

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029340.D
 Acq On : 18 Oct 2017 20:32
 Operator : SJ/JU
 Sample : I5834-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Manual Integrations
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Sohil
 10/19/2017 5:15:47 PM

Quant Time: Oct 19 00:26:21 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	63557	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	291400	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	196581	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	486442	20.00	ng	0.00
75) Chrysene-d12	21.80	240	515741	20.00	ng	0.00
86) Perylene-d12	25.10	264	532161	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	515004	135.37	ng	0.00
7) Phenol-d6	7.32	99	702068	131.47	ng	0.00
23) Nitrobenzene-d5	9.33	82	404447	88.20	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	360555	142.06	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	990353	73.89	ng	0.00
78) Terphenyl-d14	20.12	244	1593292	70.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	51356	33.269	ng	86
3) Pyridine	3.98	79	148683	33.076	ng	91
4) n-Nitrosodimethylamine	3.90	42	79625	37.894	ng	# 91
6) Aniline	7.49	93	167400	25.314	ng	95
8) 2-Chlorophenol	7.73	128	166926	38.278	ng	95
9) Benzaldehyde	7.30	77	48585	18.088	ng	88
10) Phenol	7.35	94	267030	46.381	ng	92
11) bis(2-Chloroethyl)ether	7.58	93	158081	37.686	ng	93
12) 1,3-Dichlorobenzene	8.06	146	173926	35.524	ng	96
13) 1,4-Dichlorobenzene	8.21	146	174178	34.845	ng	93
14) 1,2-Dichlorobenzene	8.53	146	165896	34.408	ng	96
15) Benzyl Alcohol	8.40	79	156791	41.663	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	264101	37.074	ng	95
17) 2-Methylphenol	8.61	107	154952	40.515	ng	97
18) Hexachloroethane	9.26	117	59849	35.134	ng	92
19) n-Nitroso-di-n-propylamine	8.97	70	135951	37.441	ng	# 95
20) 3+4-Methylphenols	8.93	107	215460	39.982	ng	94
22) Acetophenone	8.99	105	250651	35.692	ng	# 95
24) Nitrobenzene	9.37	77	189918	36.835	ng	92
25) Isophorone	9.90	82	379544	39.648	ng	# 94
26) 2-Nitrophenol	10.09	139	99872	40.529	ng	91
27) 2,4-Dimethylphenol	10.14	122	183358	41.126	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	230701	39.302	ng	97
29) 2,4-Dichlorophenol	10.63	162	189474	39.853	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	180351	35.113	ng	100
31) Naphthalene	11.04	128	517629	35.643	ng	99
32) Benzoic acid	10.14	122	183358	49.117	ng	# 8
33) 4-Chloroaniline	11.14	127	147216	24.098	ng	95
34) Hexachlorobutadiene	11.32	225	109342	34.239	ng	96
35) Caprolactam	11.90	113	75203m	47.595	ng	
36) 4-Chloro-3-methylphenol	12.25	107	207599	39.701	ng	90
37) 2-Methylnaphthalene	12.63	142	397805	37.584	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	215209	29.985	ng	97
40) Hexachlorocyclopentadiene	12.97	237	269703	98.078	ng	94

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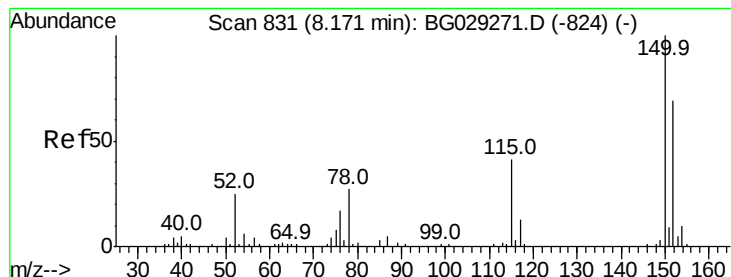
Manual Integrations
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Sohil
 10/19/2017 5:15:47 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	169251	37.565	nq	98
43) 2,4,5-Trichlorophenol	13.30	196	186714	40.352	nq	97
45) 1,1'-Biphenyl	13.62	154	544755	32.240	nq	98
46) 2-Chloronaphthalene	13.67	162	417537	33.878	nq	98
47) 2-Nitroaniline	13.86	65	144240	42.608	nq	91
48) Acenaphthylene	14.51	152	672713	34.876	nq	99
49) Dimethylphthalate	14.23	163	791625	51.613	nq	99
50) 2,6-Dinitrotoluene	14.35	165	131102	40.775	nq #	83
51) Acenaphthene	14.85	154	423582	33.752	nq	98
52) 3-Nitroaniline	14.68	138	103416	29.807	nq #	84
53) 2,4-Dinitrophenol	14.89	184	27784	21.023	nq #	58
54) Dibenzofuran	15.18	168	674414	37.643	nq	99
55) 4-Nitrophenol	14.99	139	238439	83.360	nq #	82
56) 2,4-Dinitrotoluene	15.14	165	187239	43.018	nq #	82
57) Fluorene	15.83	166	540285	36.505	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	183134	47.439	nq	95
59) Diethylphthalate	15.59	149	601400	39.344	nq	98
60) 4-Chlorophenyl-phenylether	15.81	204	294213	37.284	nq	96
61) 4-Nitroaniline	15.84	138	153913	43.202	nq	88
62) Azobenzene	16.11	77	533502	41.389	nq	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	93884	35.404	nq	89
65) n-Nitrosodiphenylamine	16.03	169	514462	35.305	nq	99
66) 4-Bromophenyl-phenylether	16.71	248	201160	36.038	nq	98
67) Hexachlorobenzene	16.83	284	211041	33.378	nq	96
68) Atrazine	16.97	200	212790	40.926	nq	98
69) Pentachlorophenol	17.17	266	283270	77.991	nq	99
70) Phenanthrene	17.57	178	911967	36.290	nq	99
71) Anthracene	17.66	178	922256	36.549	nq	99
72) Carbazole	17.92	167	889804	36.709	nq	99
73) Di-n-butylphthalate	18.47	149	1024582	36.752	nq	99
74) Fluoranthene	19.56	202	1106614	37.650	nq	97
76) Benzidine	19.73	184	483470	31.047	nq	99
77) Pyrene	19.92	202	1126558	36.009	nq	96
79) Butylbenzylphthalate	20.79	149	485118	36.396	nq	91
80) Benzo(a)anthracene	21.78	228	1104637	36.480	nq	99
81) 3,3'-Dichlorobenzidine	21.68	252	303823	24.309	nq	98
82) Chrysene	21.84	228	1040131	35.868	nq	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	683343	35.723	nq	98
84) Di-n-octyl phthalate	22.91	149	1176417	35.287	nq	97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1331963	37.335	nq	95
87) Benzo(b)fluoranthene	24.05	252	1149275	37.723	nq	100
88) Benzo(k)fluoranthene	24.12	252	1098961	36.207	nq	99
89) Benzo(a)pyrene	24.95	252	1105792	37.754	nq	99
90) Dibenzo(a,h)anthracene	28.96	278	1118662	37.726	nq	97
91) Benzo(g,h,i)perylene	30.08	276	1103011	40.035	nq	98

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



#1

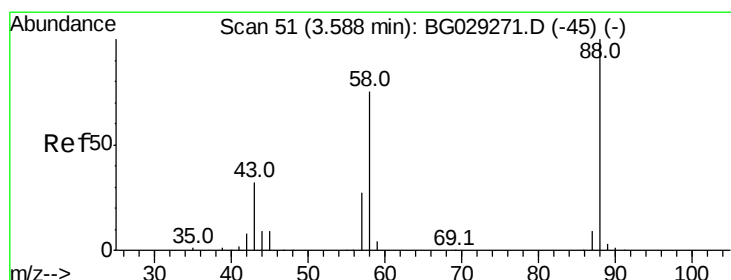
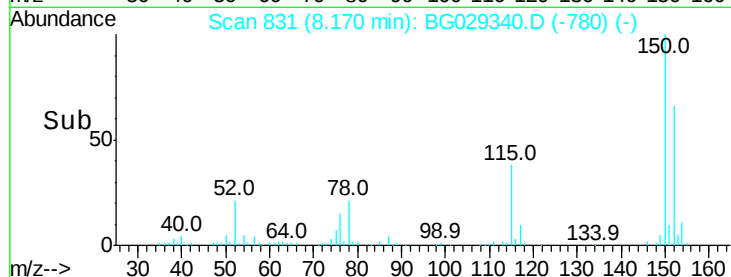
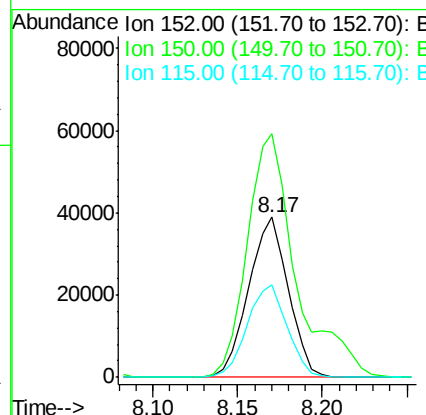
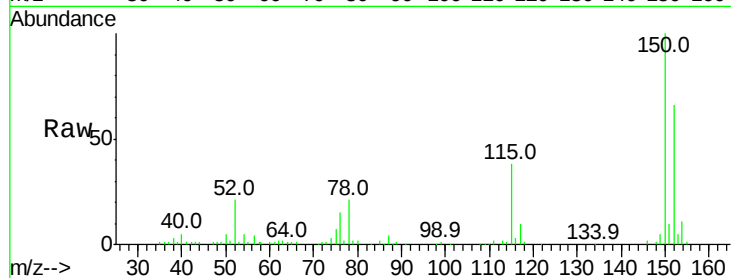
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	57.9	53.0	79.4

Manual Integrations
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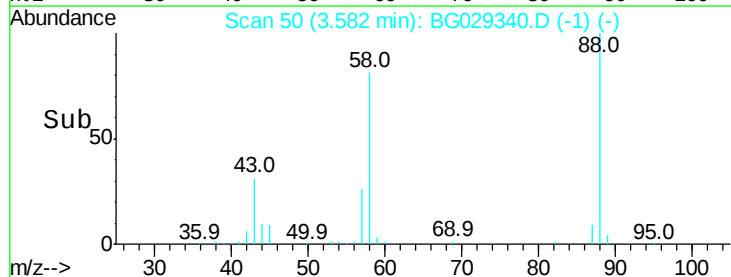
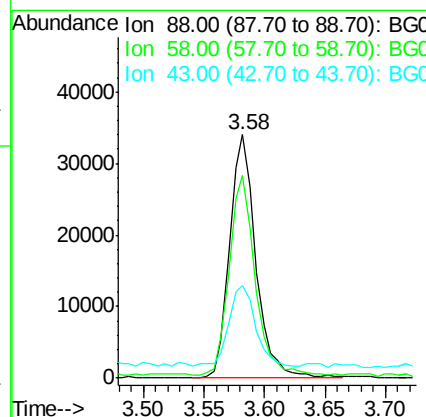
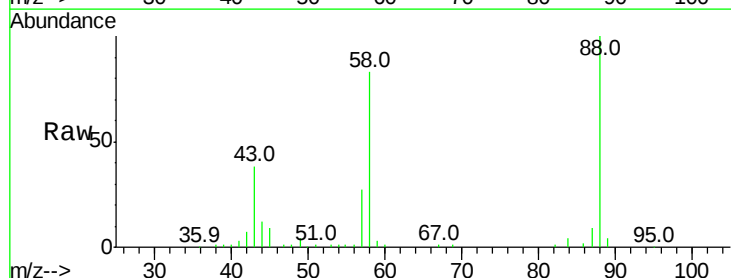
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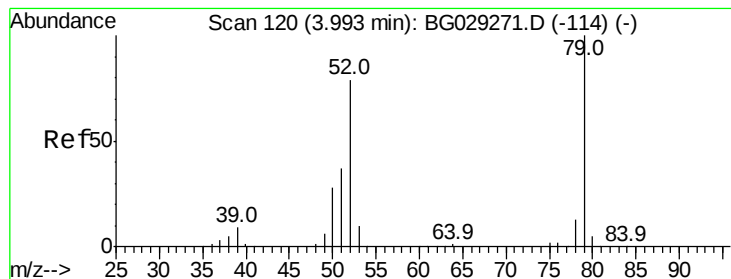


#2

1,4-Dioxane
Concen: 33.269 ng
RT: 3.58 min Scan# 50
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	79.6	119.4
43	33.6	27.4	41.0





#3

Pvridine

Concen: 33.076 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

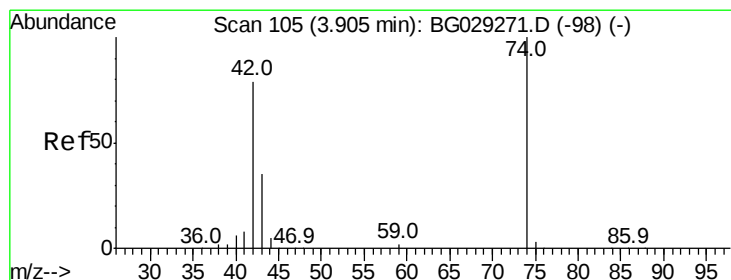
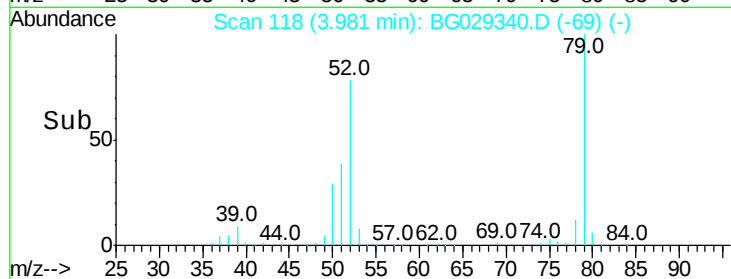
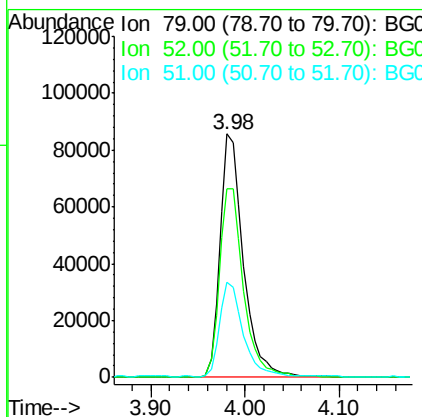
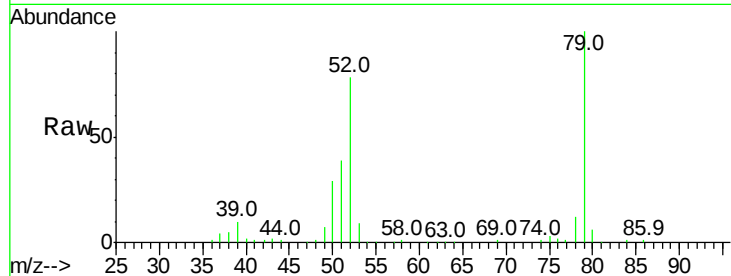
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:	79	Resp:	148683
Ion Ratio	Lower	Upper	
79	100		
52	77.6	69.9	104.9
51	39.1	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.894 ng

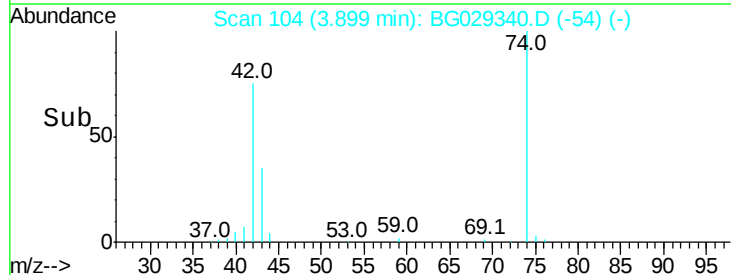
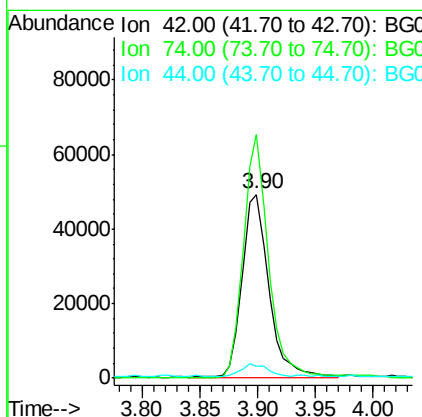
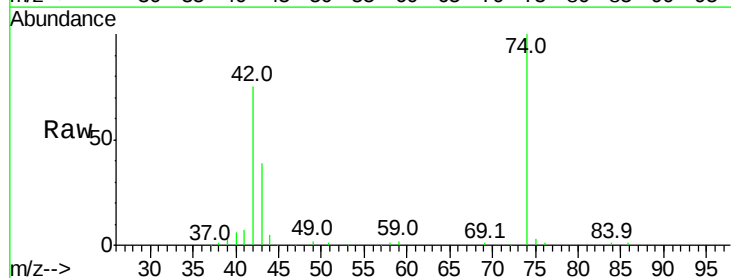
RT: 3.90 min Scan# 104

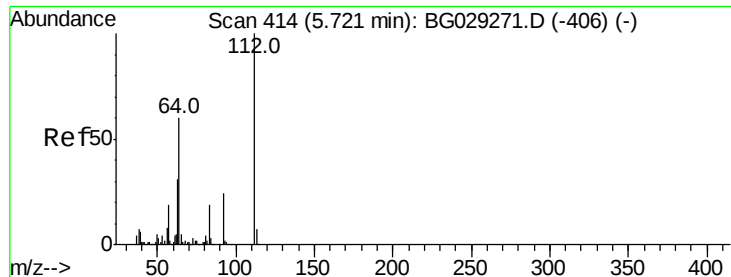
Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	42	Resp:	79625
Ion Ratio	Lower	Upper	
42	100		
74	132.5	102.5	153.7
44	6.7	18.9	28.3





#5

2-Fluorophenol

Concen: 135.365 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

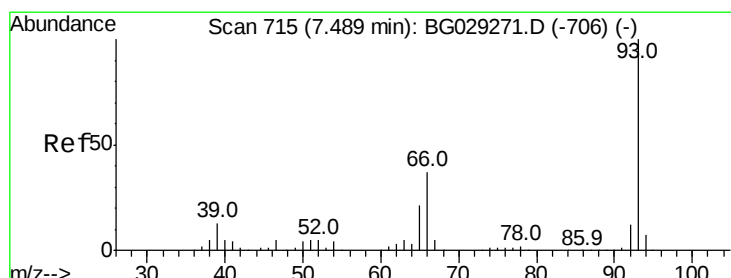
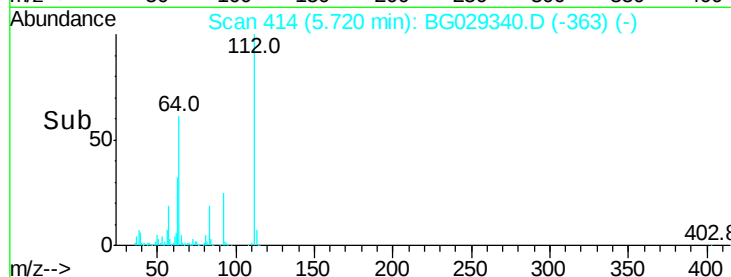
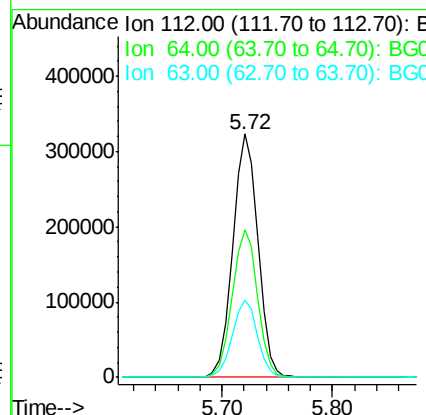
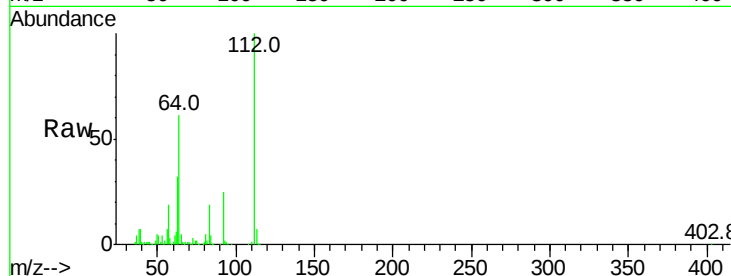
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:	112	Resp:	515004
Ion Ratio	Lower	Upper	
112	100		
64	60.7	56.3	84.5
63	31.9	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 25.314 ng

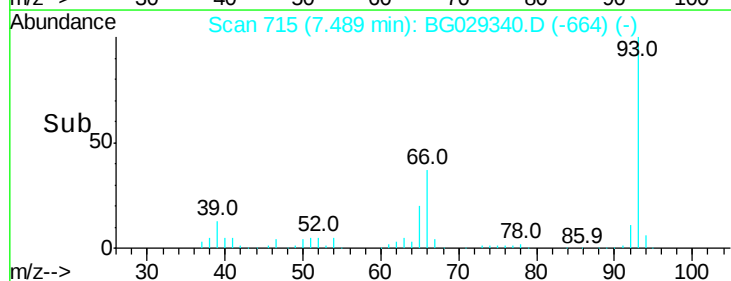
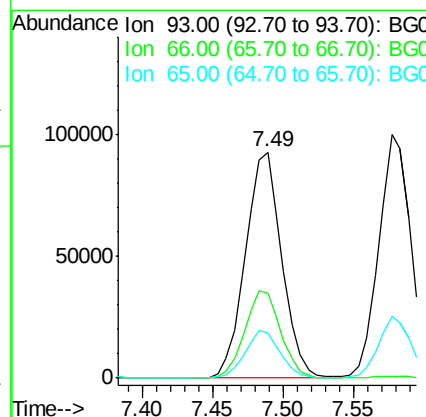
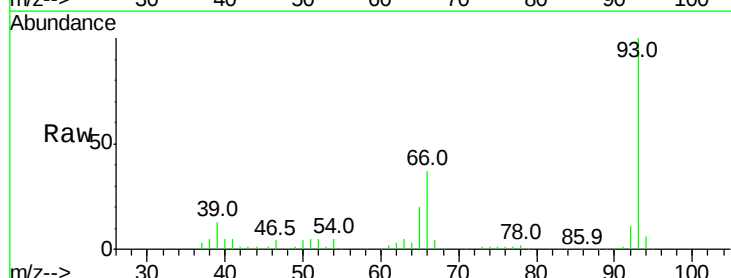
RT: 7.49 min Scan# 715

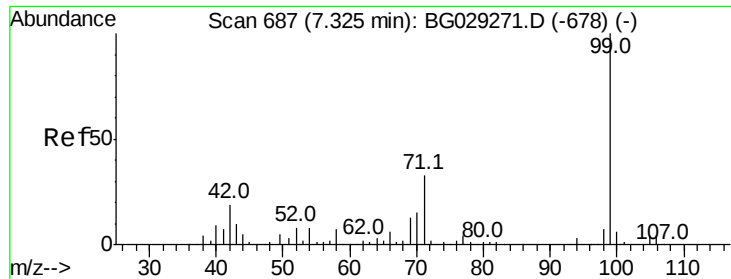
Delta R.T. -0.00 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	93	Resp:	167400
Ion Ratio	Lower	Upper	
93	100		
66	37.3	33.7	50.5
65	20.1	16.1	24.1





#7

Phenol-d6

Concen: 131.467 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

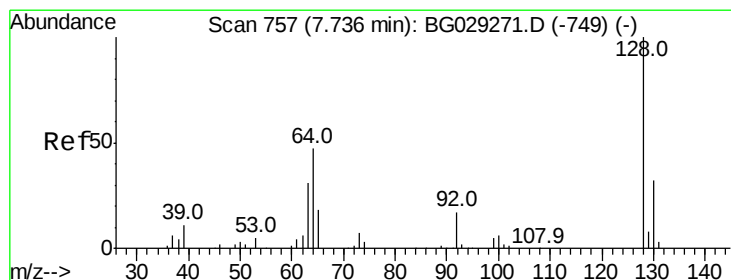
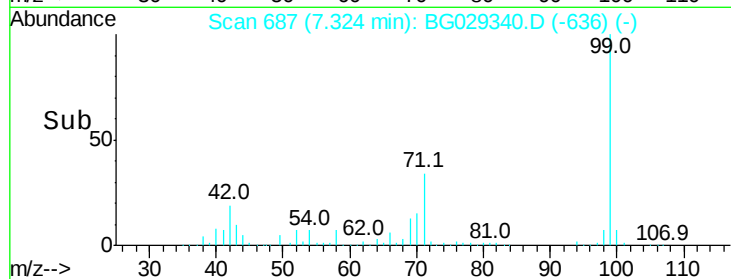
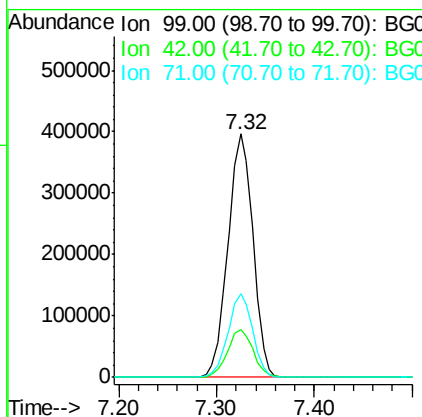
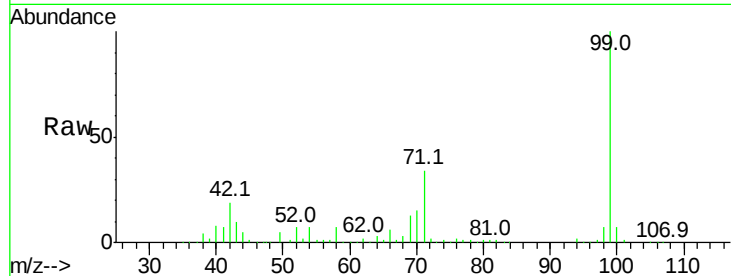
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		702068		
42	19.5	14.1	21.1		
71	34.1	26.1	39.1		

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.278 ng

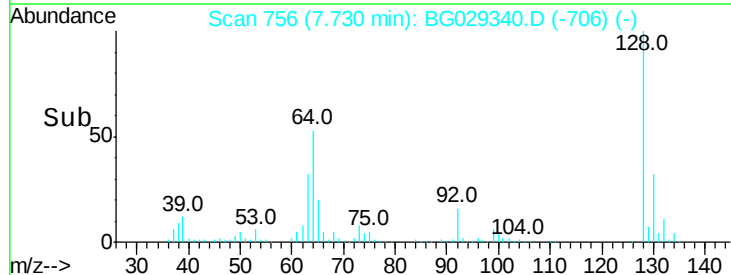
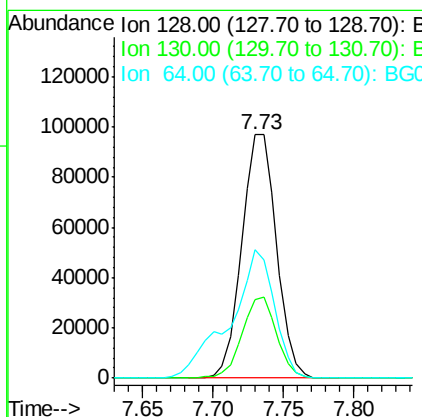
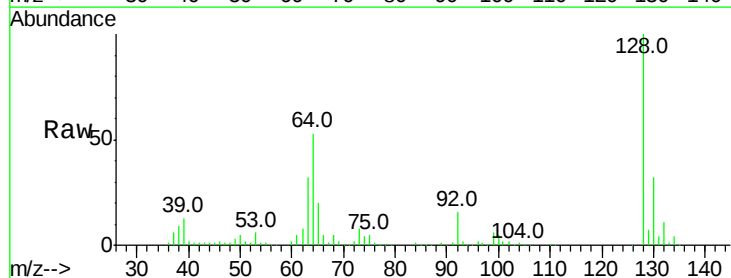
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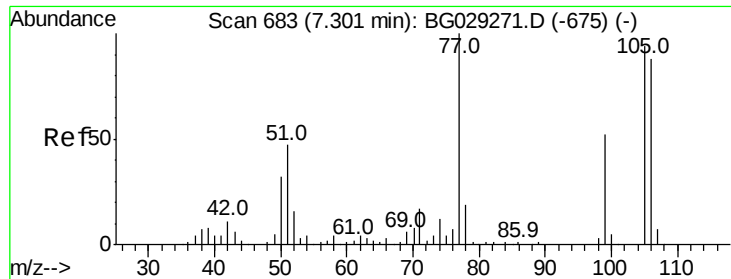
Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		166926		
130	32.2	14.0	54.0		
64	52.7	37.7	77.7		





#9

Benzaldehyde

Concen: 18.088 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion: 77 Resp: 48585

Ion Ratio Lower Upper

77 100

105 103.5 71.3 111.3

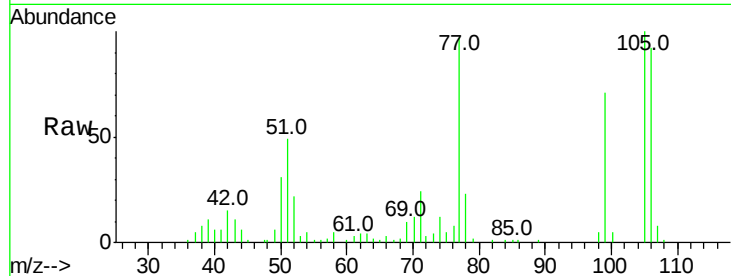
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Manual Integrations

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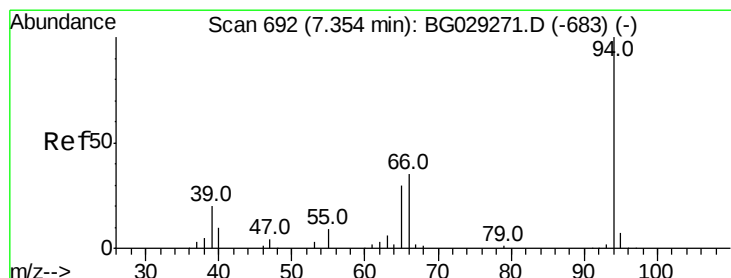
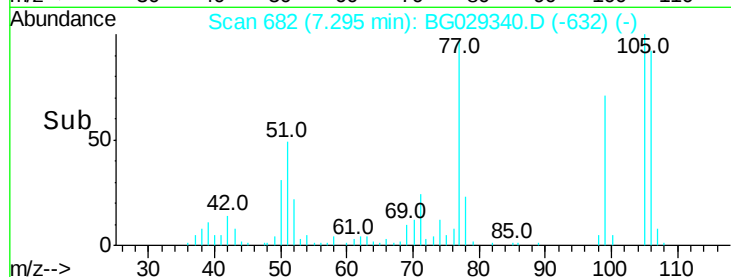
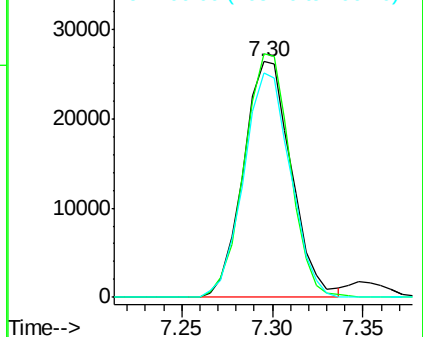
10/19/2017 5:15:47 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.381 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

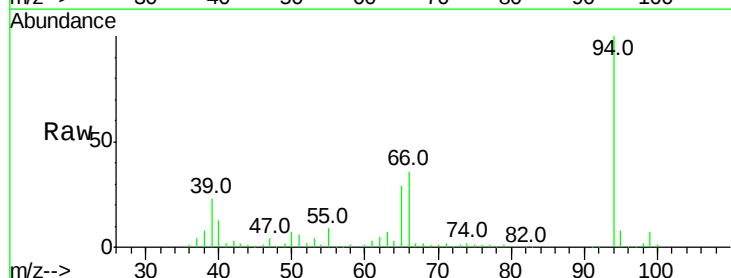
Tgt Ion: 94 Resp: 267030

Ion Ratio Lower Upper

94 100

65 28.7 11.9 51.9

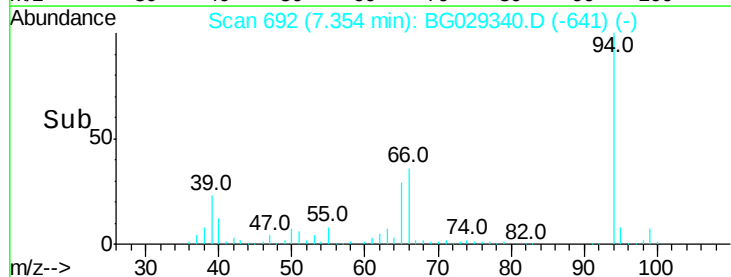
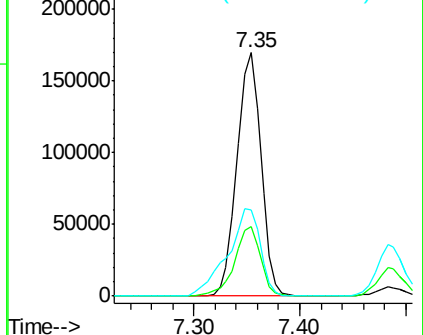
66 35.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.686 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion: 93 Resp: 158081

Ion Ratio Lower Upper

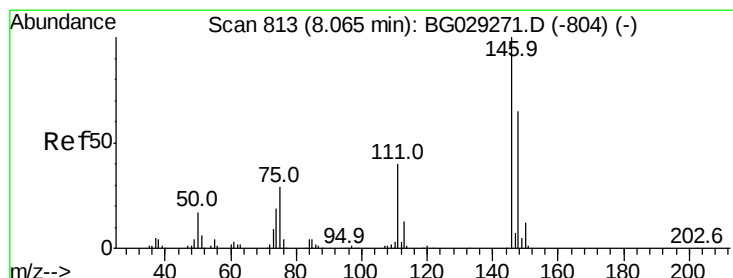
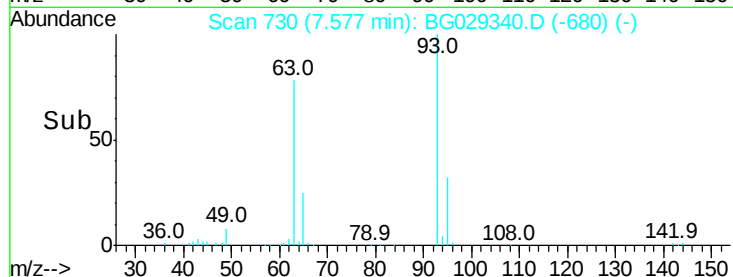
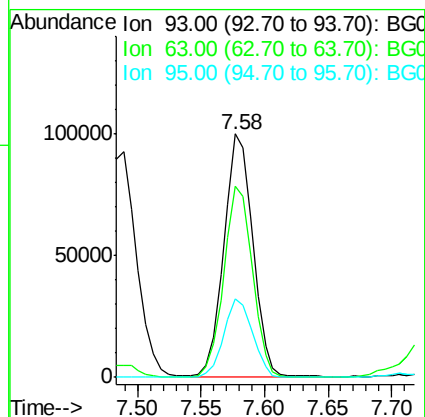
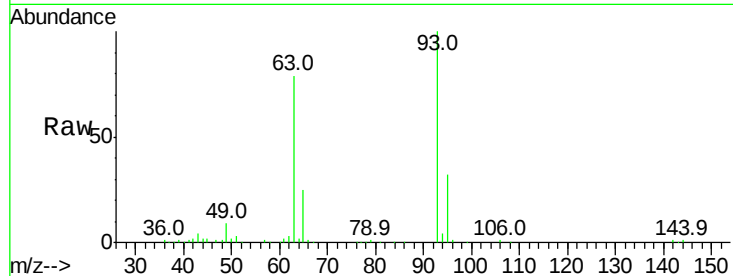
93 100

63 78.6 67.1 107.1

95 32.5 11.5 51.5

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#12

1,3-Dichlorobenzene

Concen: 35.524 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

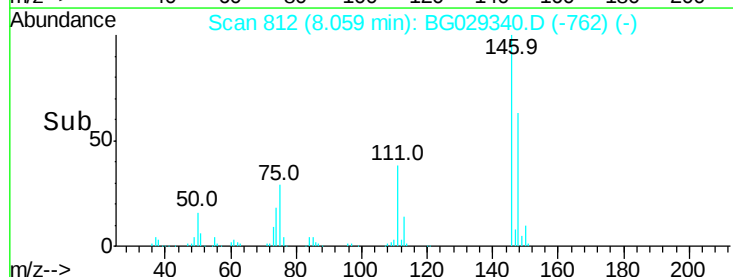
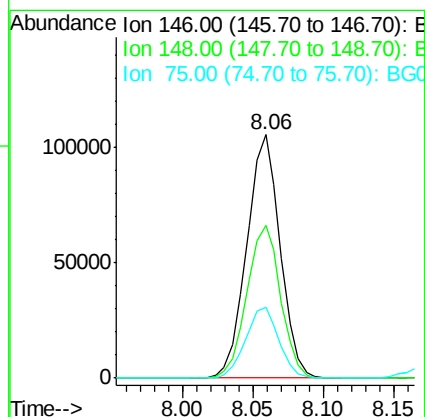
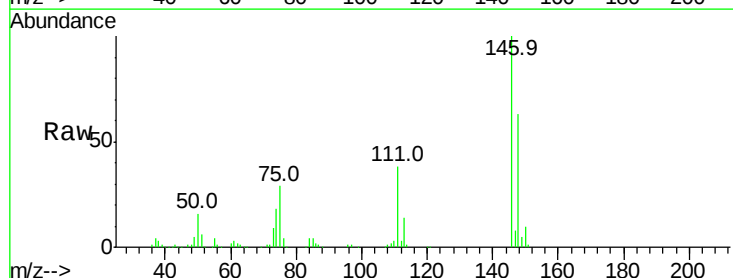
Tgt Ion: 146 Resp: 173926

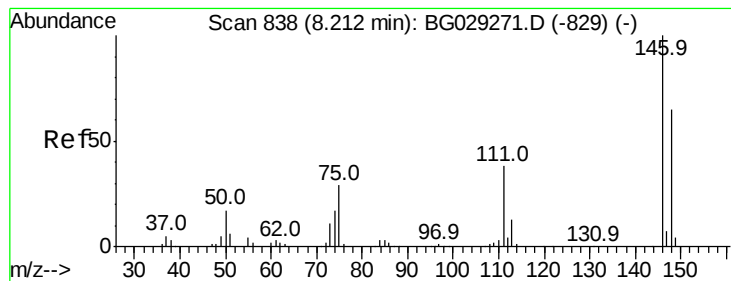
Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.2

75 29.2 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 34.845 ng

RT: 8.21 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

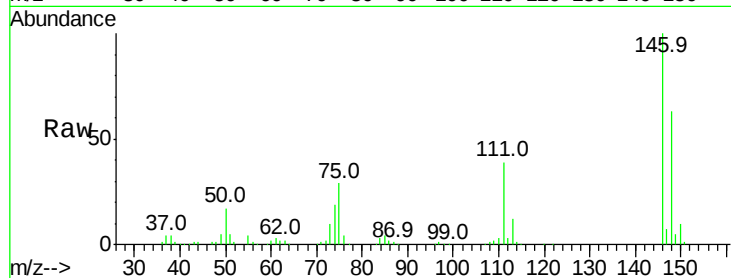
ClientSampleId :

ENV-115-4(15-20)MS

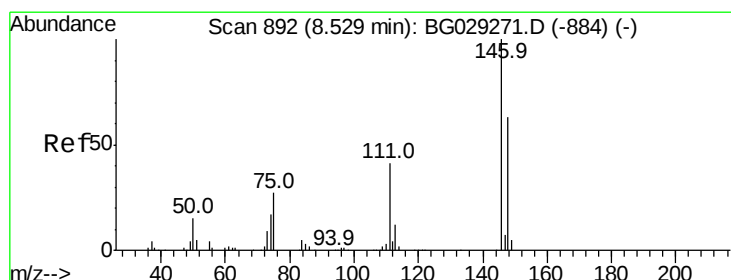
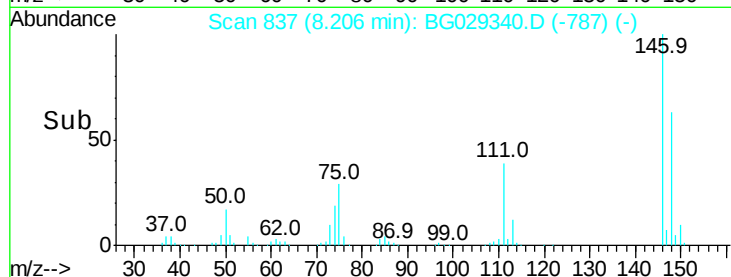
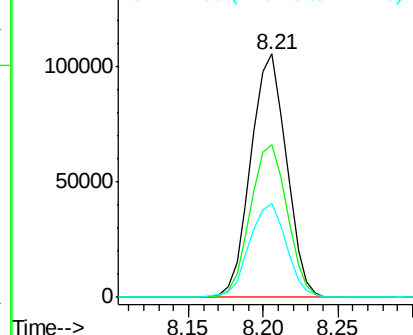
Tot Ion:	146	Resp:	174178
Ion Ratio	Lower	Upper	
146	100		
148	62.8	53.7	80.5
111	38.5	35.2	52.8

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



#14

1,2-Dichlorobenzene

Concen: 34.408 ng

RT: 8.53 min Scan# 892

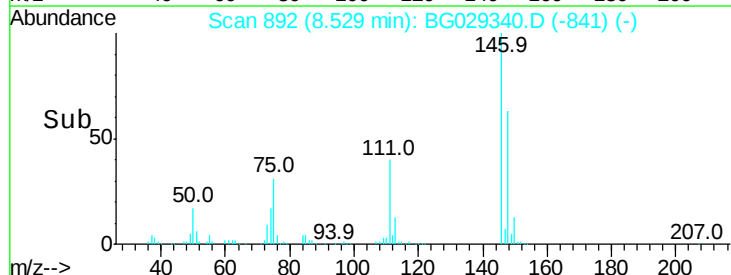
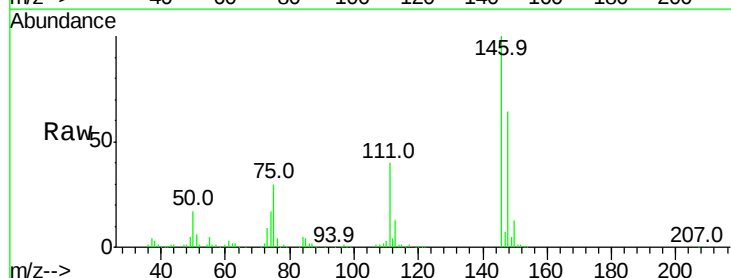
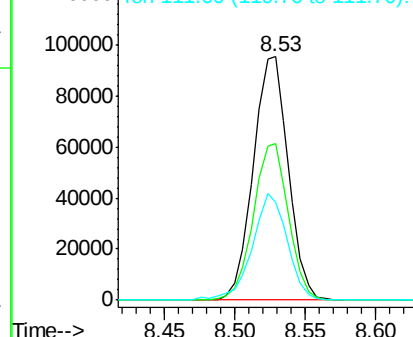
Delta R.T. -0.00 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	146	Resp:	165896
Ion Ratio	Lower	Upper	
146	100		
148	64.2	49.3	73.9
111	40.1	34.3	51.5

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





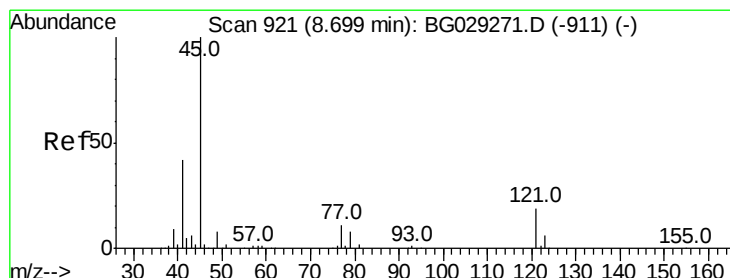
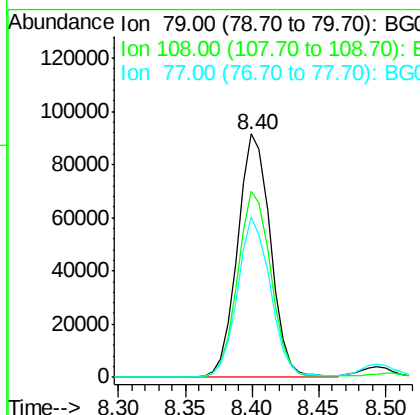
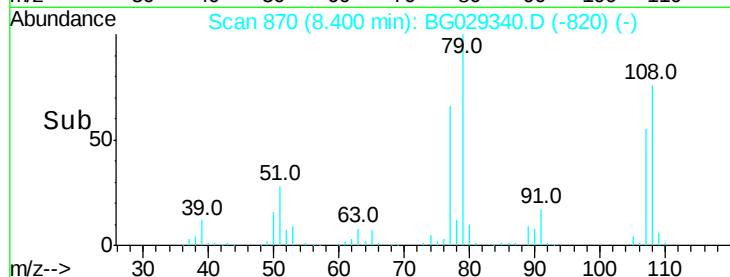
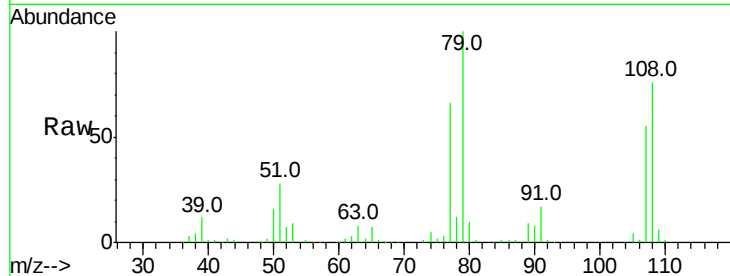
#15
Benzyl Alcohol
Concen: 41.663 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	57.2	85.8
77	66.1	46.1	69.1

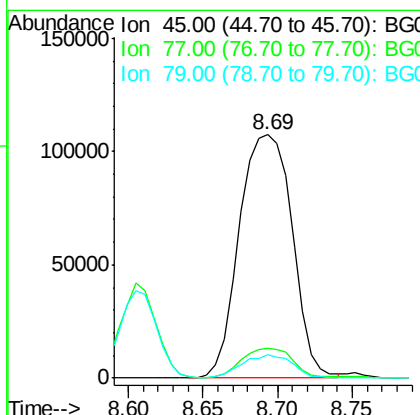
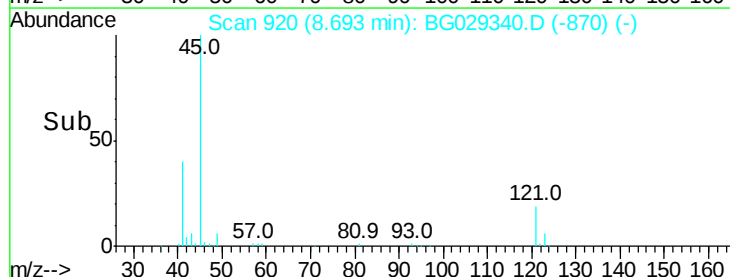
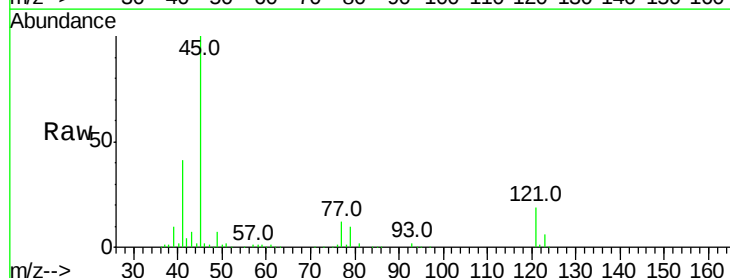
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.074 ng
RT: 8.69 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	30.2
79	9.6	0.0	27.9





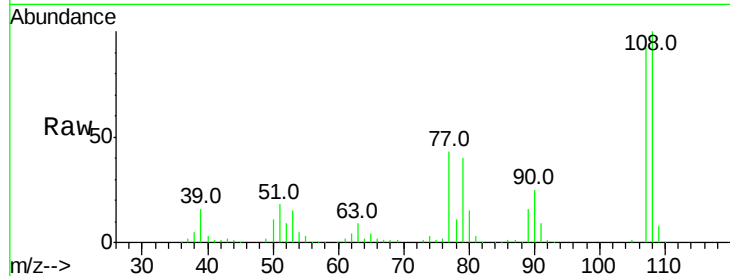
#17
2-Methylphenol
Concen: 40.515 ng
RT: 8.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

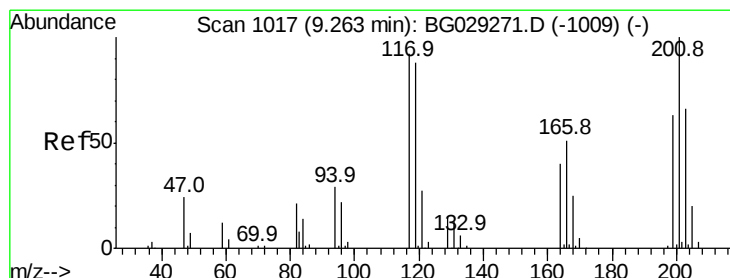
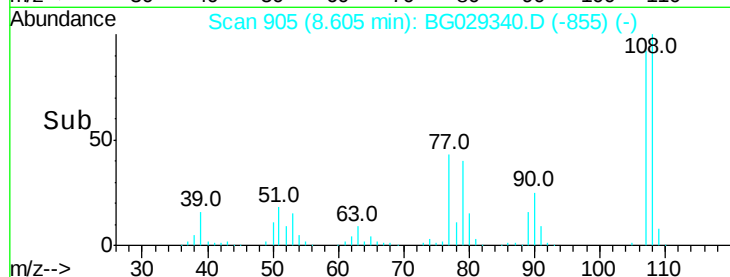
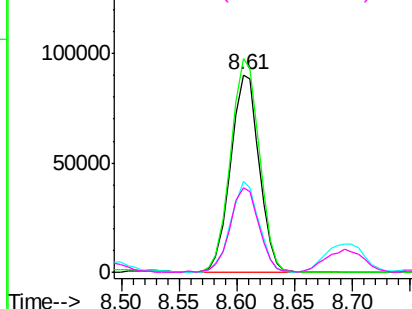
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	83.9	125.9	
77	46.3	37.2	55.8	
79	43.0	36.2	54.2	

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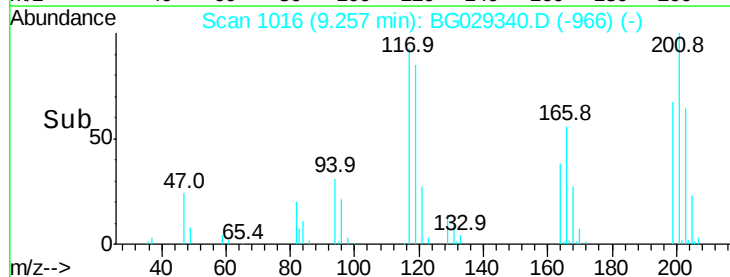
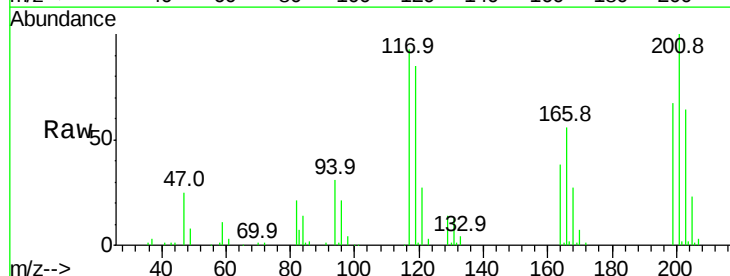
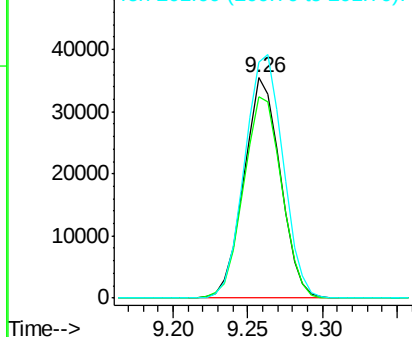
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

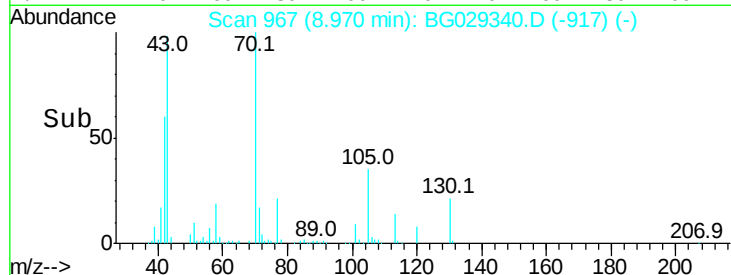
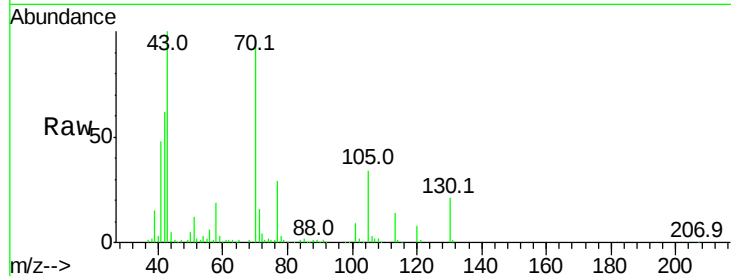
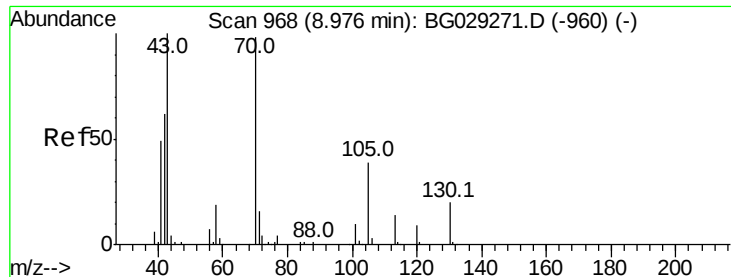


#18
Hexachloroethane
Concen: 35.134 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.5	76.7	115.1	
201	107.2	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





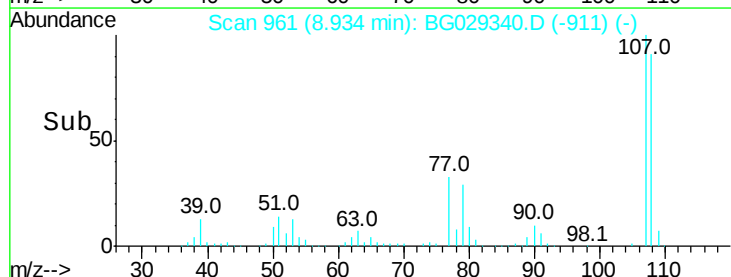
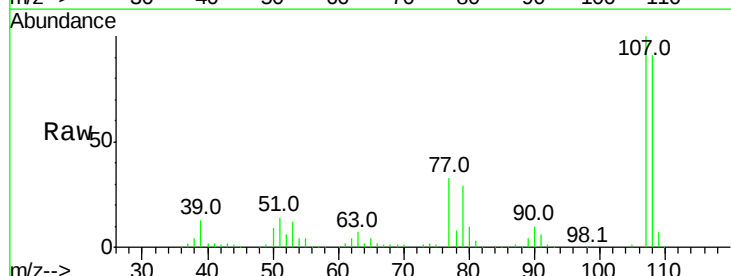
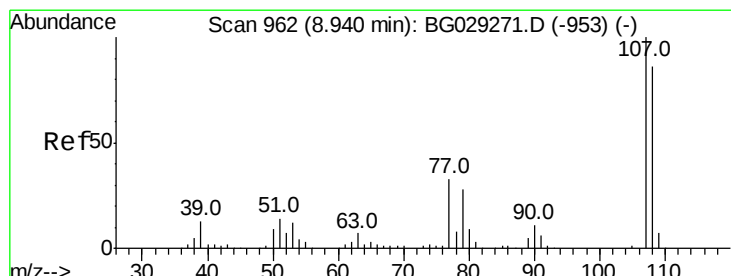
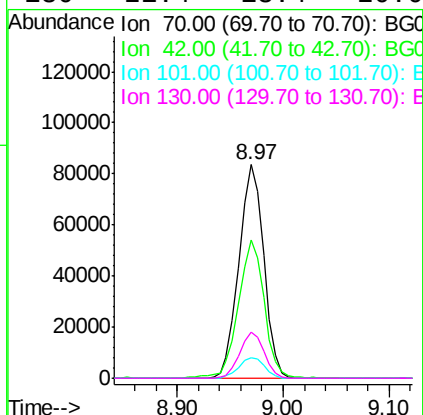
#19
n-Nitroso-di-n-propylamine
Concen: 37.441 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.8	49.1	73.7	
101	9.5	8.5	12.7	
130	21.4	13.4	20.0	

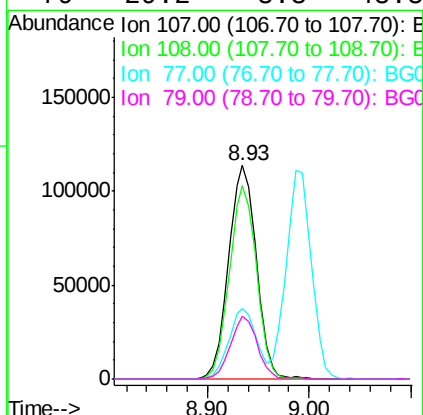
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#20
3+4-Methylphenols
Concen: 39.982 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	61.6	101.6	
77	32.9	13.9	53.9	
79	29.2	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

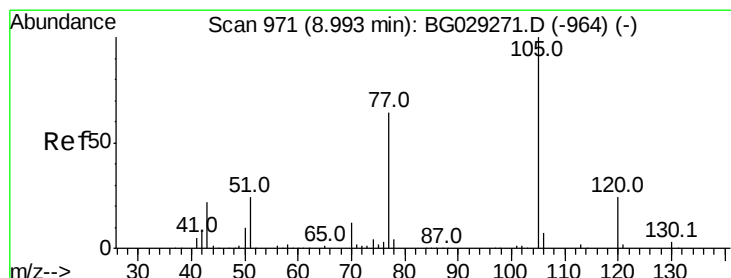
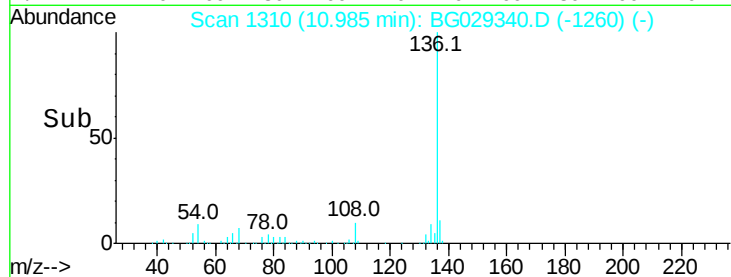
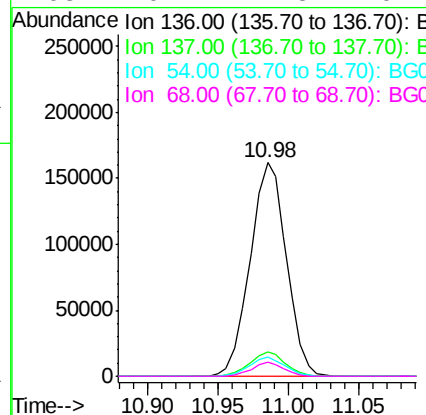
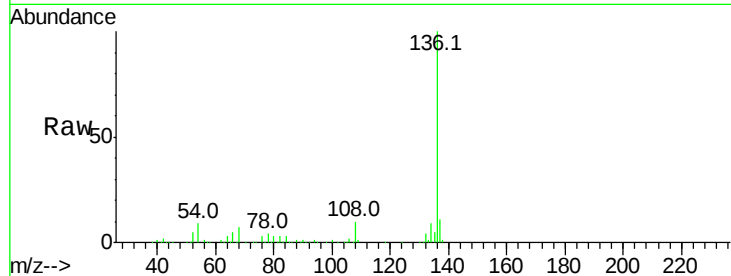
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	291400		
137	11.3	9.2	13.8	
54	8.8	10.3	15.5	
68	6.7	4.5	6.7	

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#22

Acetophenone

Concen: 35.692 ng

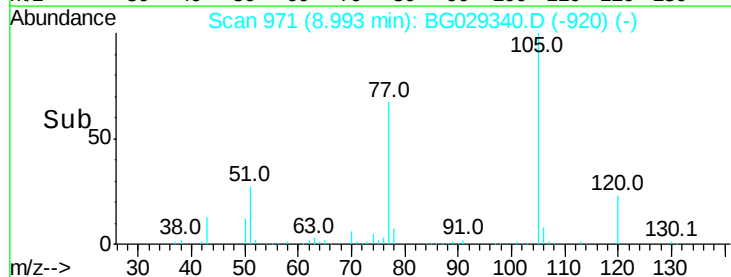
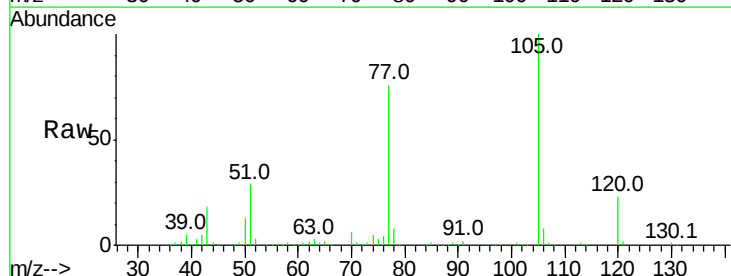
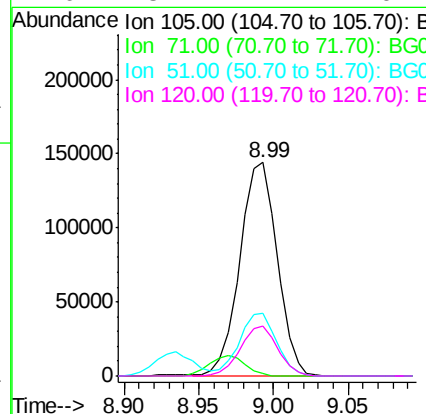
RT: 8.99 min Scan# 971

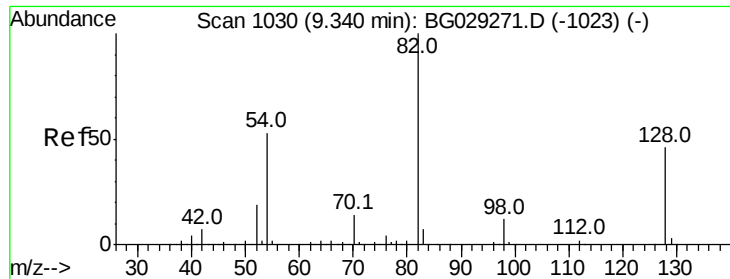
Delta R.T. -0.00 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250651		
71	1.1	3.0	4.4	
51	29.2	26.1	39.1	
120	23.2	17.4	26.2	





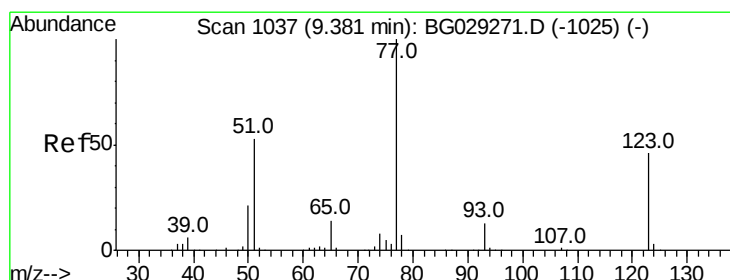
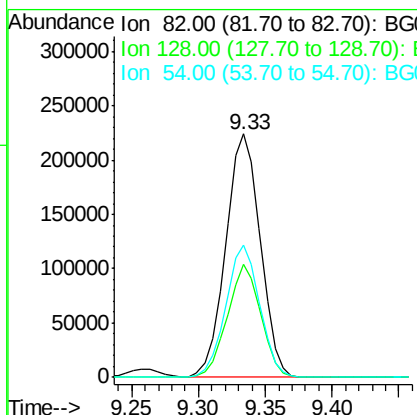
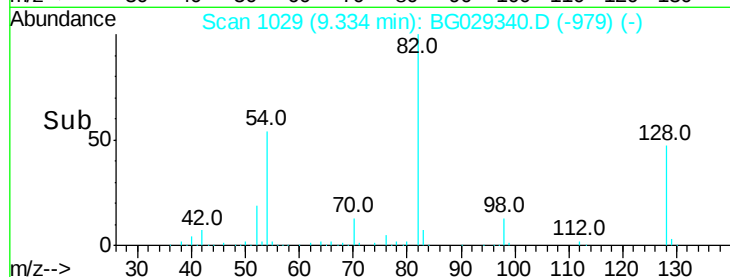
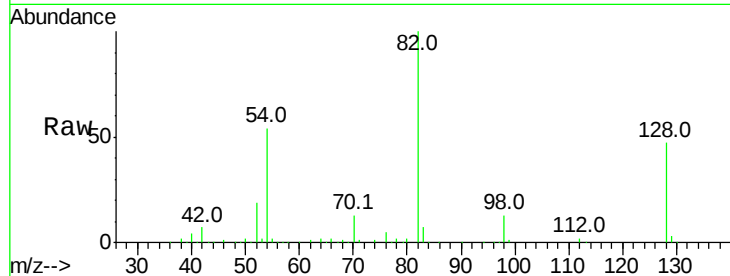
#23
 Nitrobenzene-d5
 Concen: 88.200 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion:	82	Resp:	404447
Ion Ratio	Lower	Upper	
82	100		
128	46.6	29.7	44.5#
54	54.3	43.1	64.7

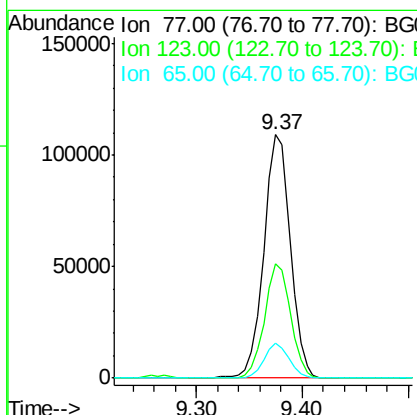
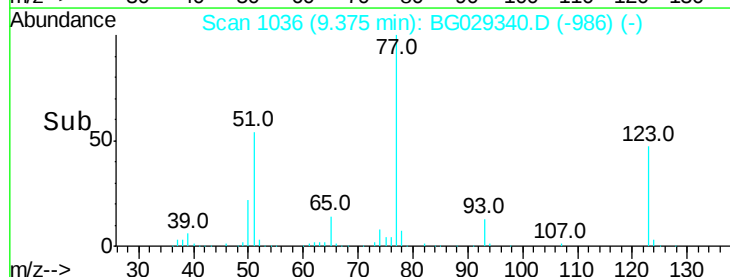
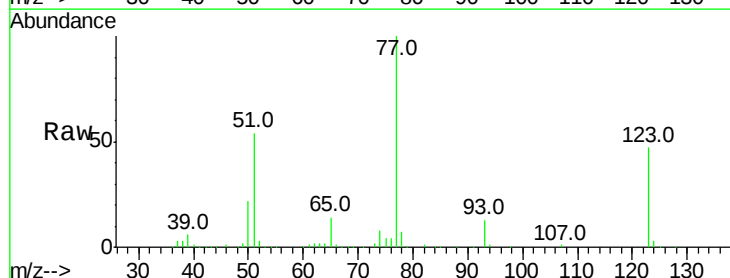
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#24
 Nitrobenzene
 Concen: 36.835 ng
 RT: 9.37 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion:	77	Resp:	189918
Ion Ratio	Lower	Upper	
77	100		
123	47.1	33.0	49.6
65	14.2	13.0	19.6





#25

Isophorone

Concen: 39.648 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

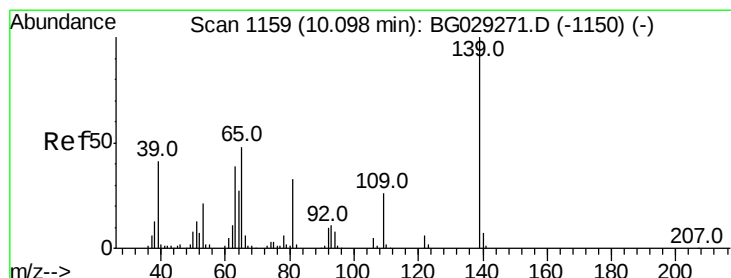
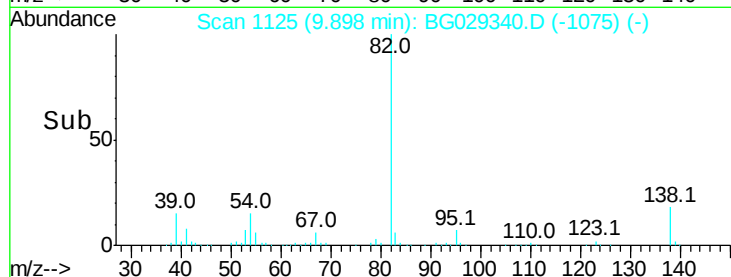
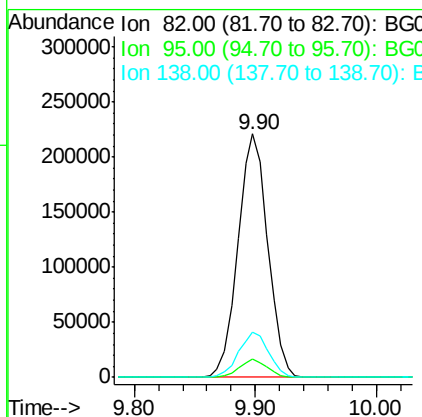
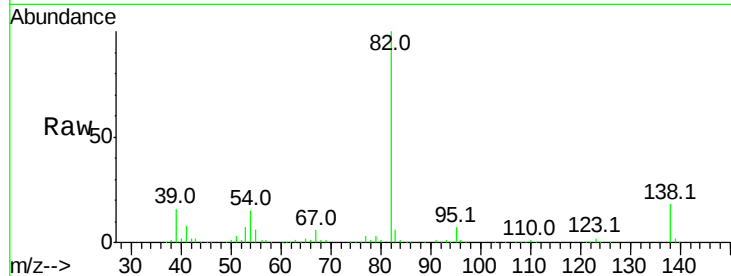
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:	82	Resp:	379544
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.2	9.2
138	18.4	12.1	18.1#

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#26

2-Nitrophenol

Concen: 40.529 ng

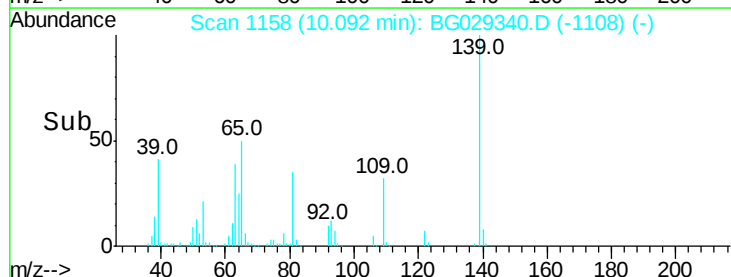
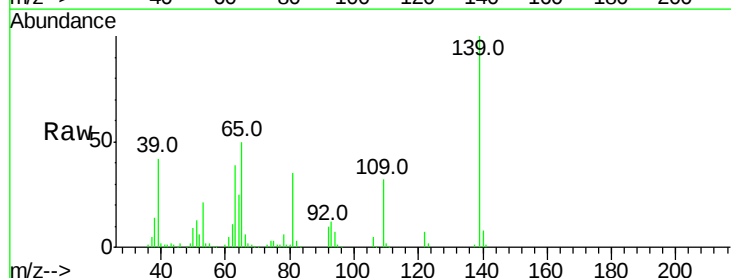
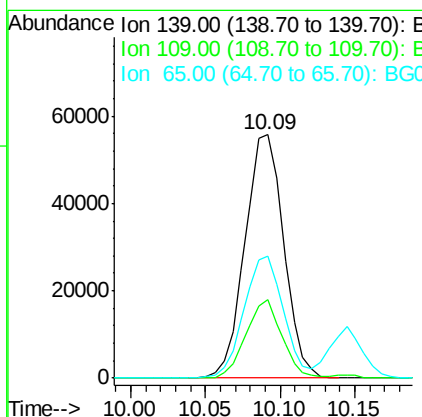
RT: 10.09 min Scan# 1158

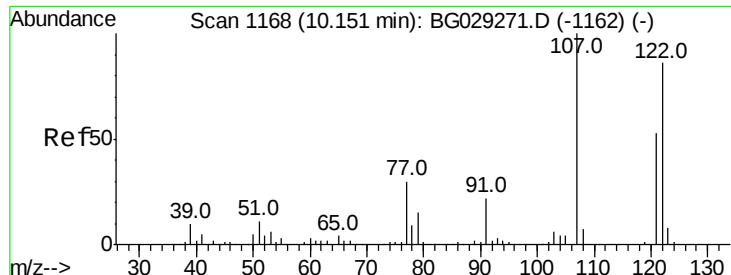
Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	139	Resp:	99872
Ion Ratio	Lower	Upper	
139	100		
109	32.1	24.2	36.2
65	50.3	47.4	71.0





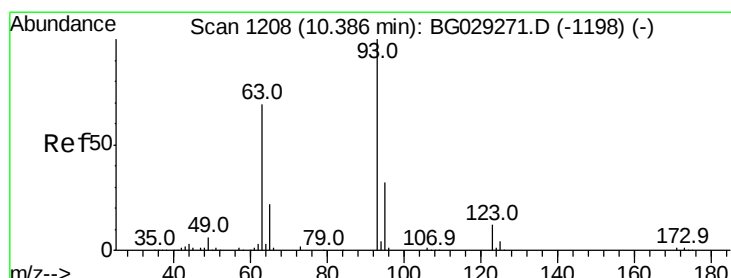
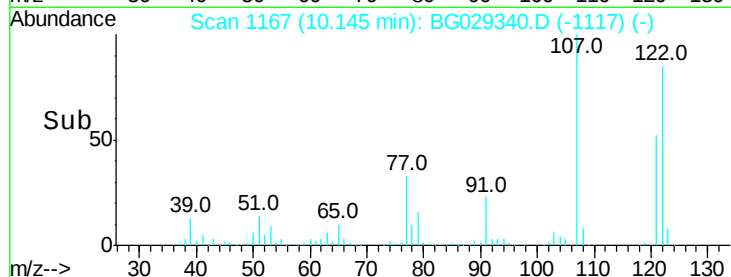
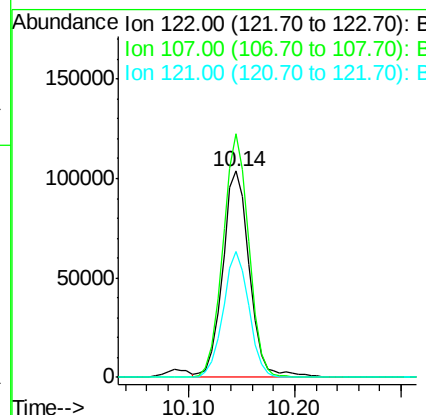
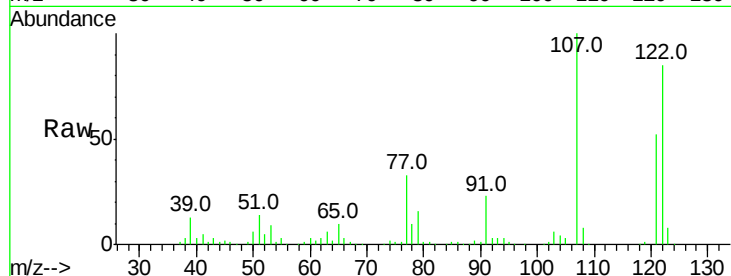
#27
 2,4-Dimethylphenol
 Concen: 41.126 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		183358		
107	118.0	100.2	150.2		
121	60.8	44.4	66.6		

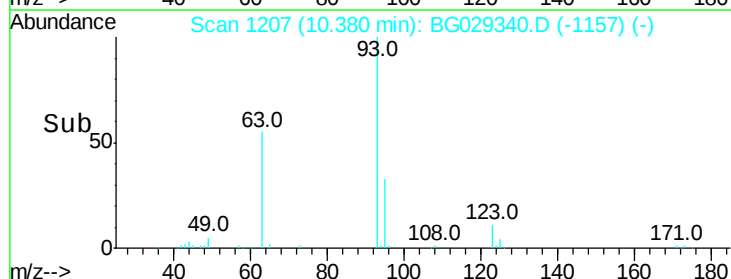
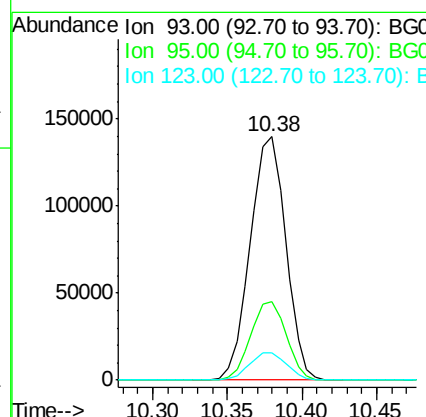
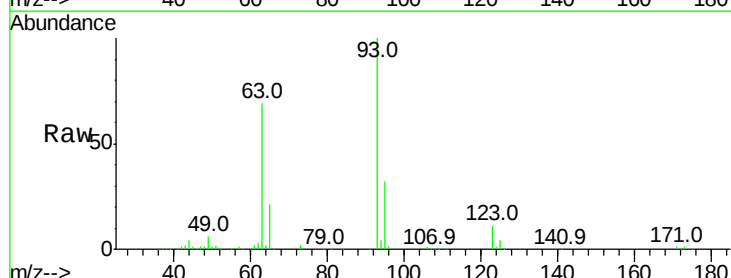
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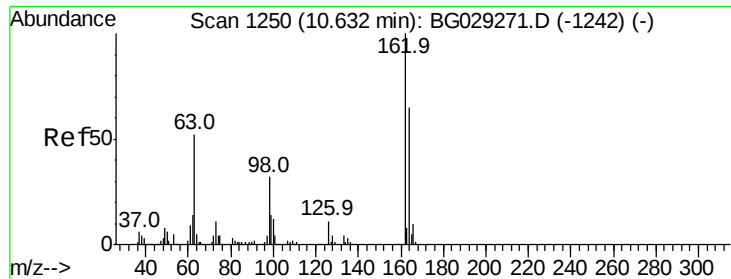
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.302 ng
 RT: 10.38 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		230701		
95	32.4	24.3	36.5		
123	11.3	8.4	12.6		





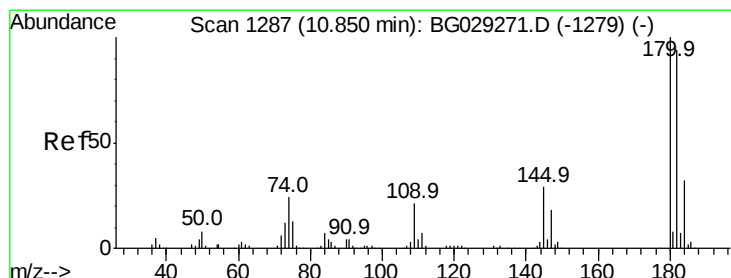
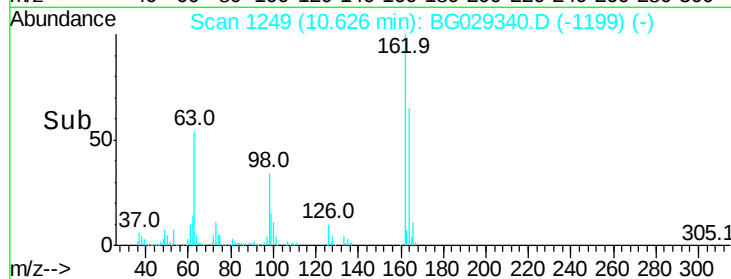
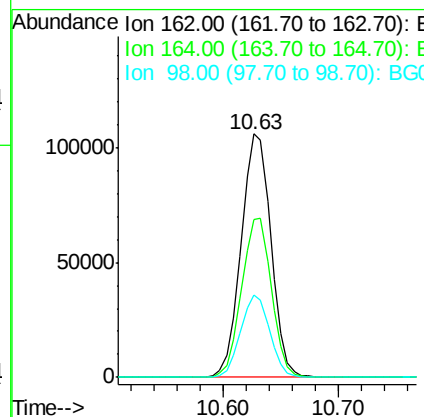
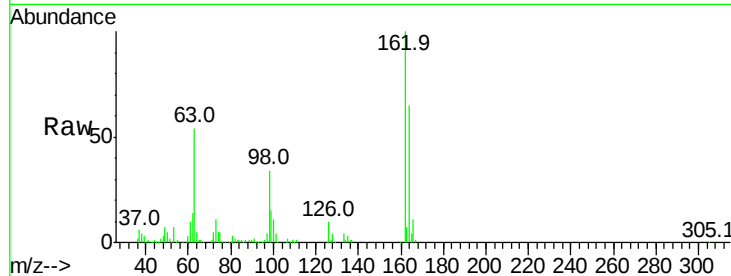
#29
 2,4-Dichlorophenol
 Concen: 39.853 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion:	162	Resp:	189474
Ion Ratio	Lower	Upper	
162	100		
164	64.7	48.0	88.0
98	33.9	21.1	61.1

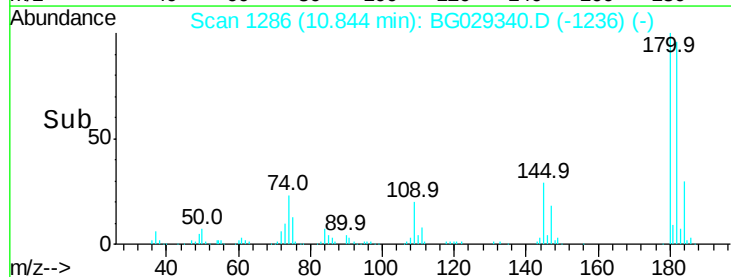
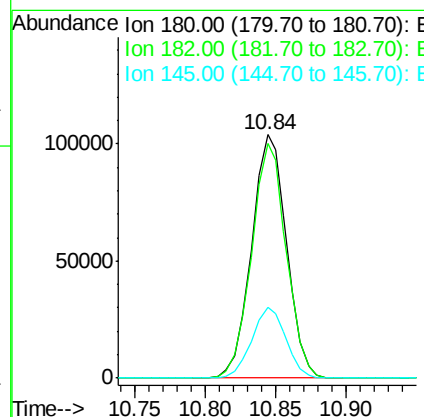
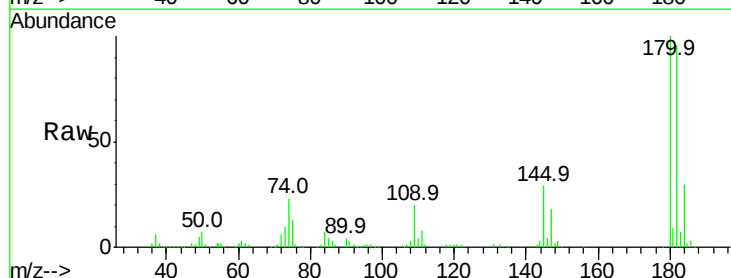
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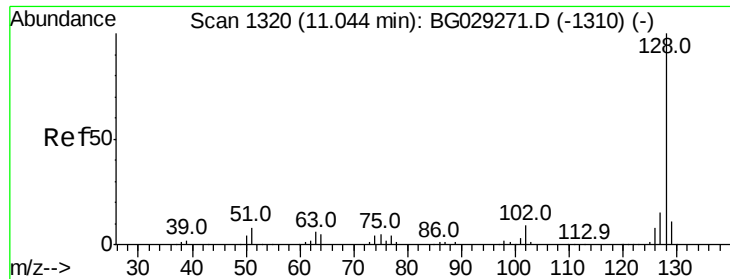
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.113 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion:	180	Resp:	180351
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.5	116.3
145	29.3	23.4	35.2





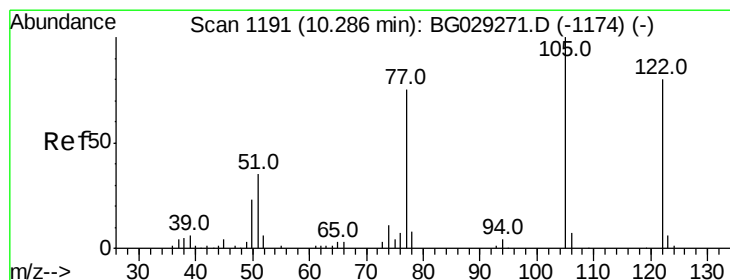
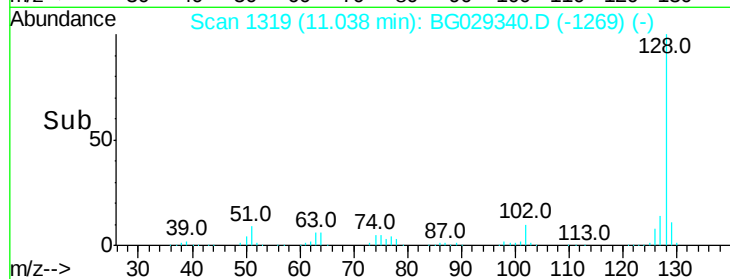
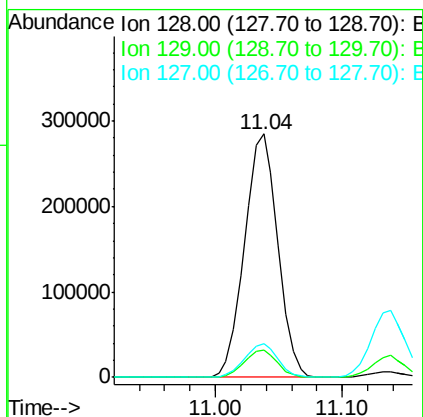
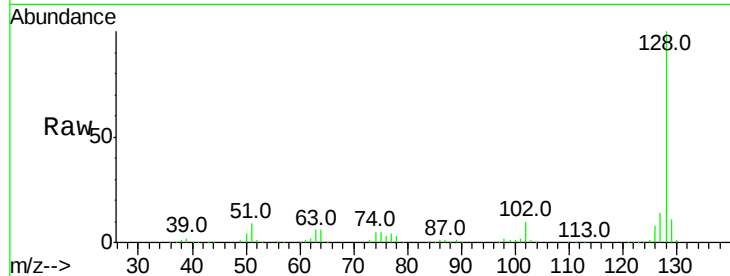
#31
Naphthalene
Concen: 35.643 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.9	11.6	17.4

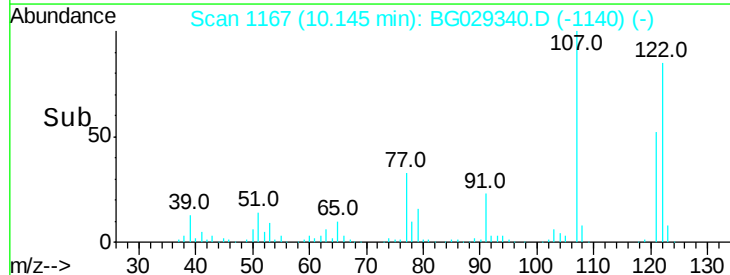
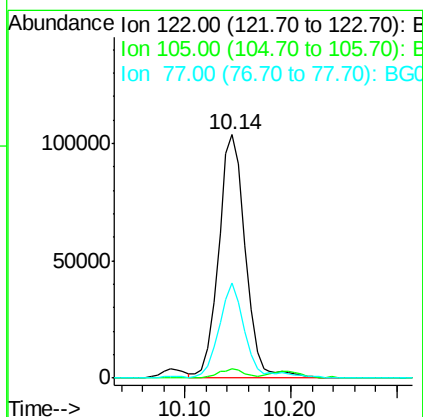
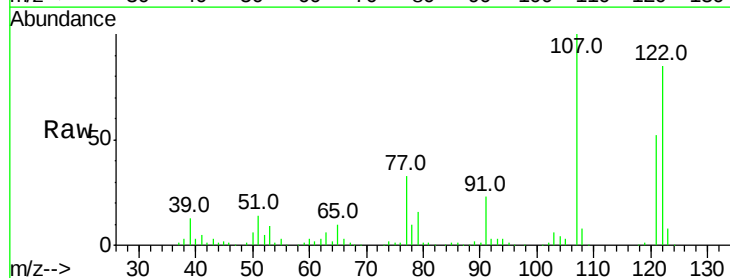
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#32
Benzoic acid
Concen: 49.117 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.14 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.8	123.5	163.5#
77	39.2	85.7	125.7#





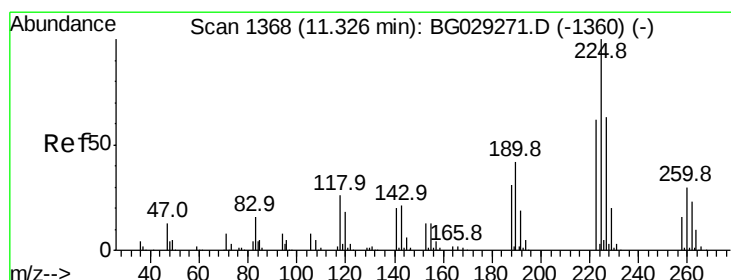
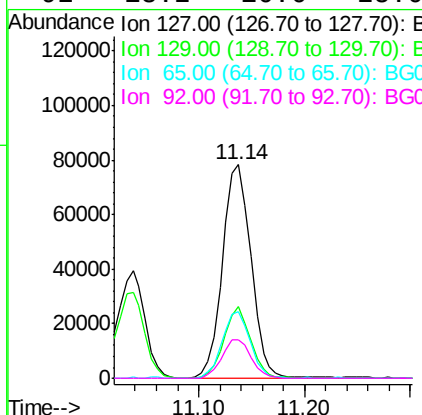
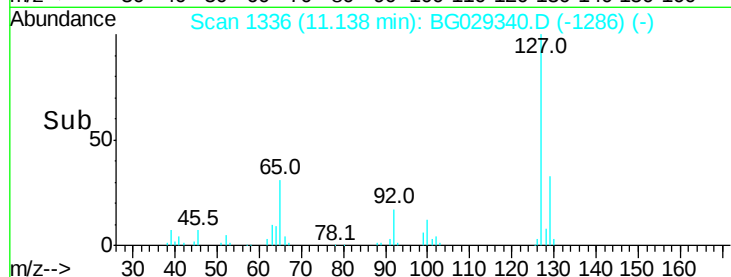
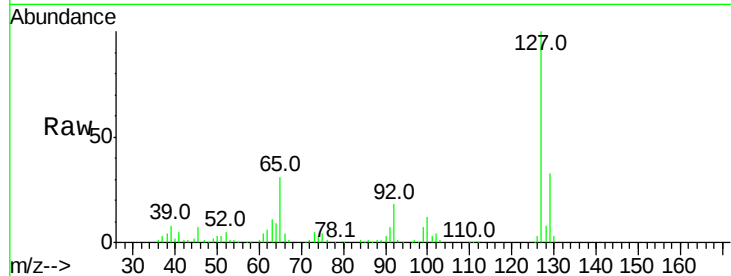
#33
4-Chloroaniline
Concen: 24.098 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	24.0	36.0		
65	31.3	27.0	40.4		
92	18.2	16.6	25.0		

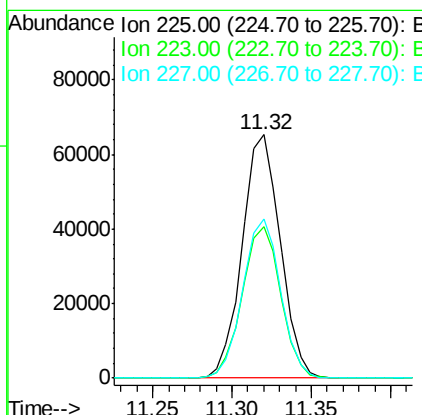
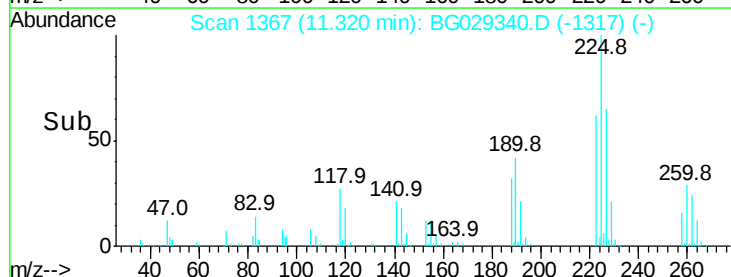
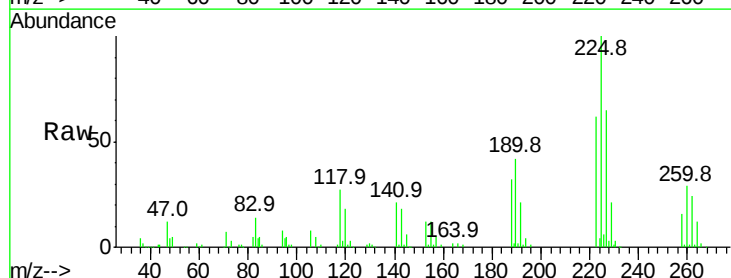
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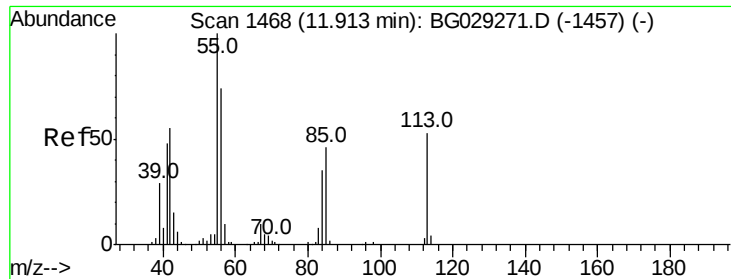
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#34
Hexachlorobutadiene
Concen: 34.239 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	49.7	74.5		
227	65.2	48.1	72.1		





#35

Caprolactam

Concen: 47.595 ng/ml

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:113 Resp: 75203

Ion Ratio Lower Upper

113 100

55 176.9 186.9 226.9#

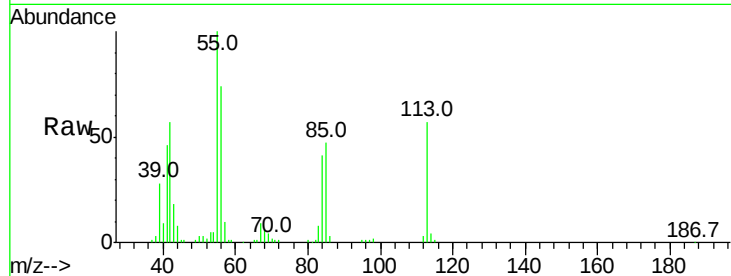
56 131.0 130.9 170.9

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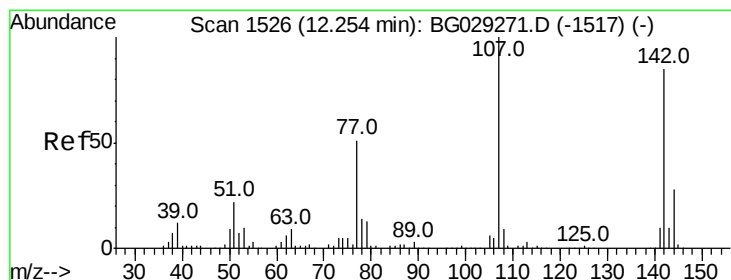
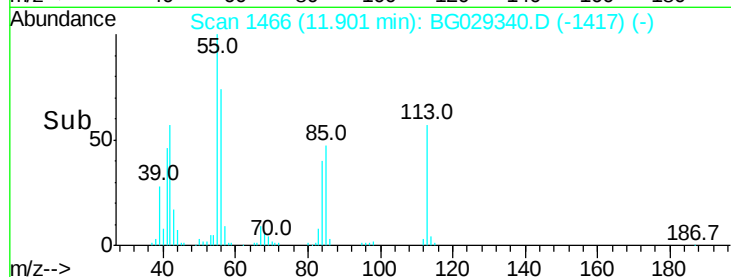
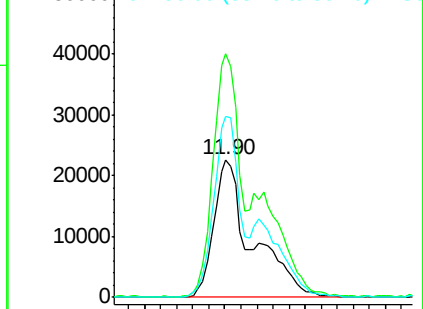
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.701 ng/ml

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

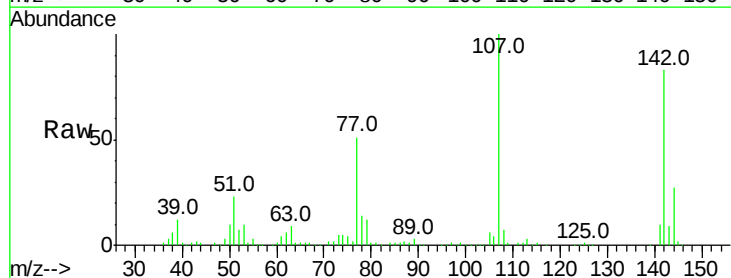
Tgt Ion:107 Resp: 207599

Ion Ratio Lower Upper

107 100

144 27.0 18.2 27.4

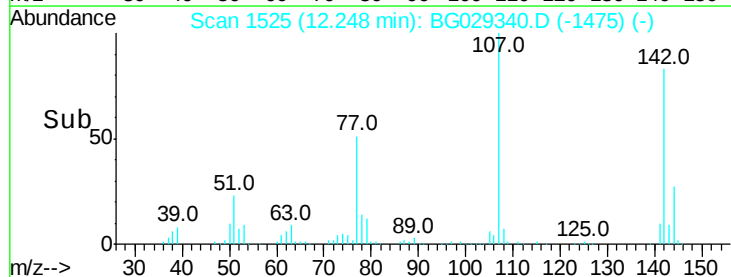
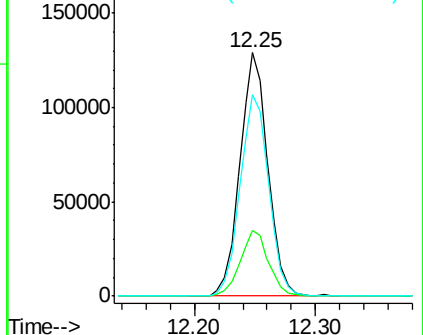
142 82.9 59.0 88.4

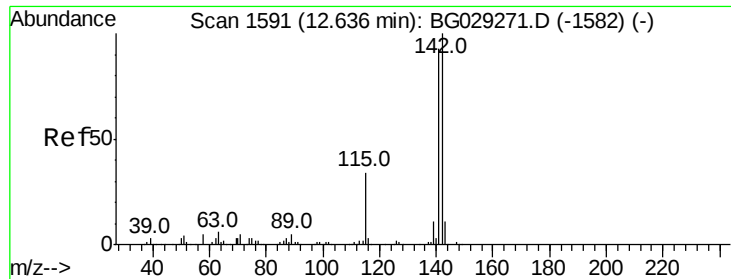


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





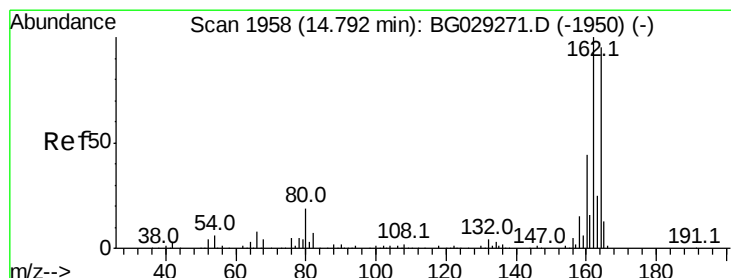
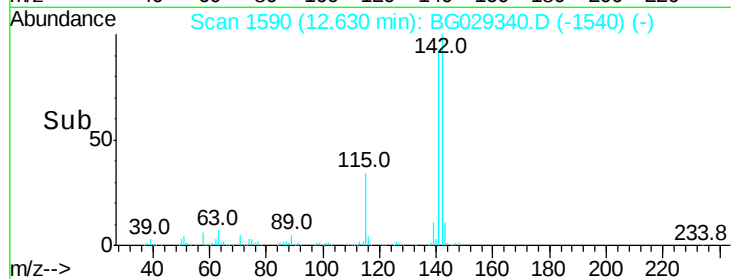
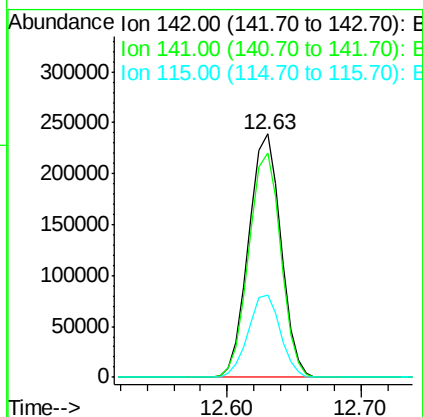
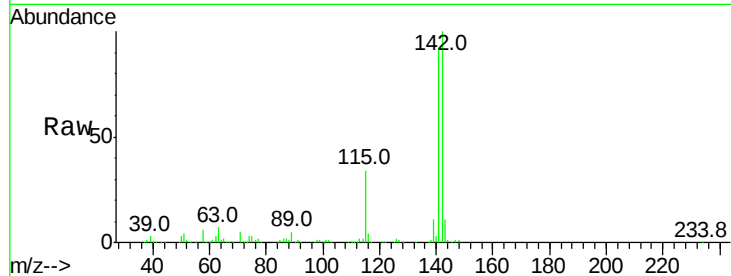
#37
2-Methylnaphthalene
Concen: 37.584 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	67.1	100.7
115	34.0	30.7	46.1

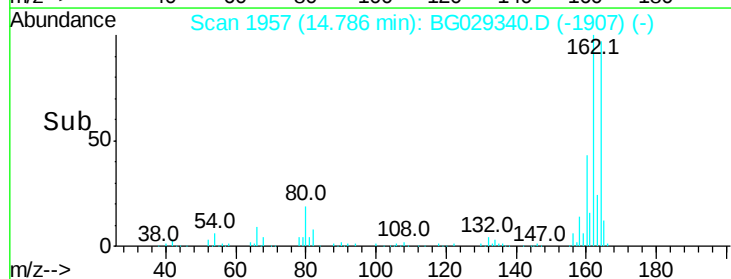
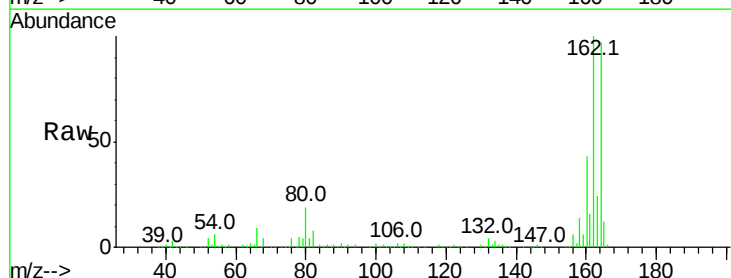
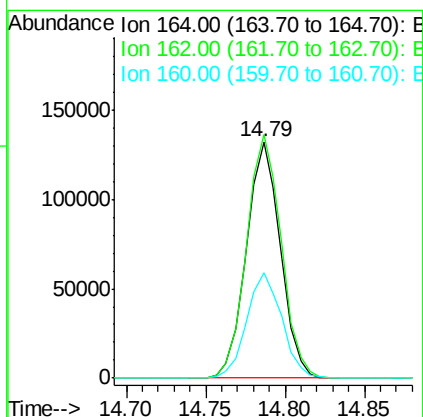
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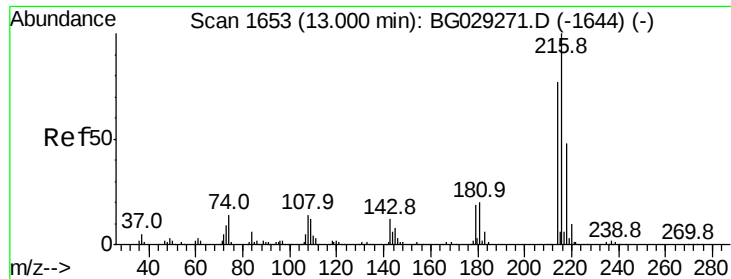
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	44.4	35.4	53.0





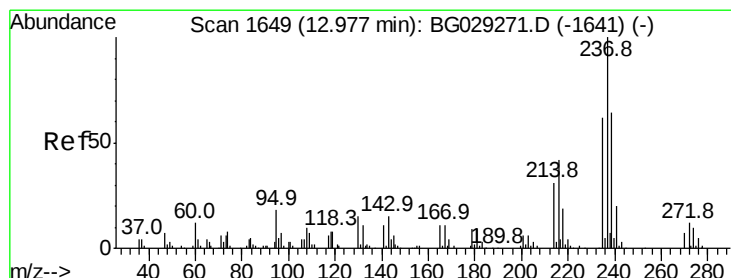
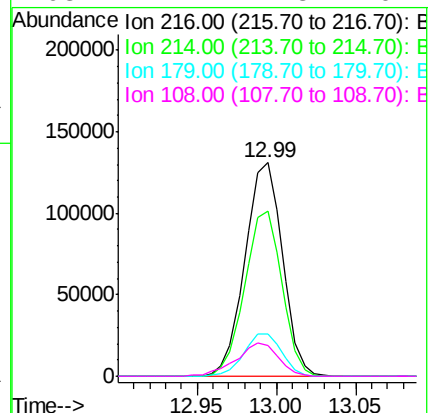
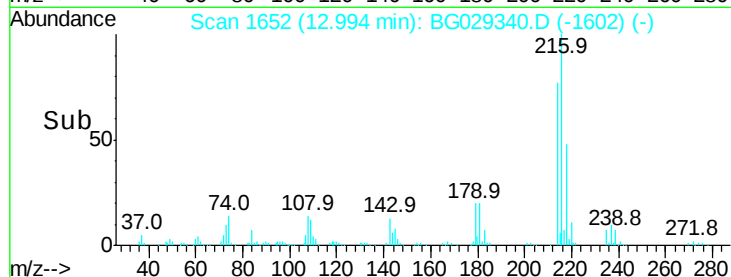
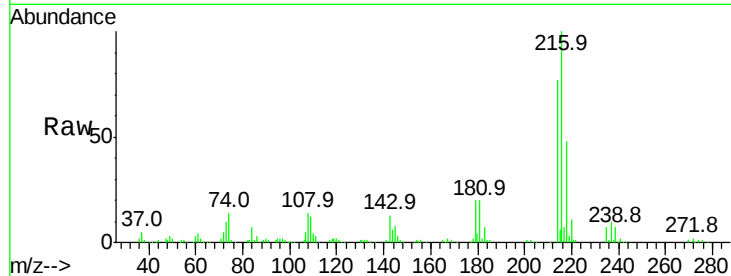
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.985 ng
 RT: 12.99 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	215209		
214	76.6	63.0	94.4	
179	20.2	17.0	25.6	
108	17.7	12.8	19.2	

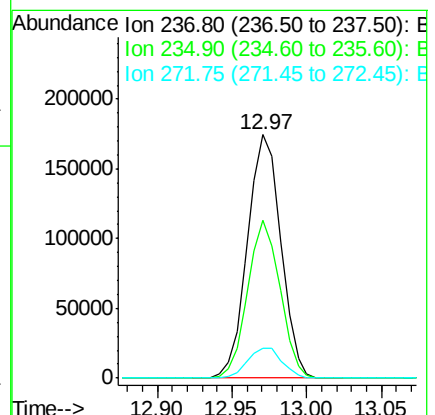
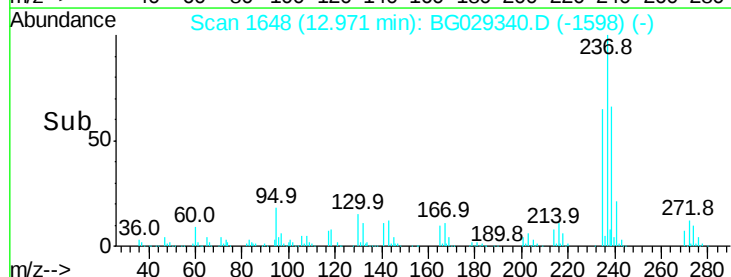
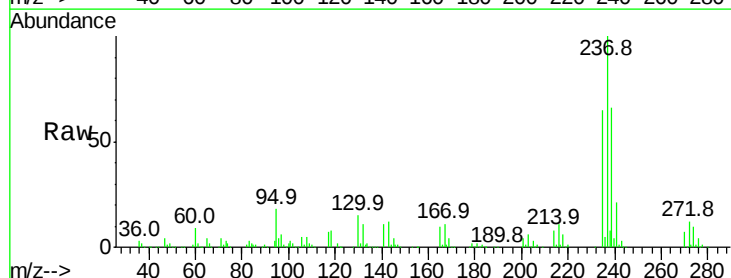
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#40
 Hexachlorocyclopentadiene
 Concen: 98.078 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	269703		
235	64.9	50.4	90.4	
272	12.5	0.0	31.8	





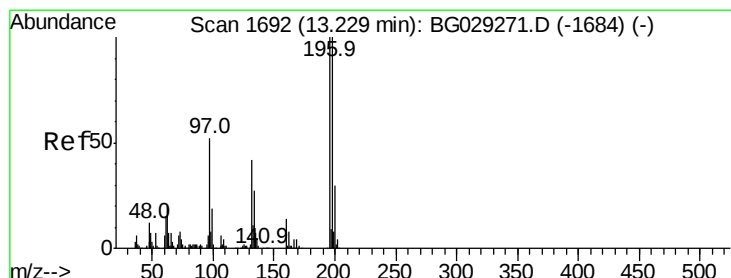
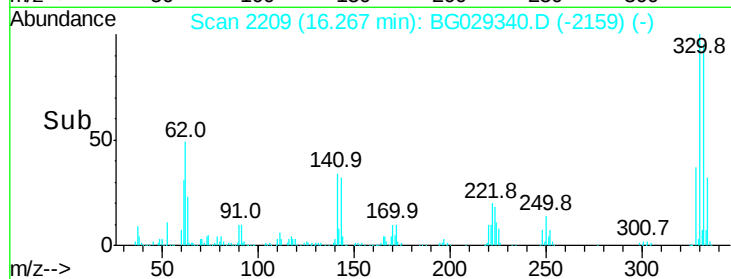
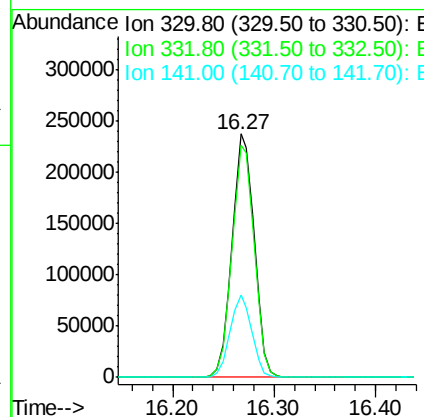
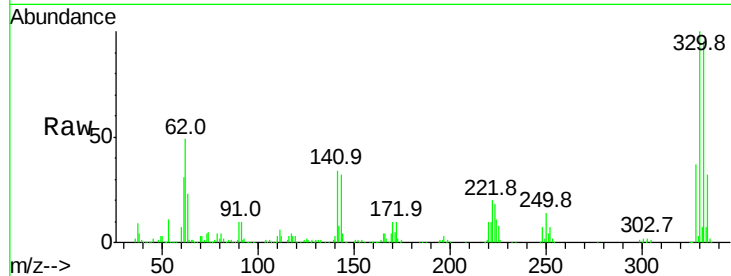
#41
 2,4,6-Tribromophenol
 Concen: 142.059 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	360555		
332	95.7	77.0	115.6	
141	33.2	25.2	37.8	

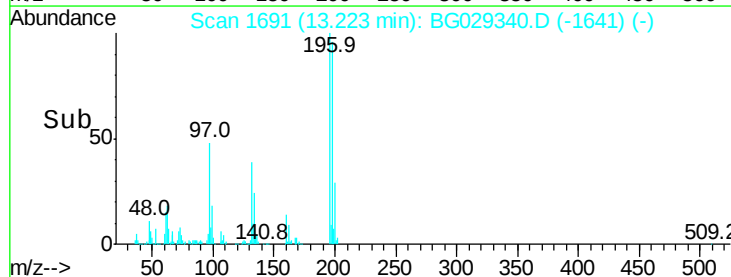
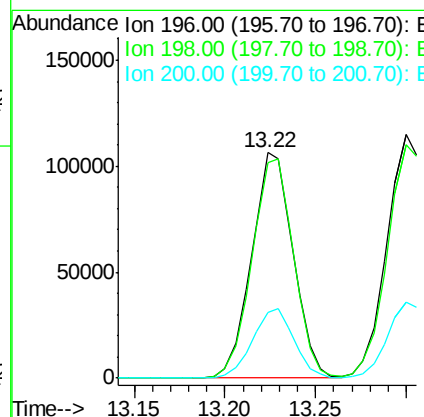
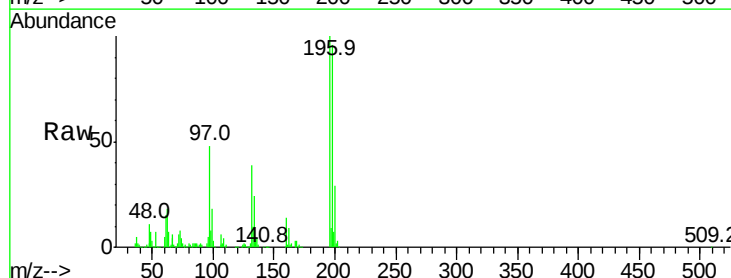
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 37.565 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169251		
198	95.6	78.2	117.2	
200	29.2	24.6	36.8	





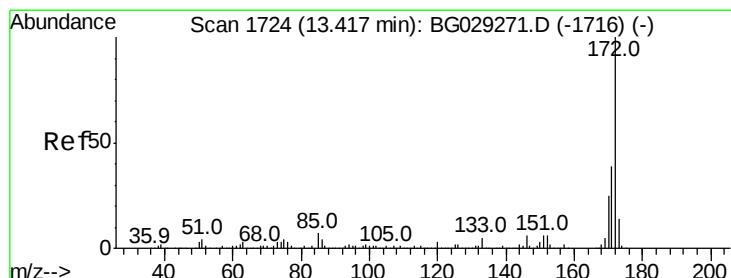
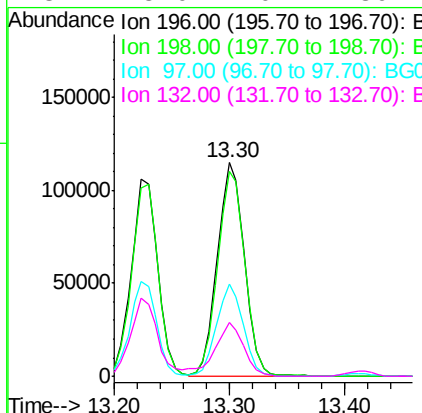
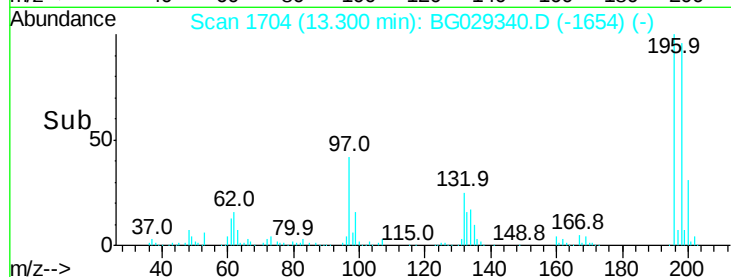
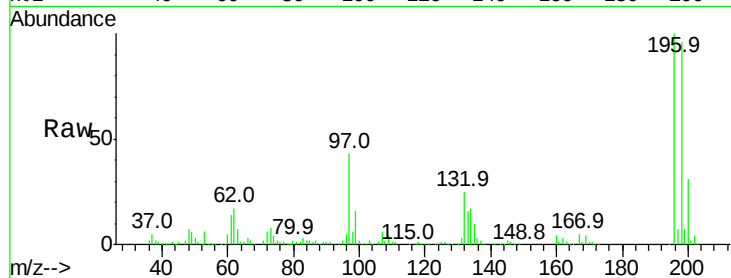
#43
 2,4,5-Trichlorophenol
 Concen: 40.352 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion	196	Resp	186714
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.2	114.4
97	42.9	38.7	58.1
132	25.0	20.2	30.2

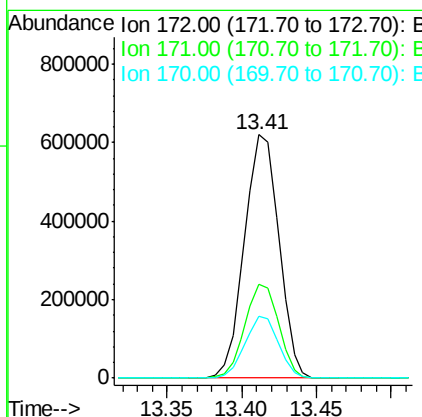
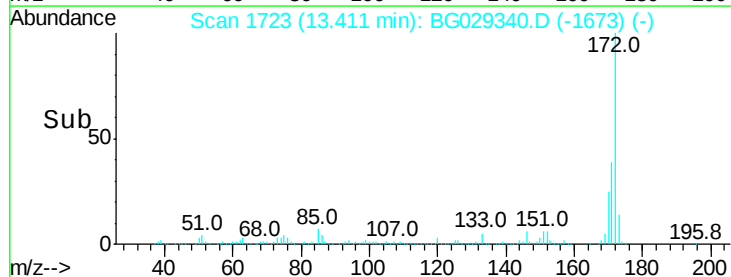
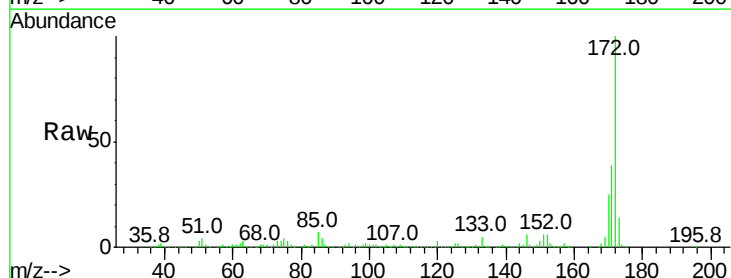
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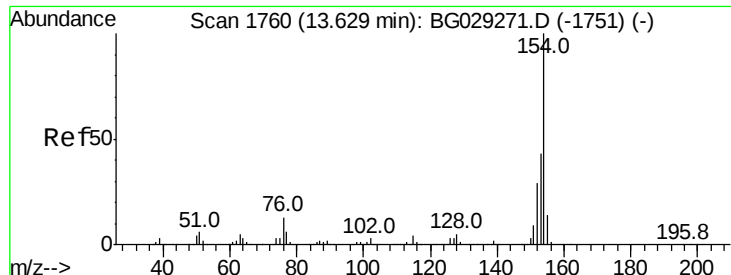
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#44
 2-Fluorobiphenyl
 Concen: 73.888 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	172	Resp	990353
Ion Ratio	Lower	Upper	
172	100		
171	38.5	30.0	45.0
170	25.4	19.5	29.3





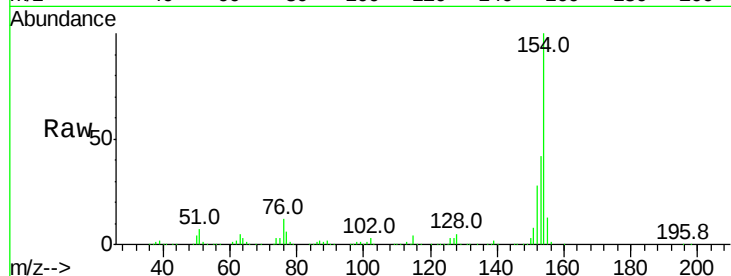
#45
 1,1'-Biphenyl
 Concen: 32.240 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

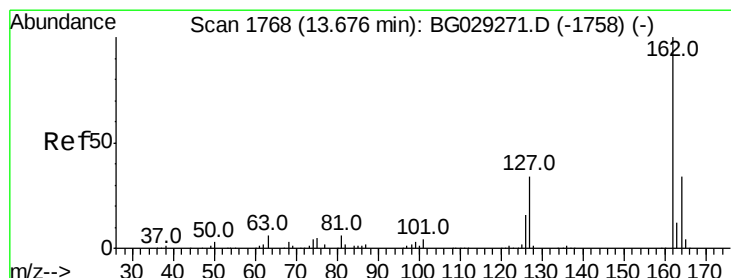
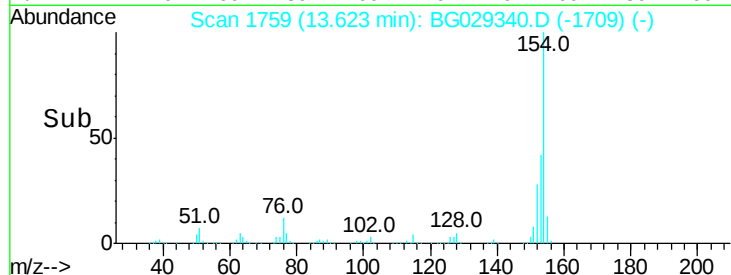
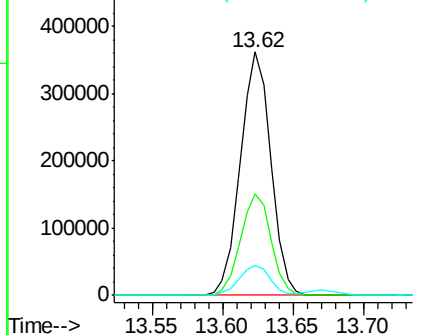
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.7	19.8	59.8	
76	12.0	0.0	31.9	

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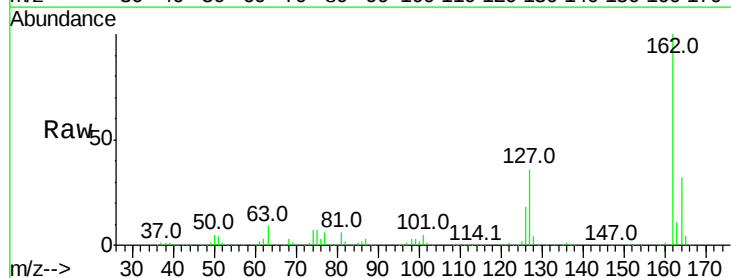


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

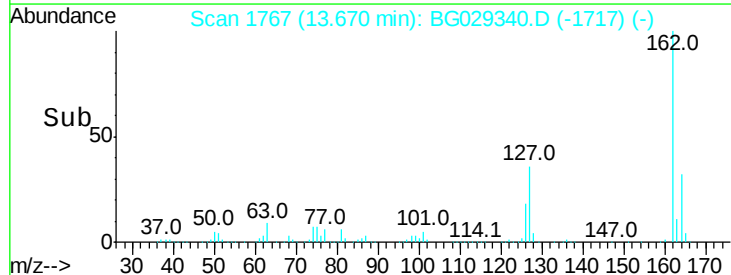
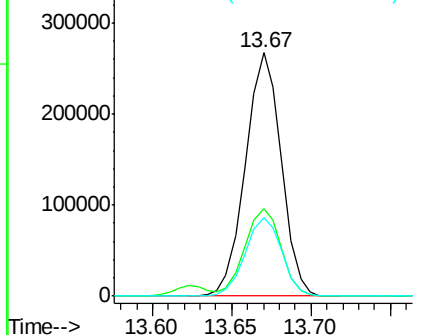


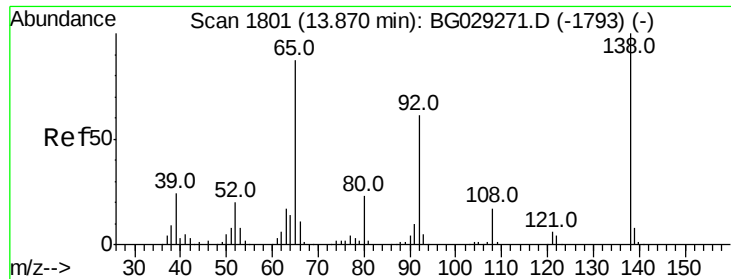
#46
 2-Chloronaphthalene
 Concen: 33.878 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.8	30.7	46.1	
164	32.4	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: 42.608 ng

RT: 13.86 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

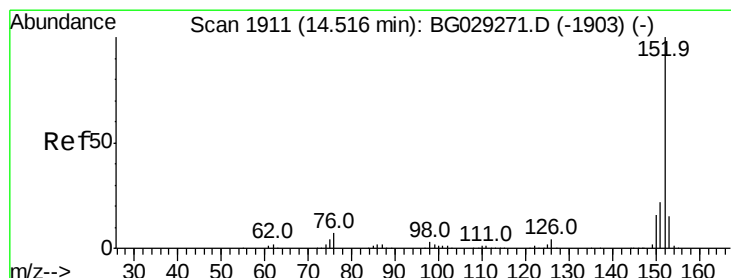
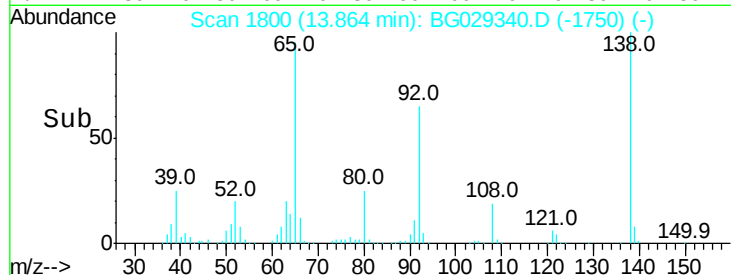
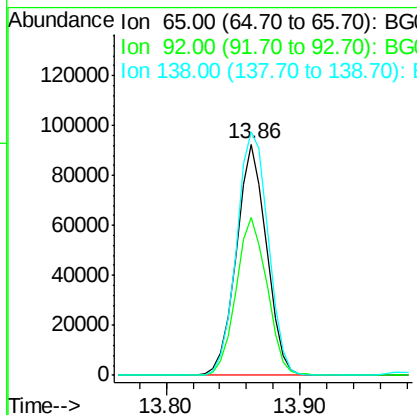
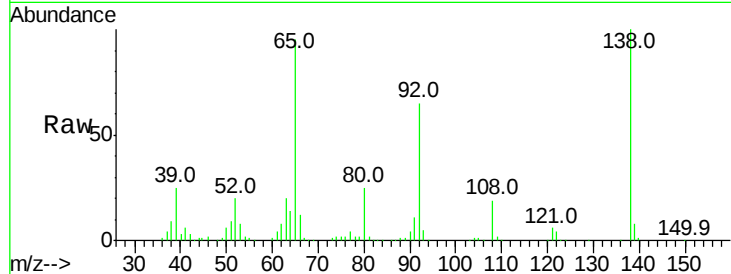
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:	65	Resp:	144240
Ion Ratio	Lower	Upper	
65	100		
92	68.5	54.6	82.0
138	105.5	72.9	109.3

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#48

Acenaphthylene

Concen: 34.876 ng

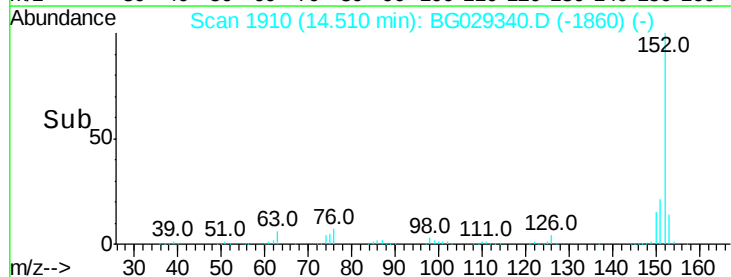
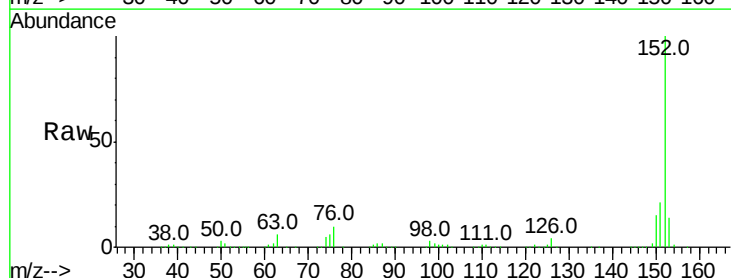
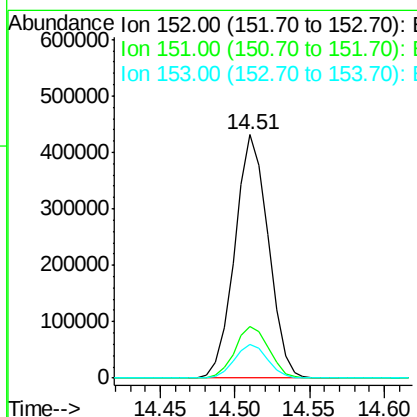
RT: 14.51 min Scan# 1910

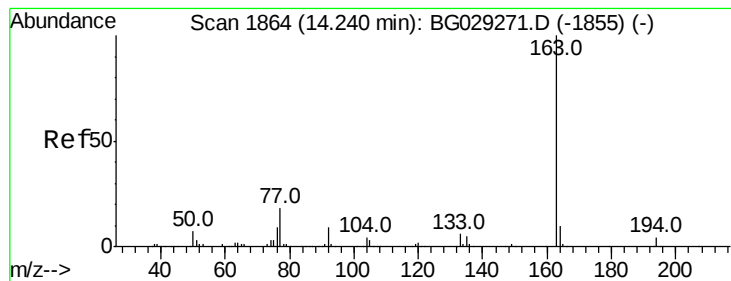
Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	152	Resp:	672713
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.2	25.8
153	13.9	10.2	15.4





#49

Dimethylphthalate

Concen: 51.613 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

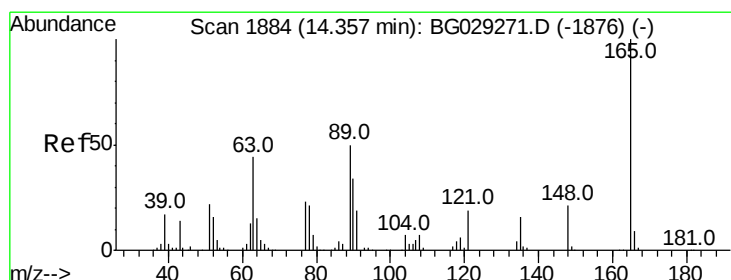
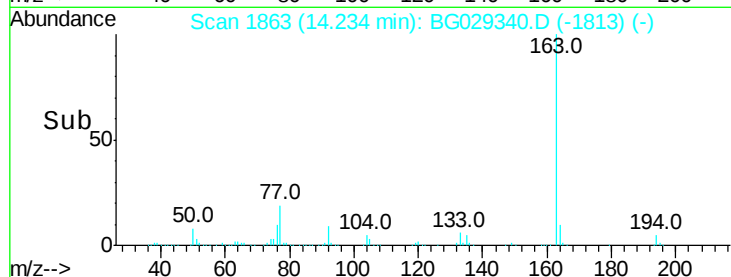
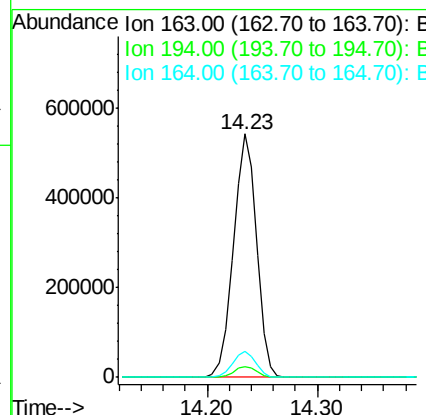
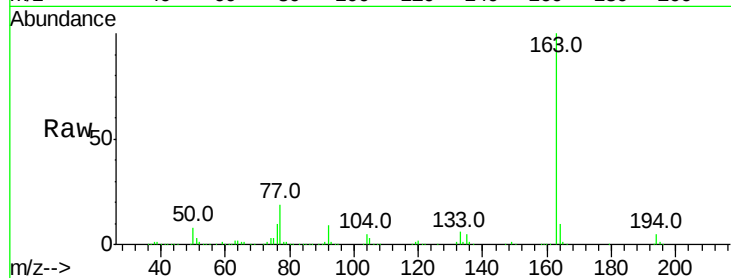
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:	163	Resp:	791625
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	10.5	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 40.775 ng

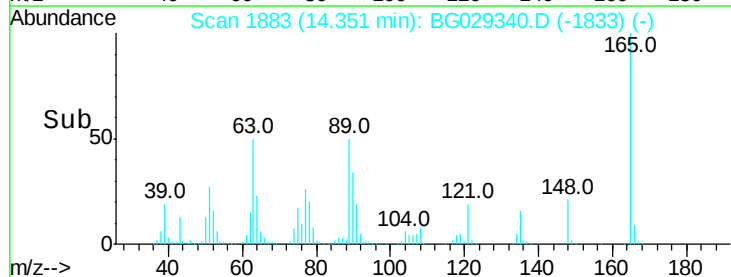
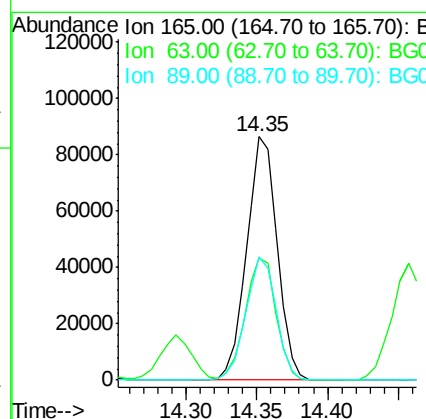
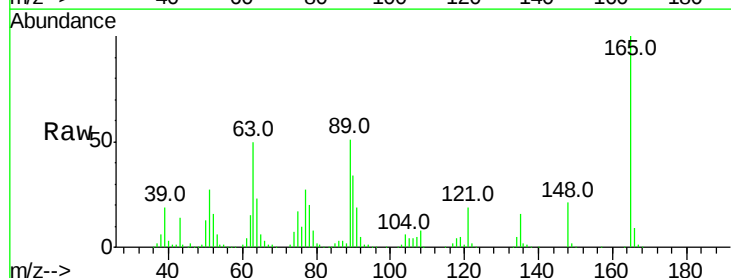
RT: 14.35 min Scan# 1883

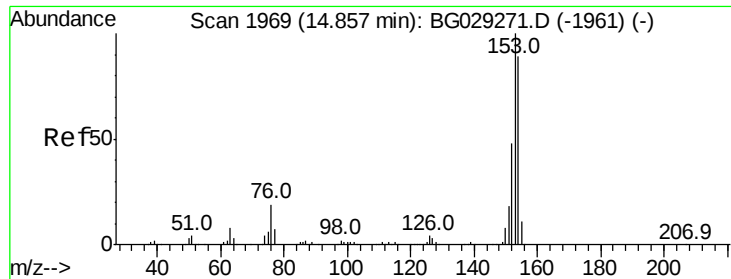
Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	165	Resp:	131102
Ion Ratio	Lower	Upper	
165	100		
63	49.9	52.7	79.1#
89	50.6	49.2	73.8





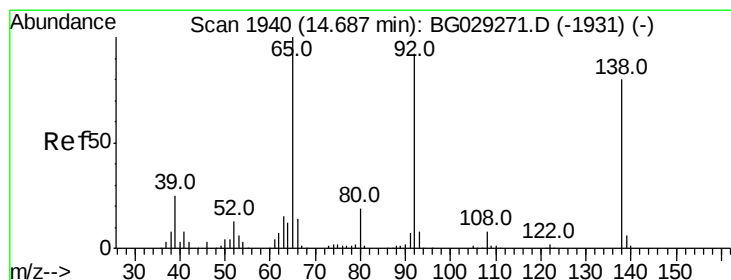
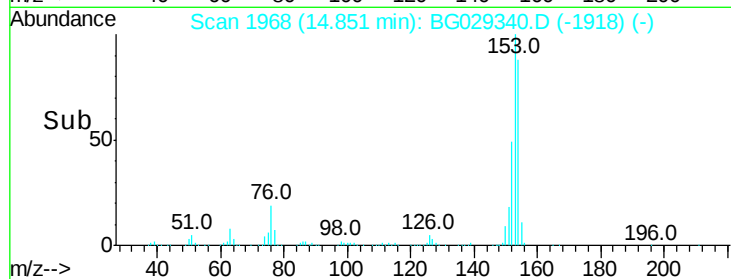
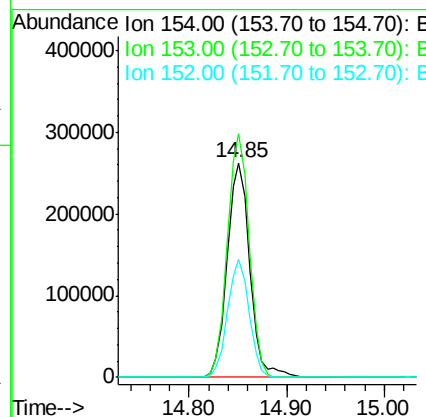
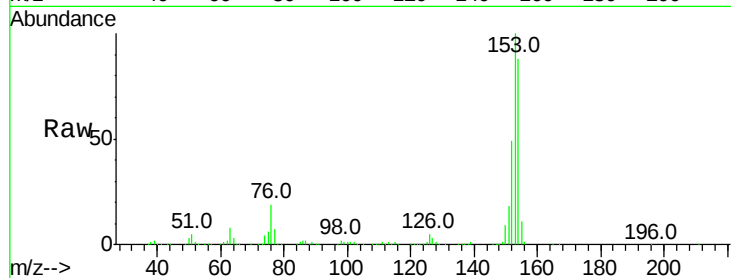
#51
Acenaphthene
Concen: 33.752 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.4	135.6
152	55.2	41.6	62.4

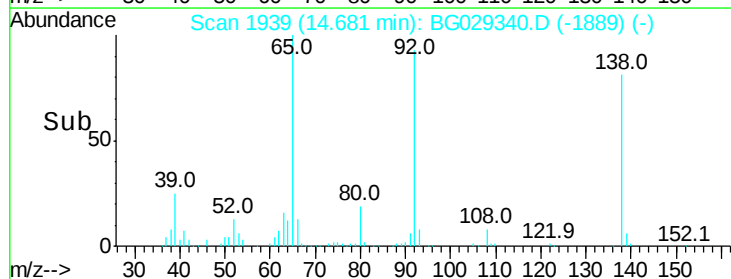
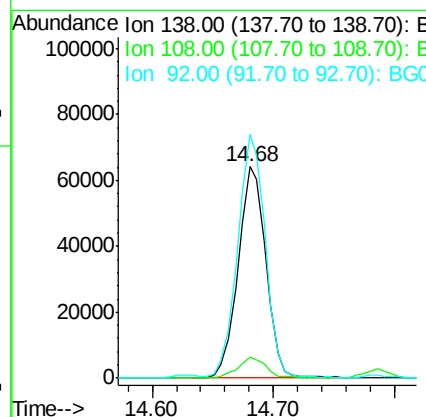
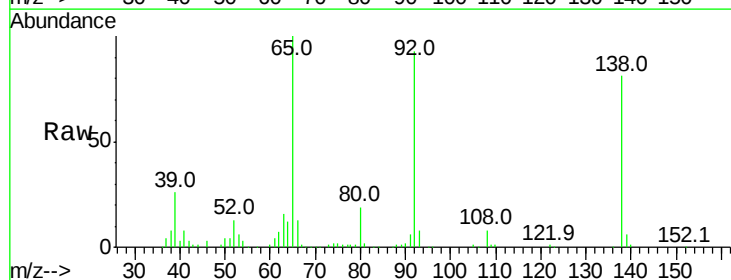
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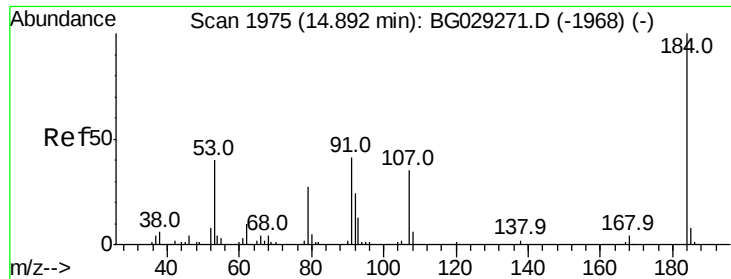
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#52
3-Nitroaniline
Concen: 29.807 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	17.5	26.3#
92	115.2	105.8	158.8





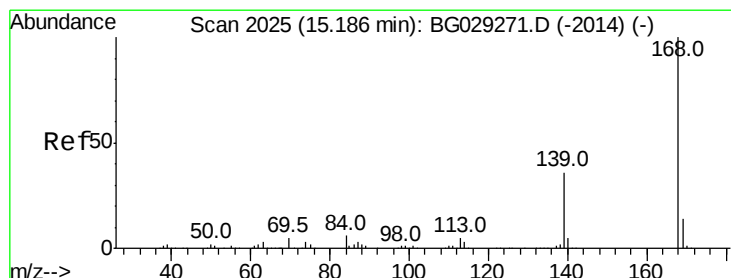
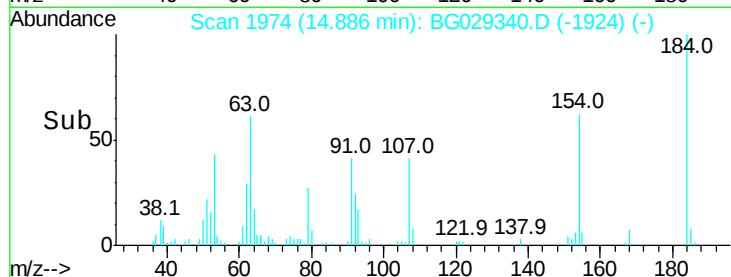
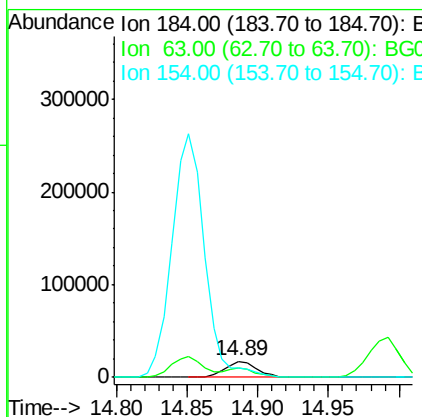
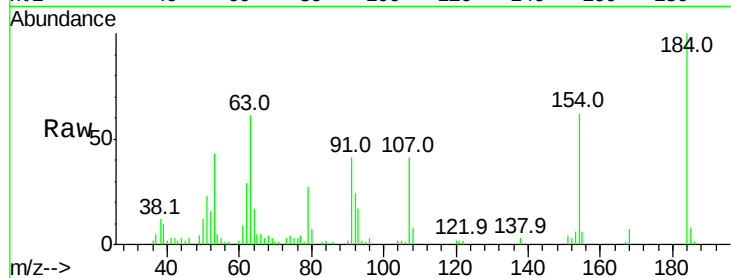
#53
 2,4-Dinitrophenol
 Concen: 21.023 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.9	59.8	89.8
154	62.1	101.8	152.8#

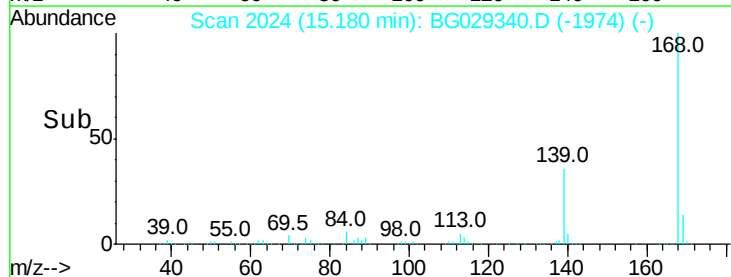
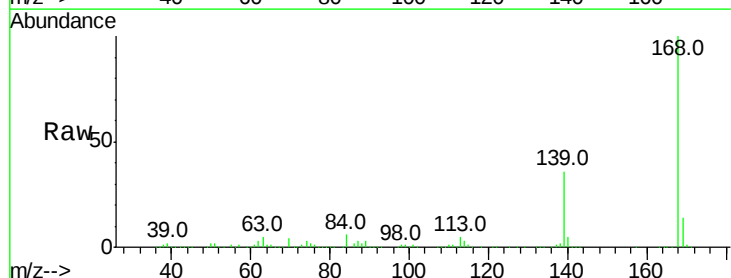
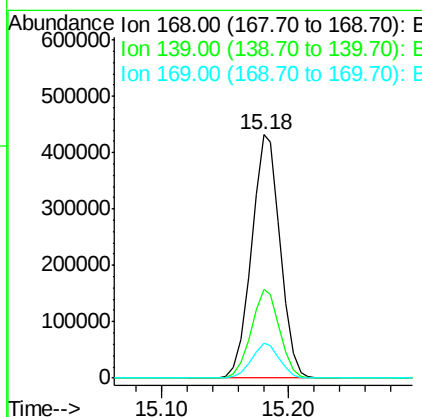
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#54
 Dibenzofuran
 Concen: 37.643 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.6	43.0
169	14.2	11.2	16.8





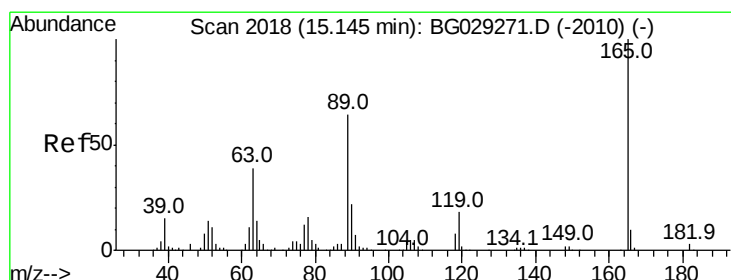
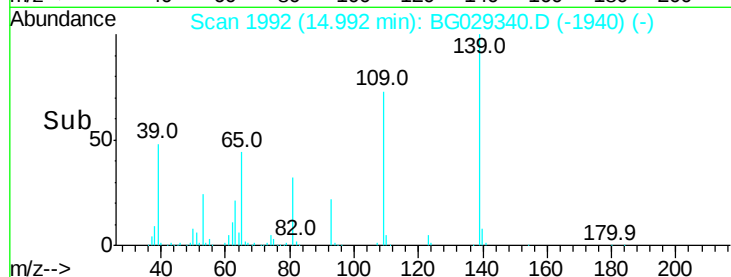
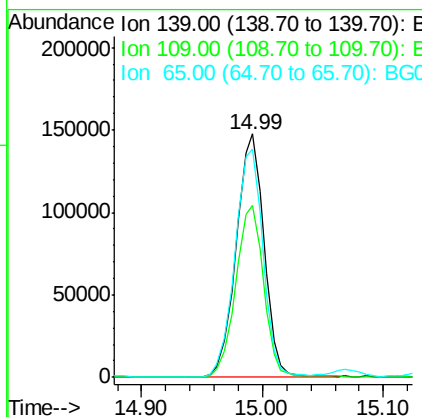
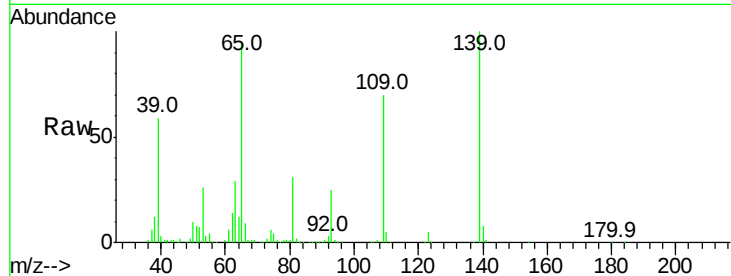
#55
4-Nitrophenol
Concen: 83.360 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.5	62.2	102.2	
65	93.6	97.2	137.2#	

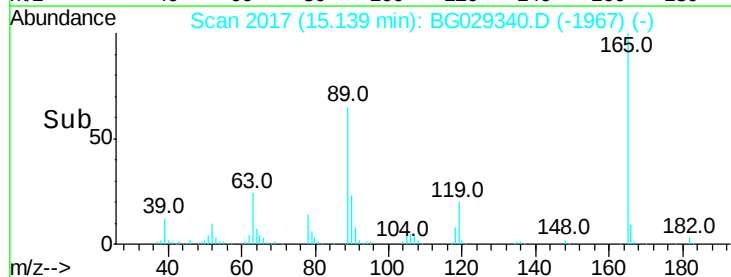
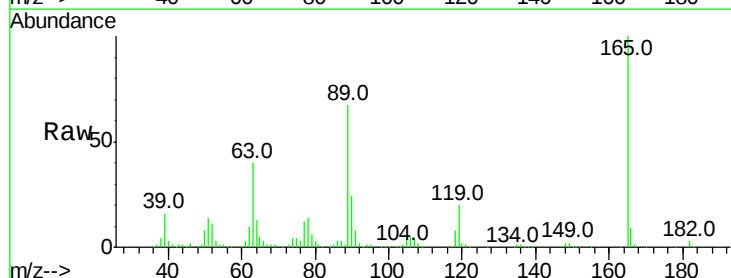
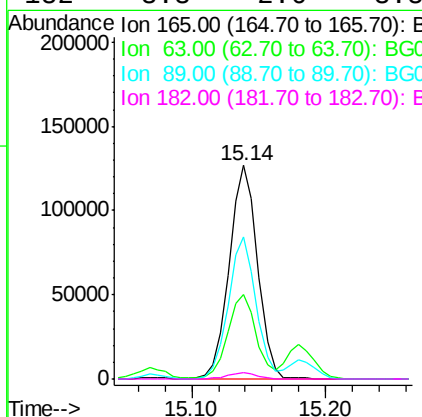
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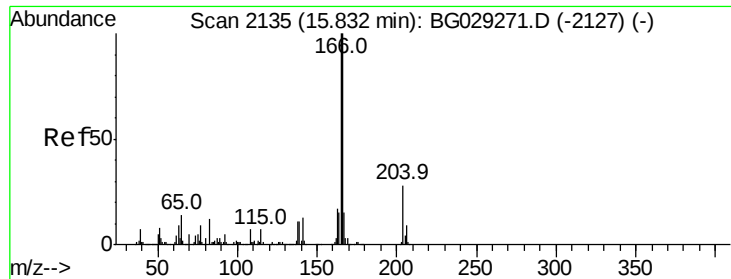
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#56
2,4-Dinitrotoluene
Concen: 43.018 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.7	42.0	63.0#	
89	66.7	66.9	100.3#	
182	3.3	2.6	3.8	





#57

Fluorene

Concen: 36.505 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

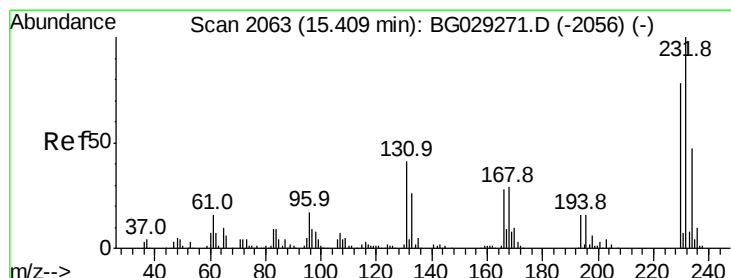
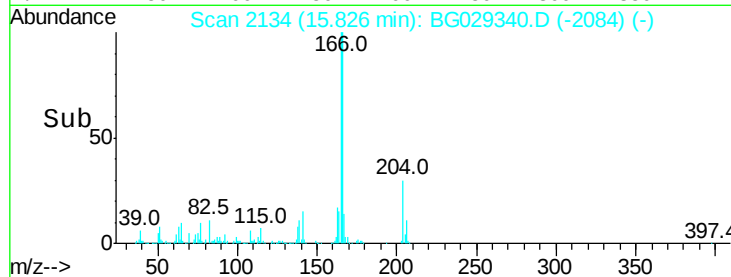
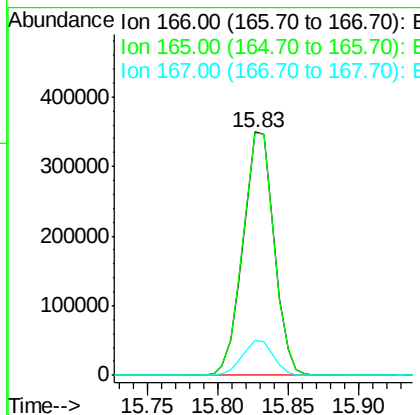
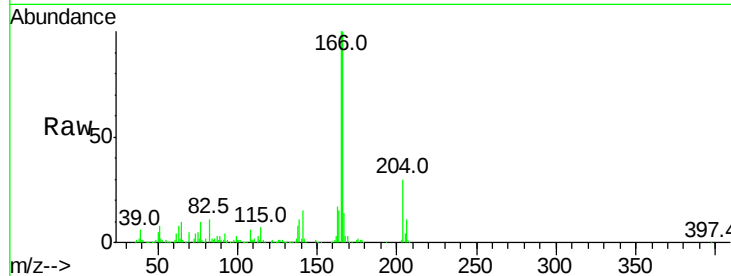
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:	166	Resp:	540285
Ion Ratio	Lower	Upper	
166	100		
165	99.7	80.6	121.0
167	14.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.439 ng

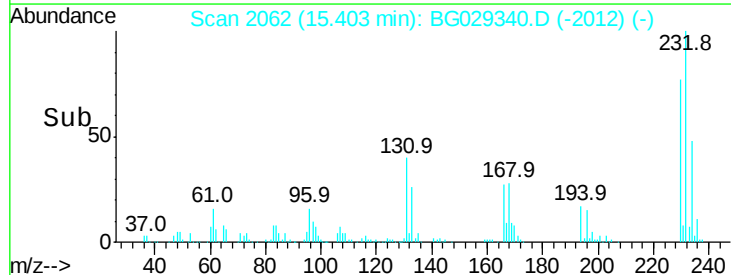
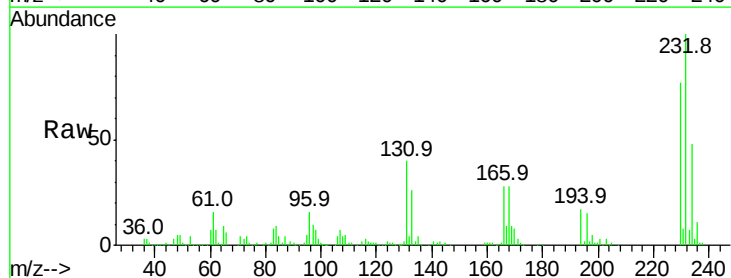
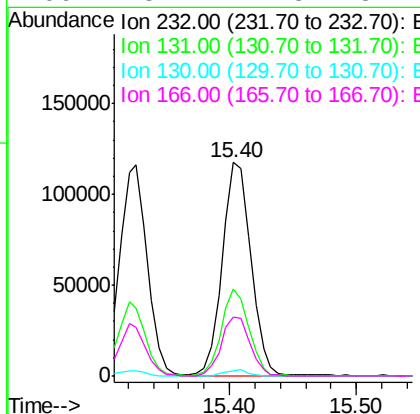
RT: 15.40 min Scan# 2062

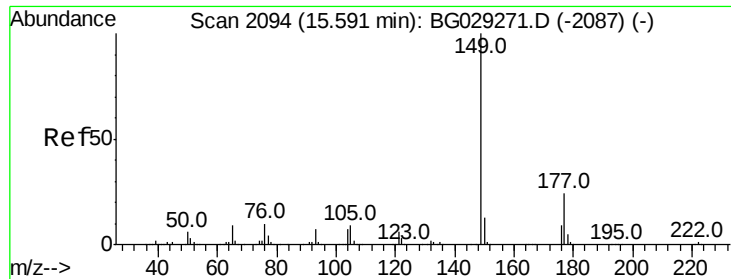
Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	232	Resp:	183134
Ion Ratio	Lower	Upper	
232	100		
131	38.9	33.5	50.3
130	2.2	2.2	3.2
166	28.2	24.8	37.2





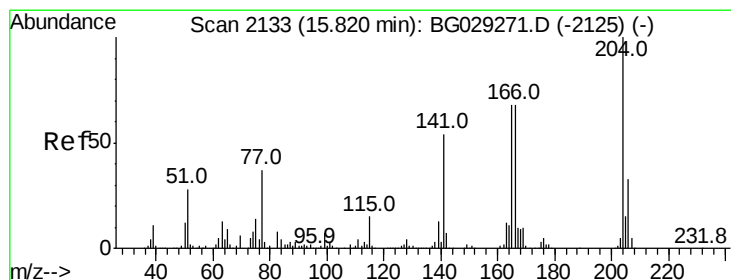
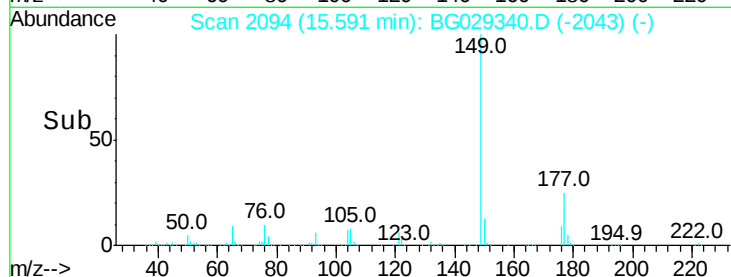
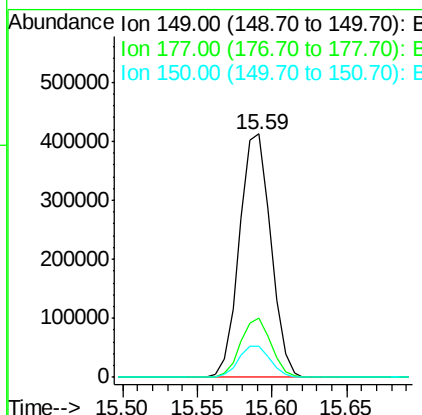
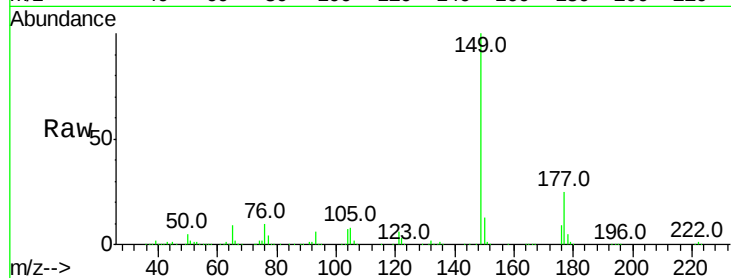
#59
Diethylphthalate
Concen: 39.344 ng
RT: 15.59 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	601400		
177	24.6	18.5	27.7	
150	13.0	10.2	15.2	

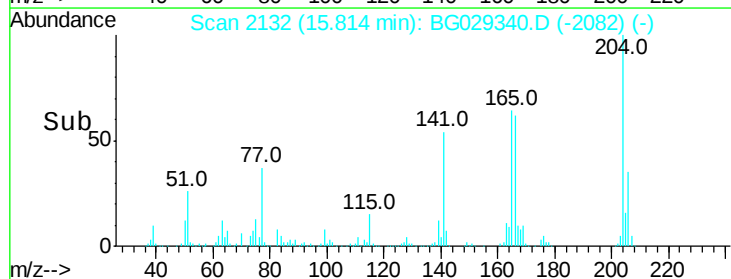
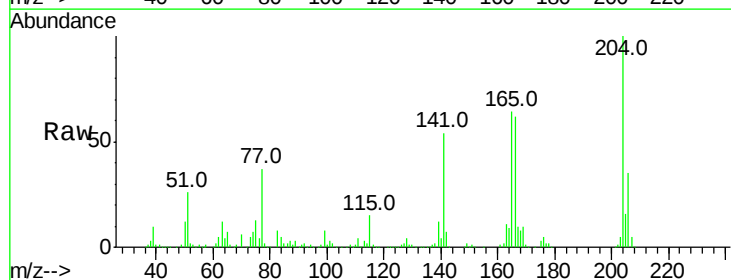
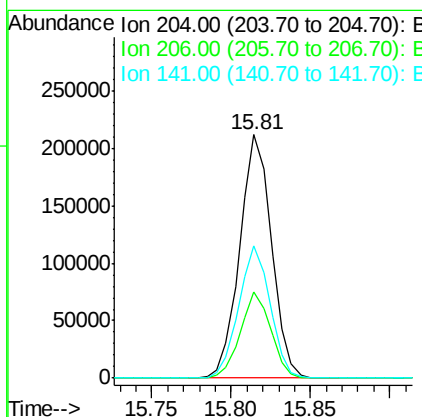
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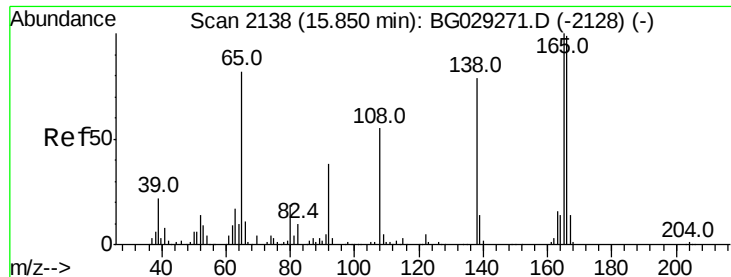
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#60
4-Chlorophenyl-phenylether
Concen: 37.284 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	294213		
206	35.2	26.2	39.2	
141	54.1	45.8	68.6	





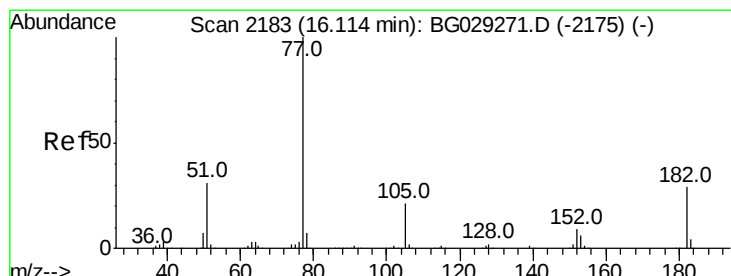
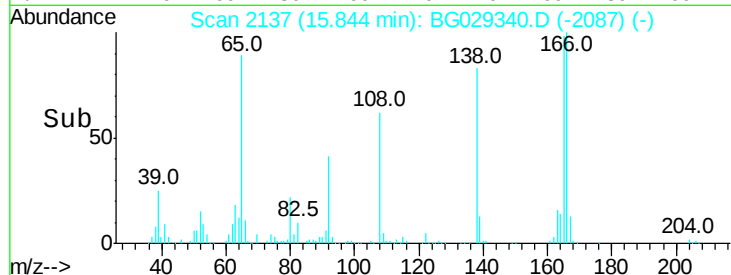
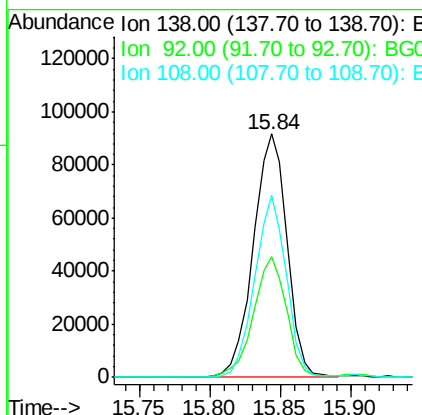
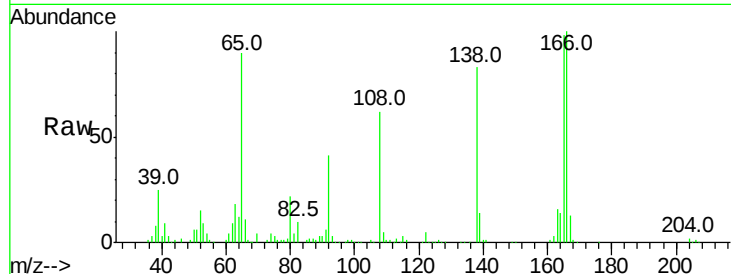
#61
4-Nitroaniline
Concen: 43.202 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	153913		
92	49.4	40.1	80.1	
108	75.1	65.4	105.4	

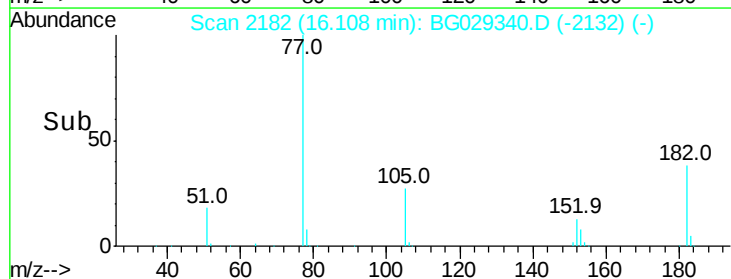
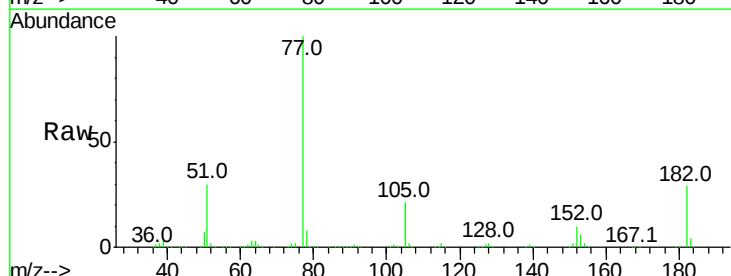
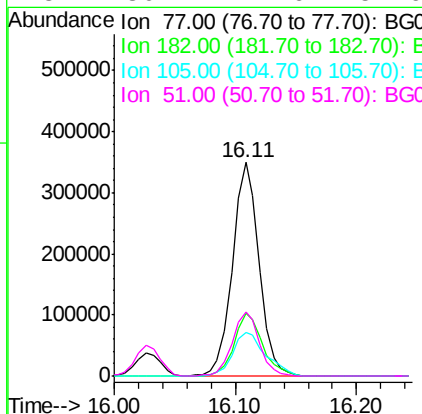
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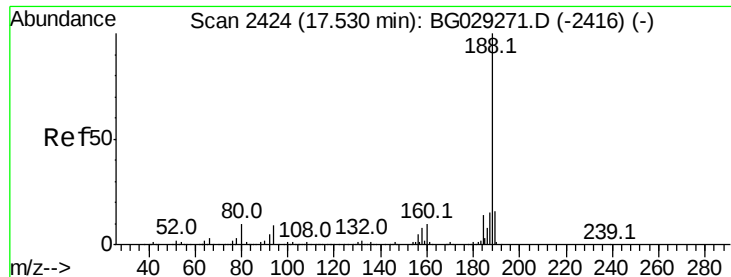
Sohil
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#62
Azobenzene
Concen: 41.389 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	533502		
182	29.2	7.4	47.4	
105	20.7	0.3	40.3	
51	30.1	11.6	51.6	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

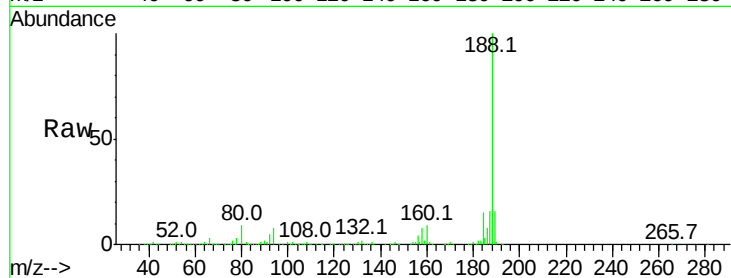
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:	188	Resp:	486442
Ion Ratio	Lower	Upper	
188	100		
94	8.5	6.9	10.3
80	9.1	7.7	11.5

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

17.52

300000

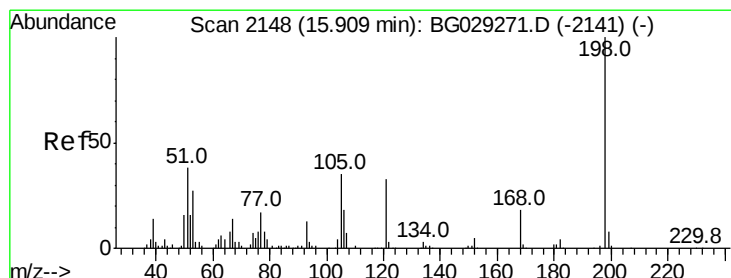
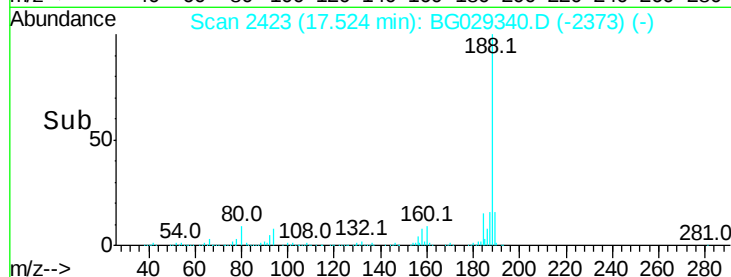
200000

100000

0

17.50 17.60

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 35.404 ng

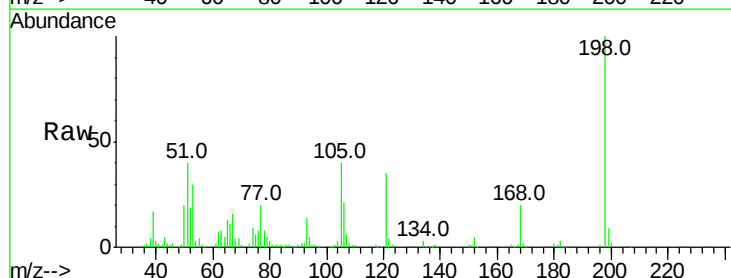
RT: 15.90 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	198	Resp:	93884
Ion Ratio	Lower	Upper	
198	100		
51	40.3	30.6	70.6
105	39.8	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

15.90

80000

60000

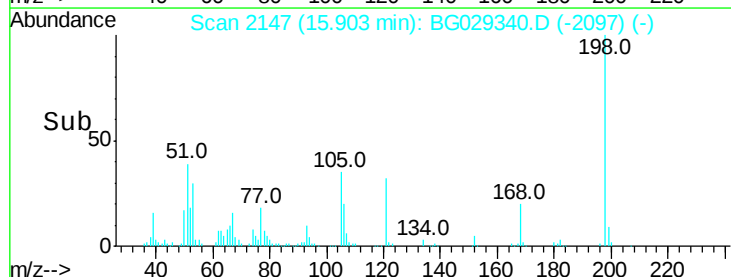
40000

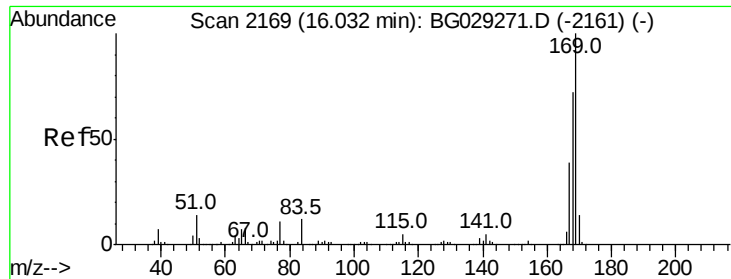
20000

0

15.80 15.90 16.00

Time-->





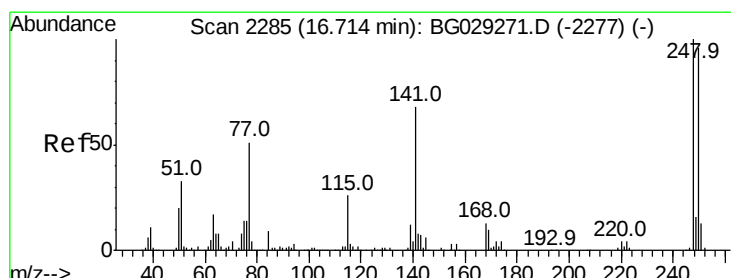
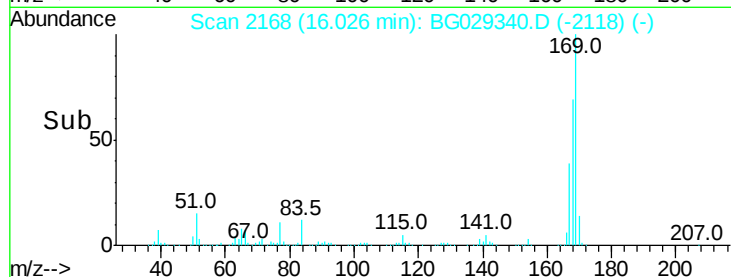
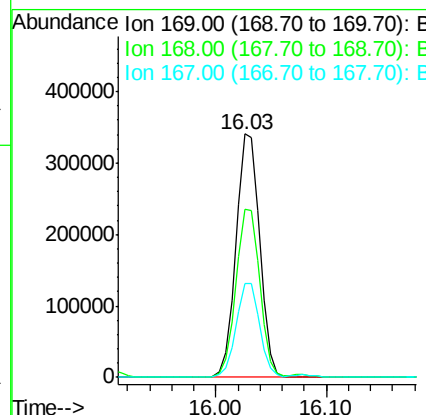
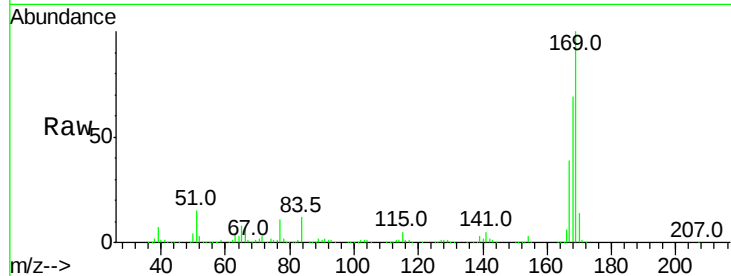
#65
 n-Nitrosodiphenylamine
 Concen: 35.305 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.7	83.5
167	38.6	30.1	45.1

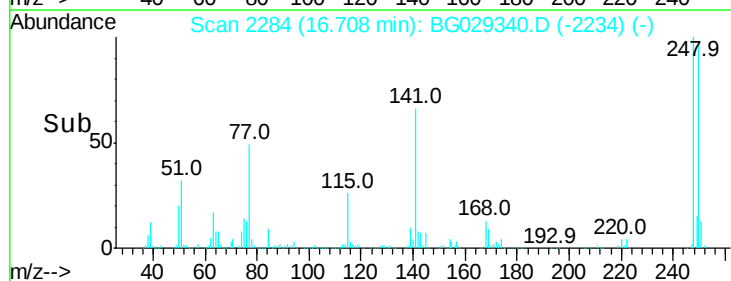
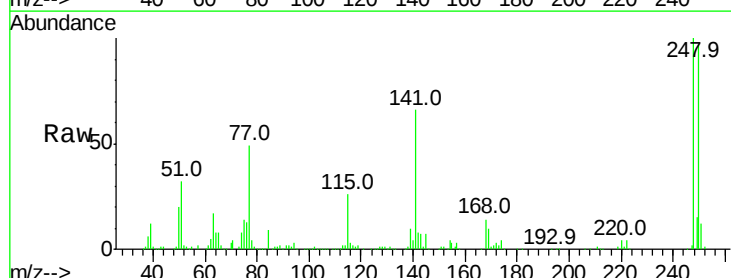
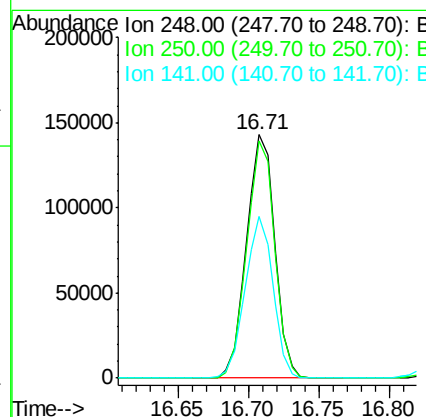
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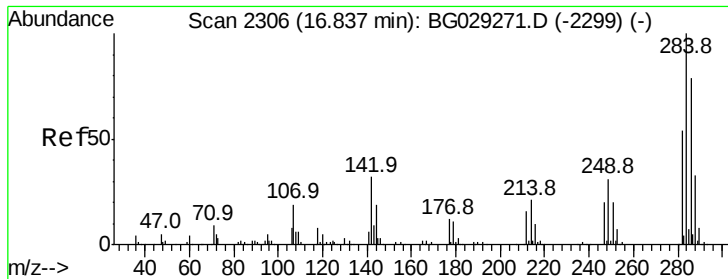
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#66
 4-Bromophenyl-phenylether
 Concen: 36.038 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.1	115.7
141	66.2	50.8	76.2





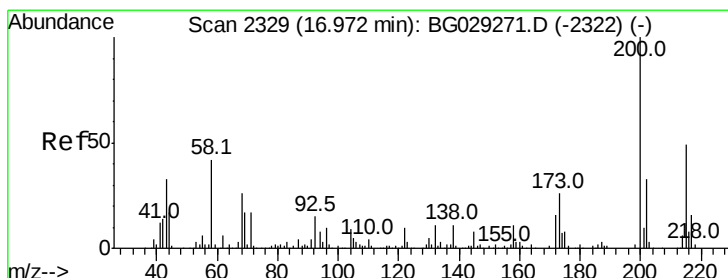
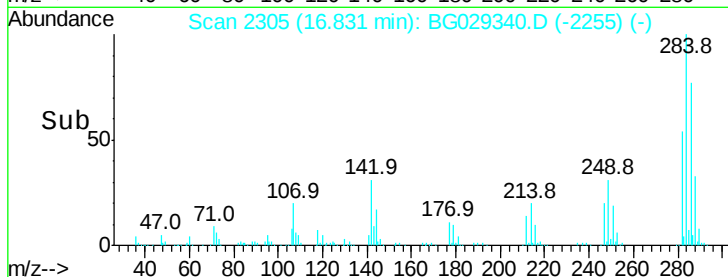
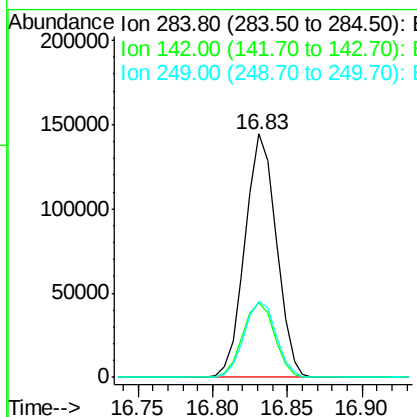
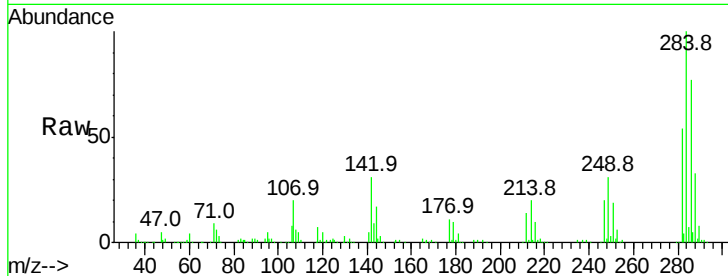
#67
Hexachlorobenzene
Concen: 33.378 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	211041		
142	30.5	26.8	40.2	
249	31.0	26.3	39.5	

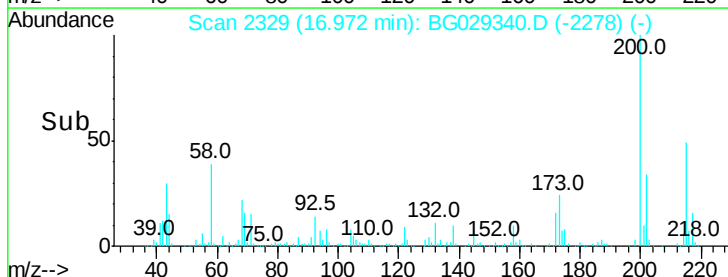
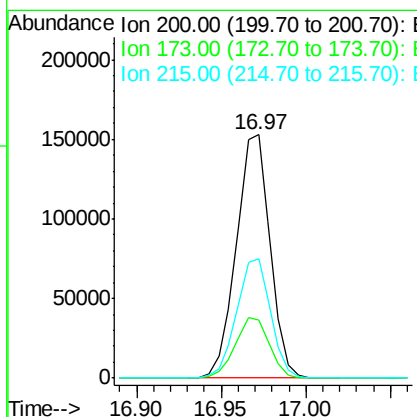
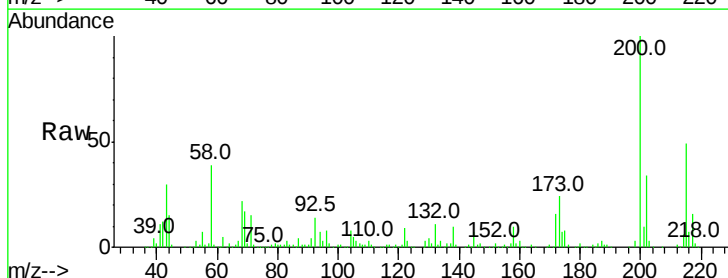
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#68
Atrazine
Concen: 40.926 ng
RT: 16.97 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	212790		
173	23.9	5.2	45.2	
215	49.2	30.4	70.4	





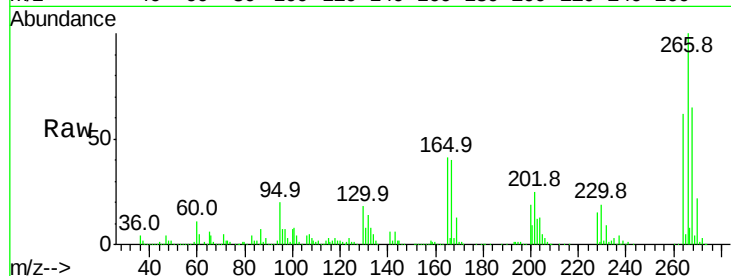
#69
 Pentachlorophenol
 Concen: 77.991 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

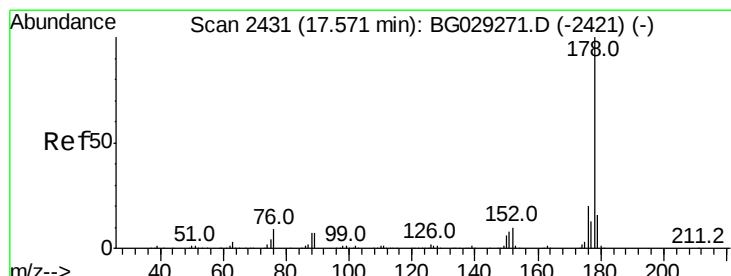
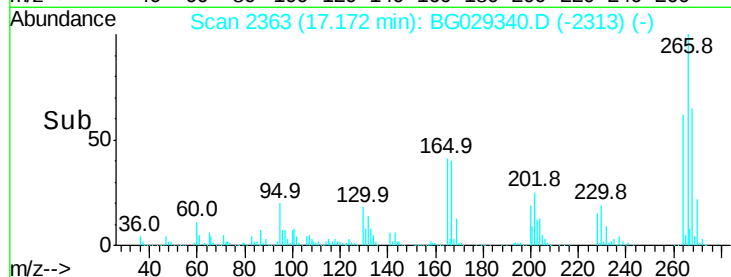
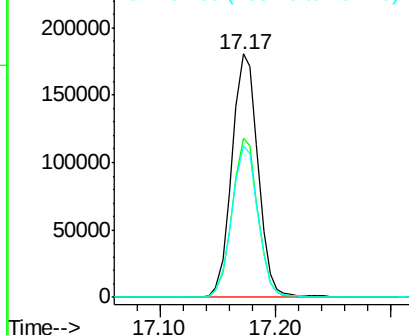
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	62.1	49.6	74.4

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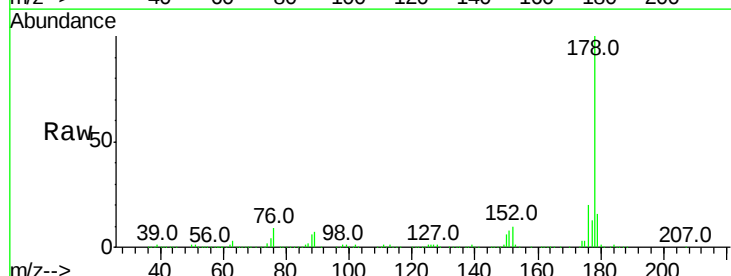


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

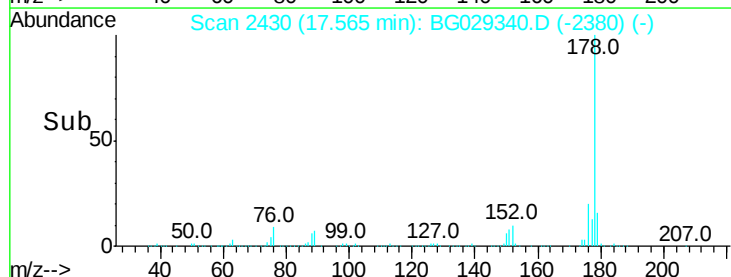
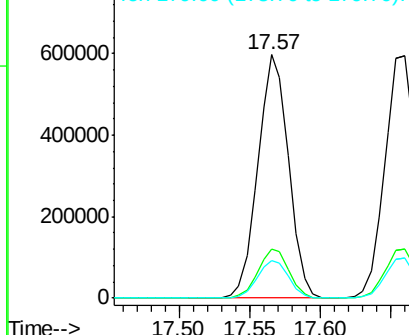


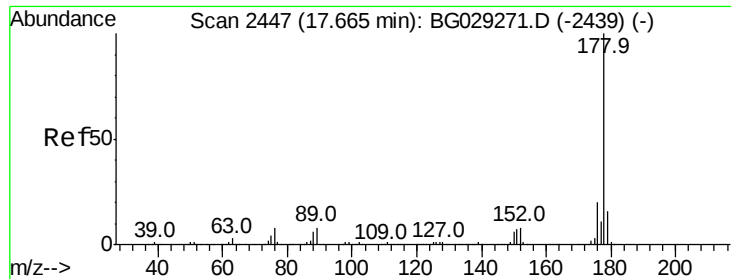
#70
 Phenanthrene
 Concen: 36.290 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	15.5	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





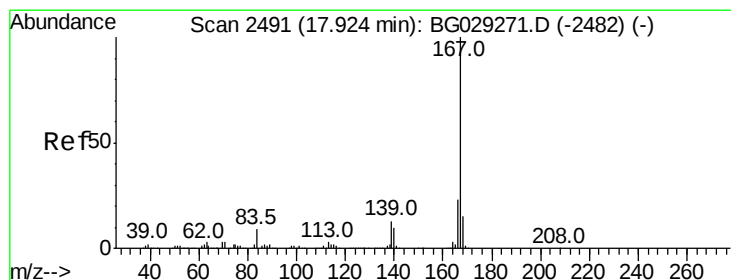
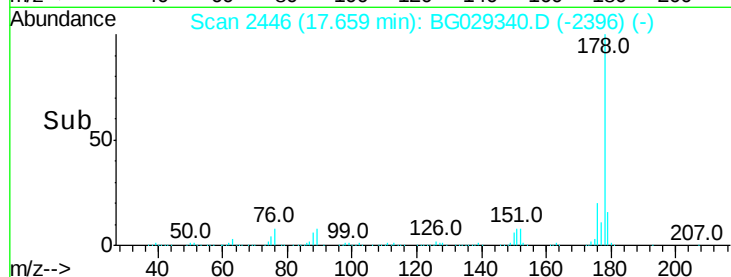
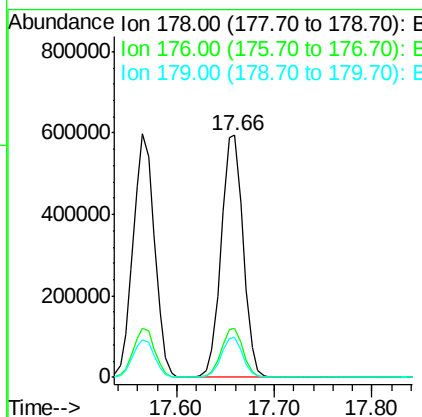
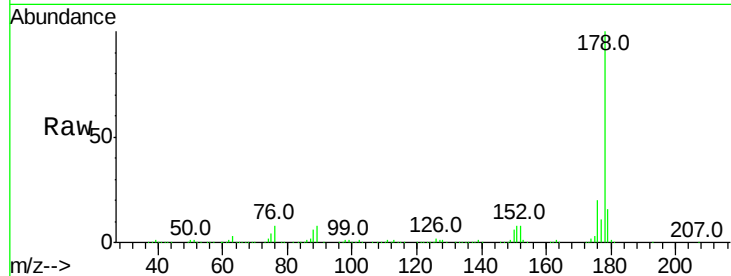
#71
 Anthracene
 Concen: 36.549 ng
 RT: 17.66 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.3	12.5	18.7

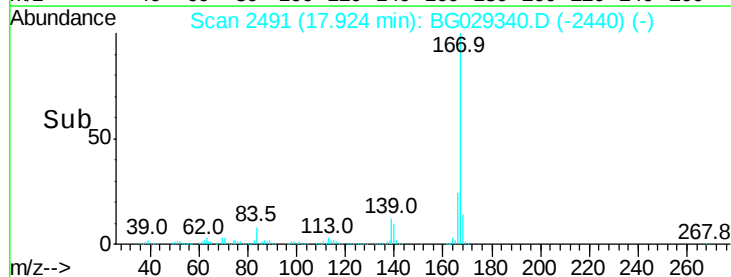
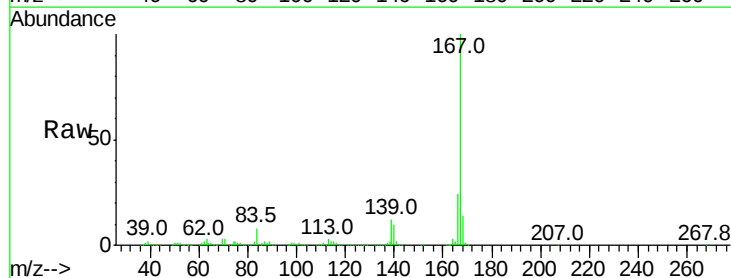
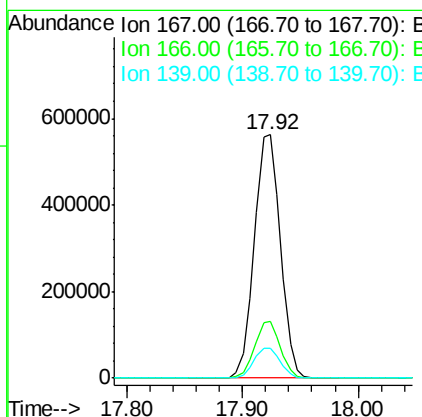
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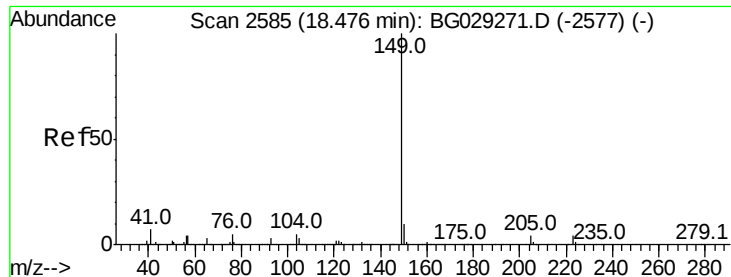
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#72
 Carbazole
 Concen: 36.709 ng
 RT: 17.92 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	12.4	9.4	14.2





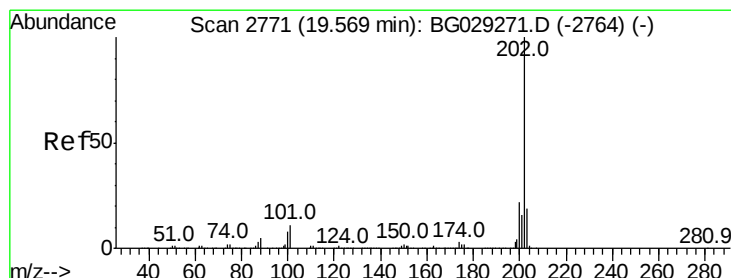
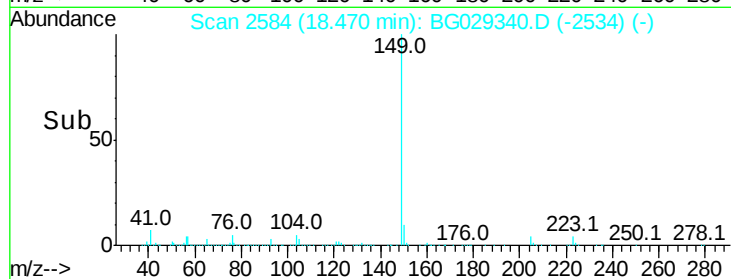
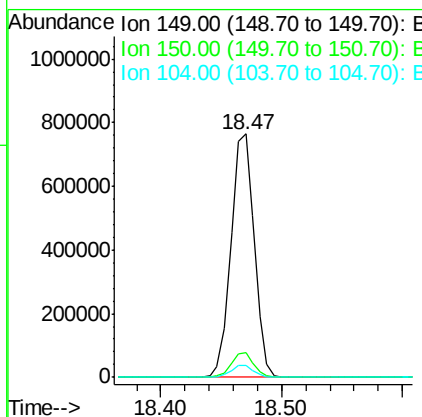
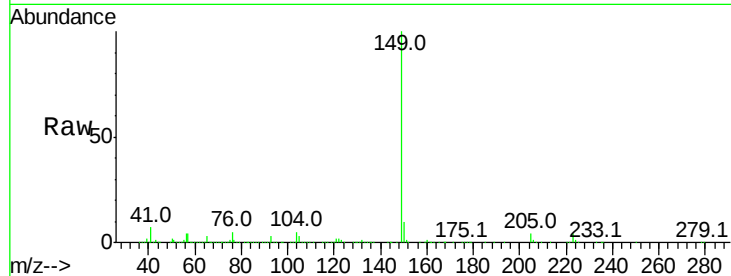
#73
Di-n-butylphthalate
Concen: 36.752 ng
RT: 18.47 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.2	3.9	5.9

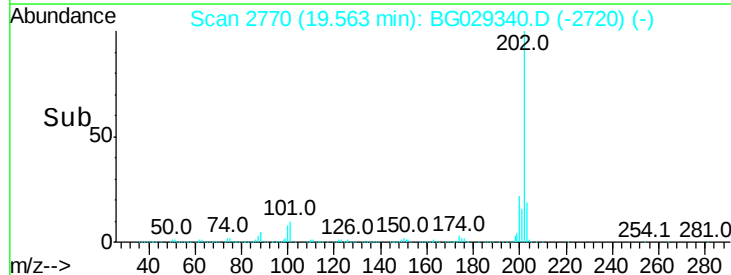
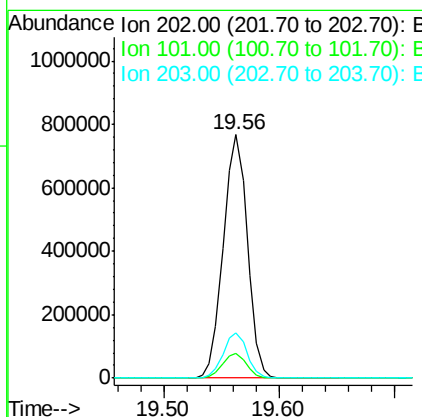
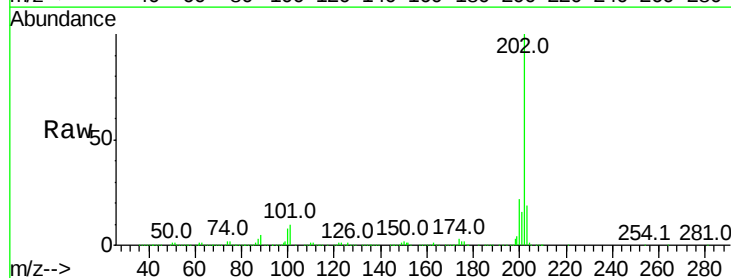
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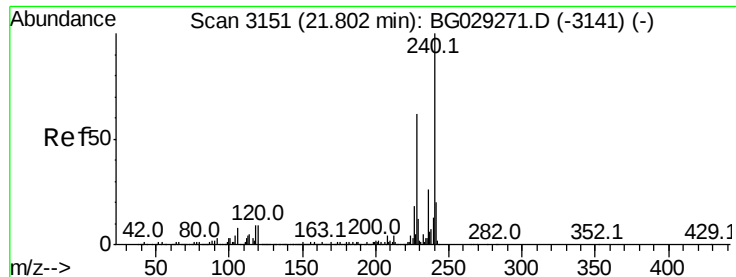
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#74
Fluoranthene
Concen: 37.650 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.9
203	18.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

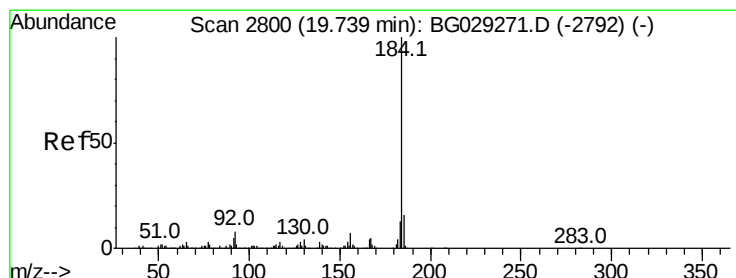
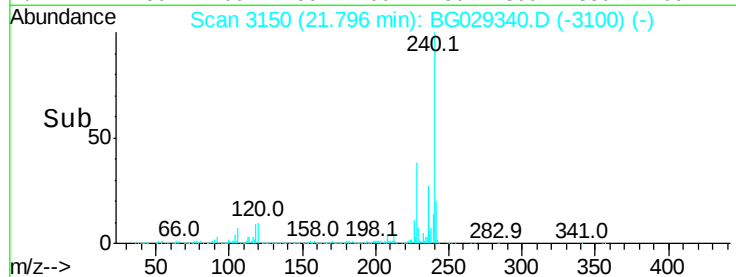
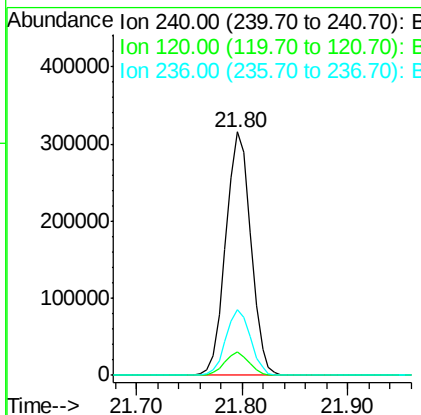
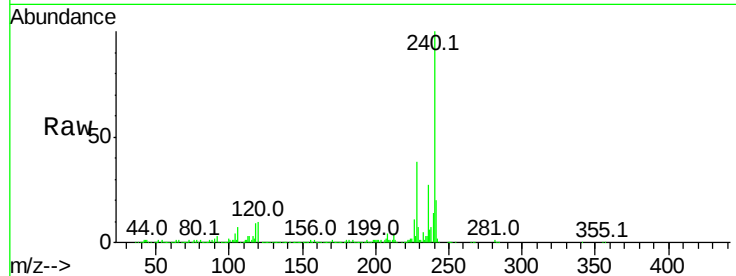
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:	240	Resp:	515741
Ion Ratio	Lower	Upper	
240	100		
120	9.7	6.8	10.2
236	27.2	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 31.047 ng

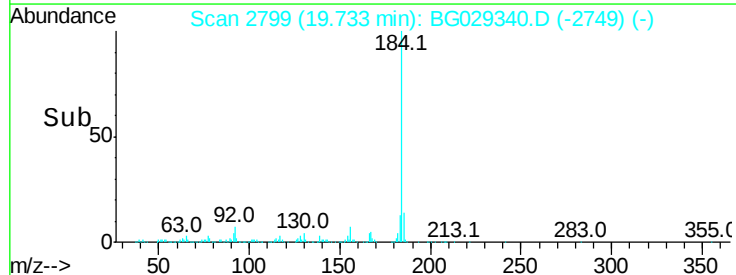
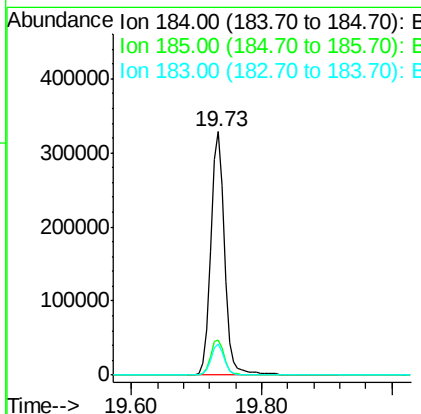
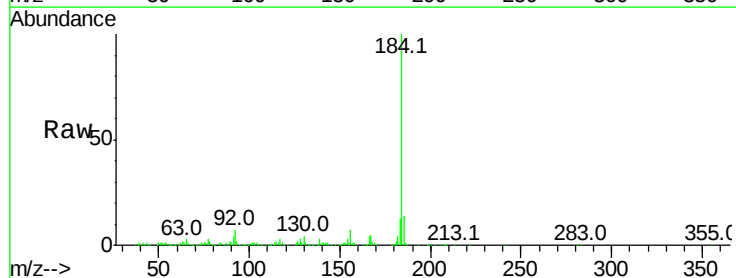
RT: 19.73 min Scan# 2799

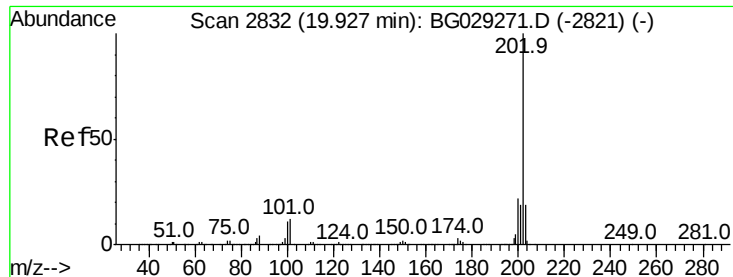
Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	184	Resp:	483470
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.1	16.7
183	13.0	10.6	16.0





#77

Pvrene

Concen: 36.009 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

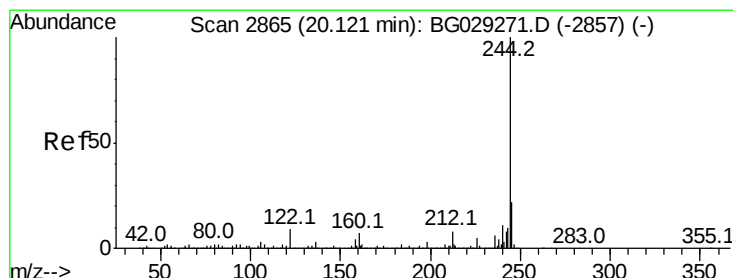
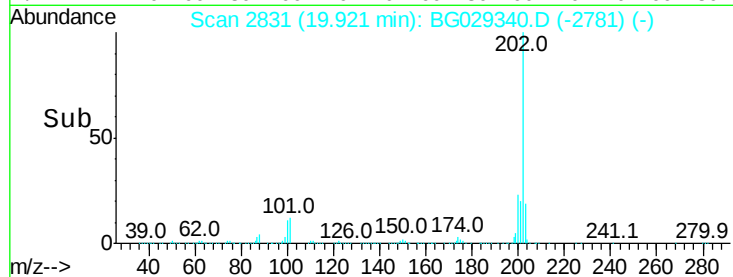
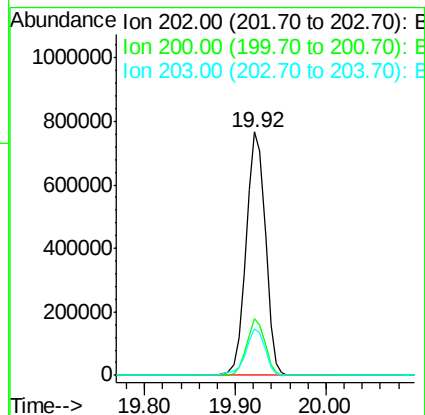
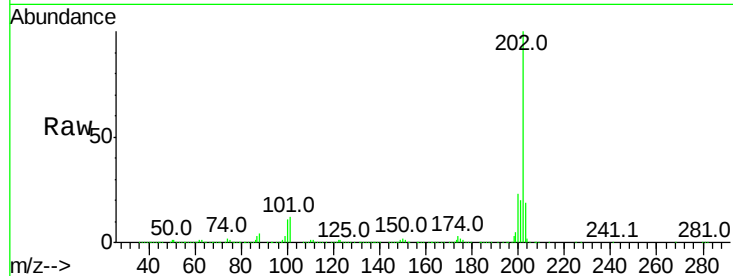
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:	202	Resp:	1126558
Ion Ratio	Lower	Upper	
202	100		
200	23.2	16.9	25.3
203	19.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 70.280 ng

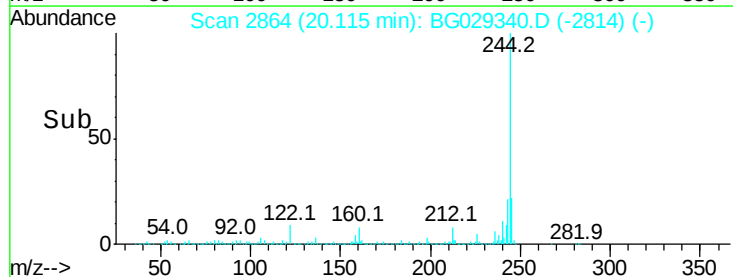
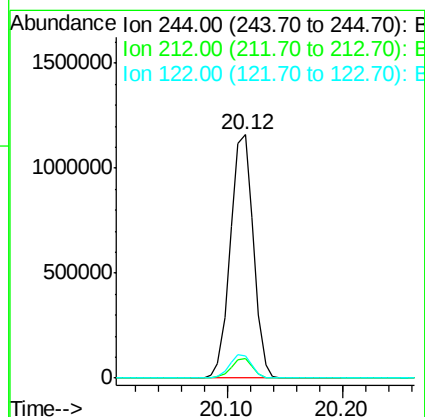
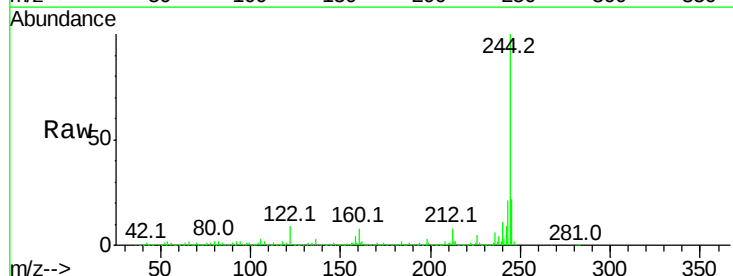
RT: 20.12 min Scan# 2864

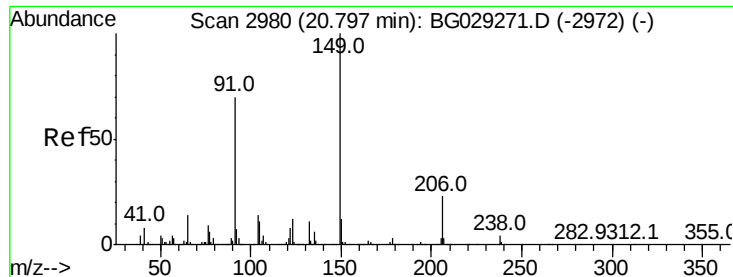
Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	244	Resp:	1593292
Ion Ratio	Lower	Upper	
244	100		
212	8.1	5.8	8.8
122	8.9	7.0	10.4





#79

Butylbenzylphthalate

Concen: 36.396 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

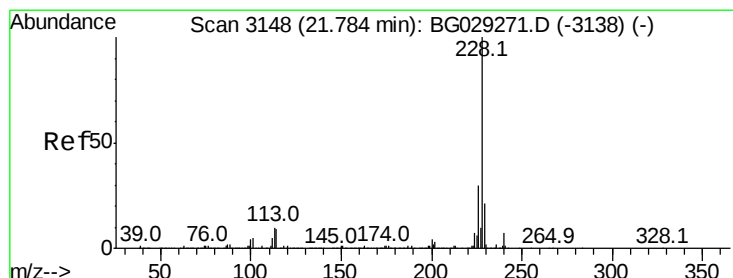
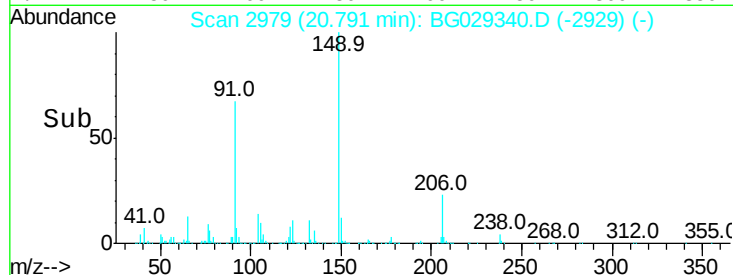
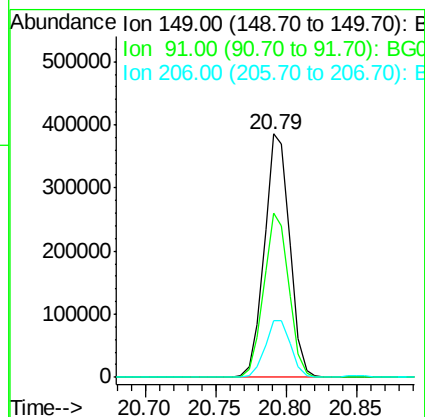
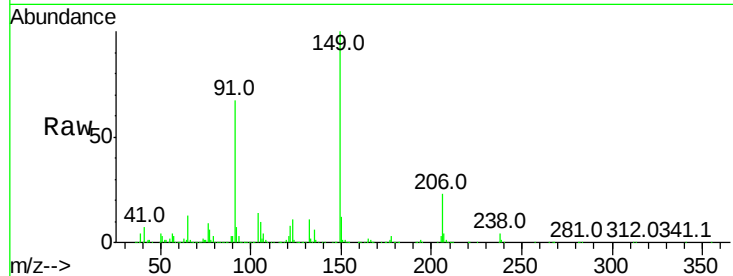
ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:	149	Resp:	485118
Ion Ratio	Lower	Upper	
149	100		
91	67.5	62.2	93.2
206	23.3	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 36.480 ng

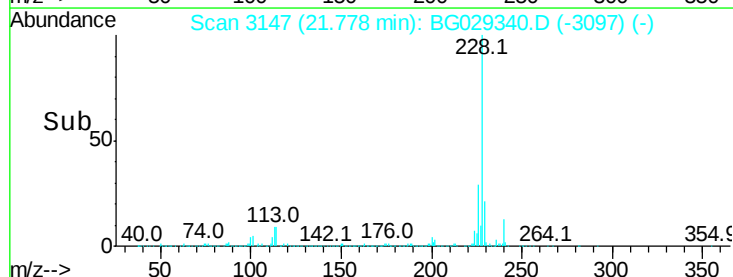
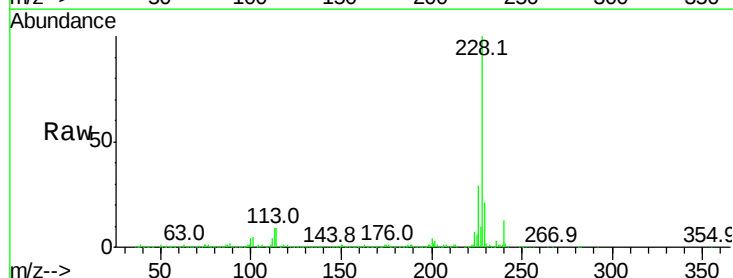
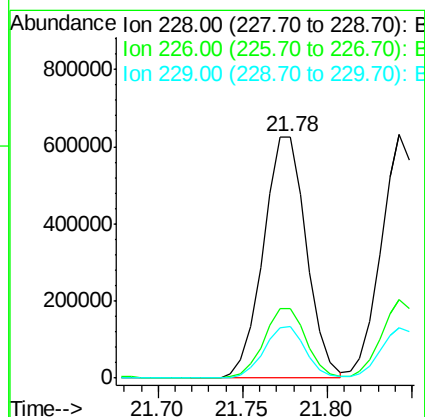
RT: 21.78 min Scan# 3147

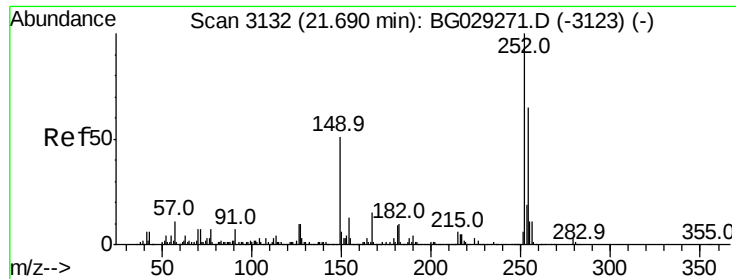
Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Tgt Ion:	228	Resp:	1104637
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.7	34.1
229	21.4	16.2	24.2





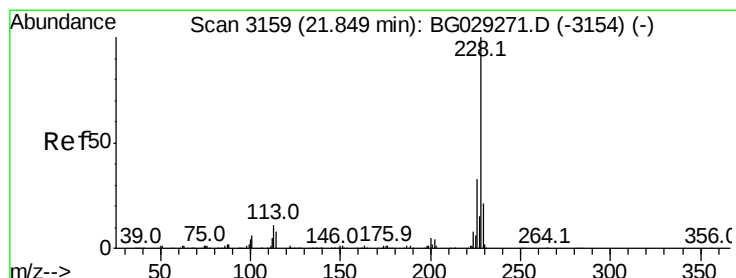
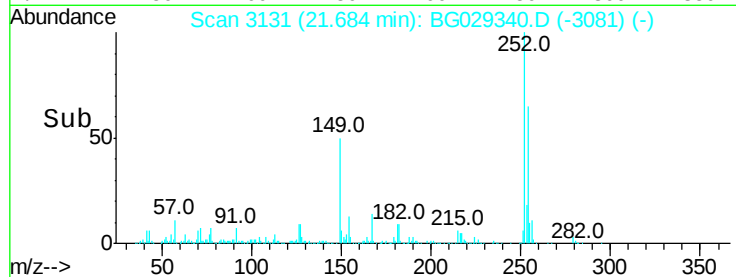
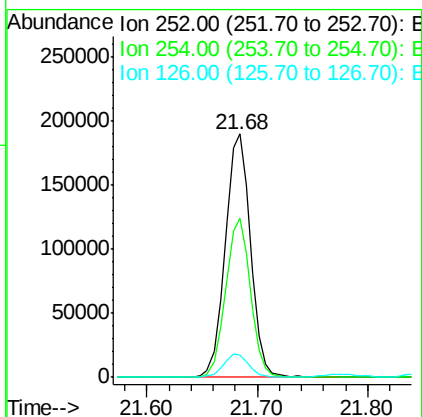
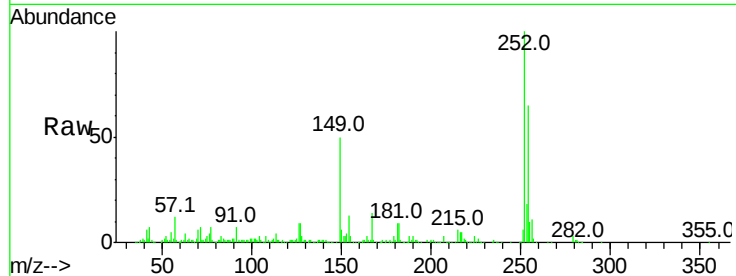
#81
 3,3'-Dichlorobenzidine
 Concen: 24.309 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.8	76.2
126	9.3	7.4	11.2

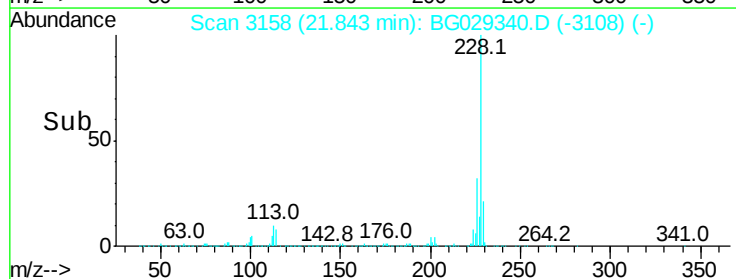
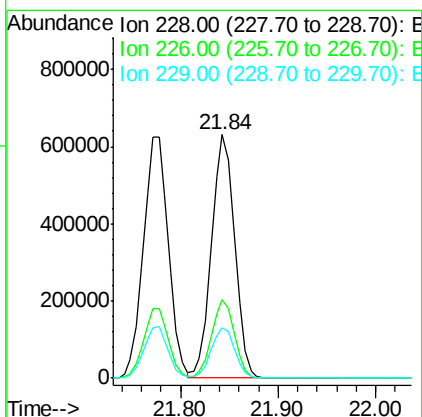
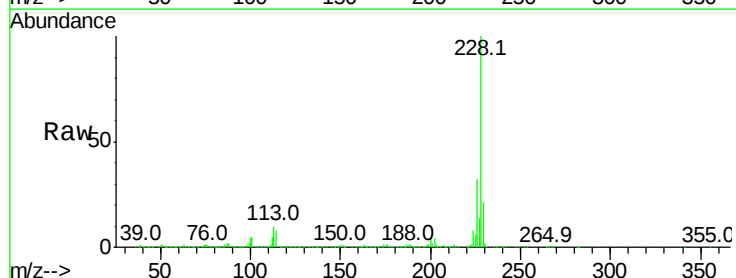
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#82
 Chrysene
 Concen: 35.868 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	20.9	15.0	22.4





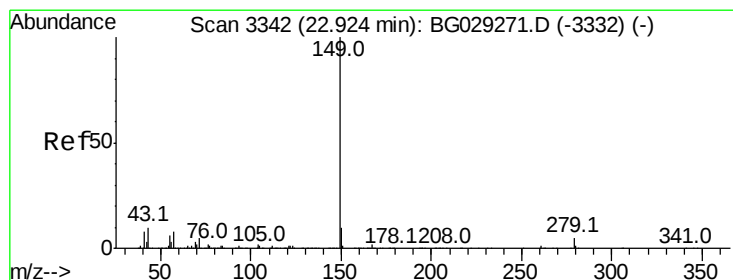
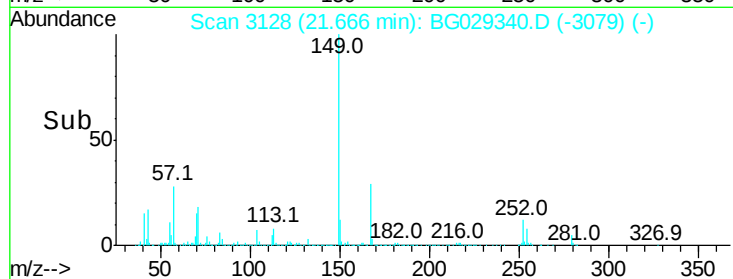
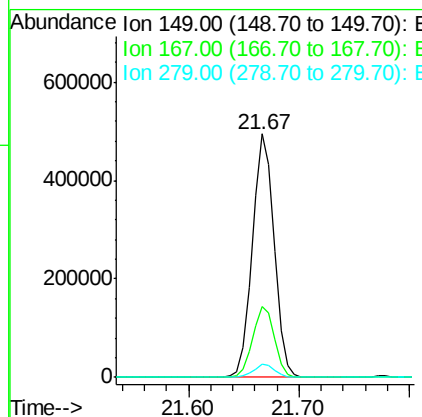
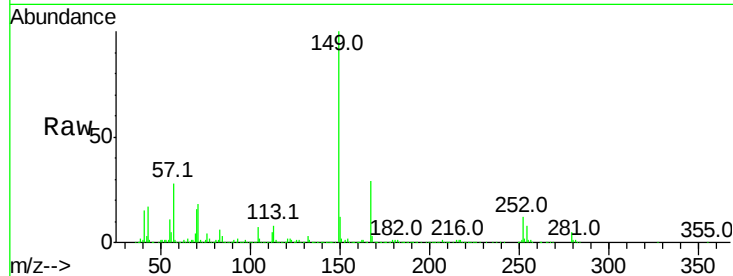
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.723 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(15-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	683343		
167	29.0		24.3	36.5
279	5.3		4.0	6.0

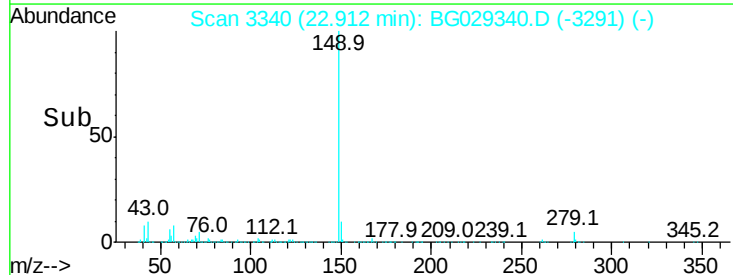
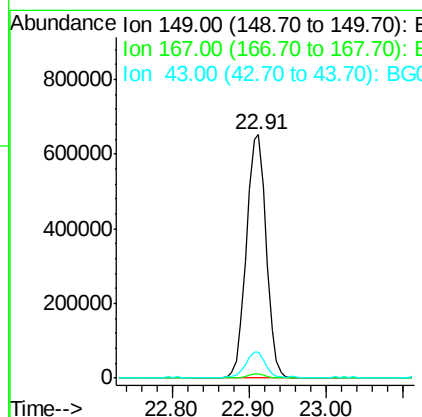
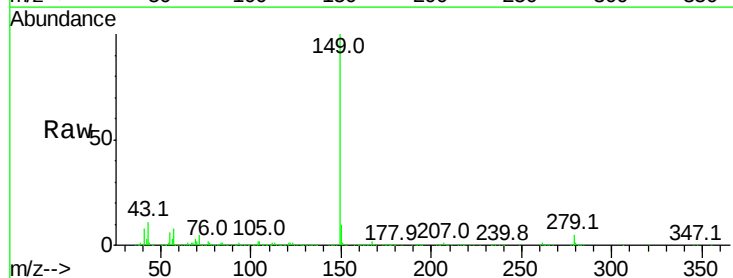
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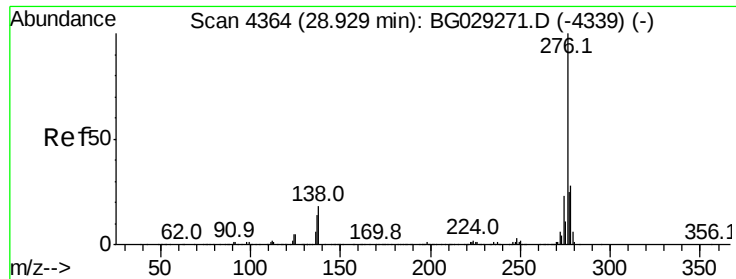
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#84
 Di-n-octyl phthalate
 Concen: 35.287 ng
 RT: 22.91 min Scan# 3340
 Delta R.T. -0.01 min
 Lab File: BG029340.D
 Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1176417		
167	1.6		1.4	2.0
43	10.0		8.9	13.3





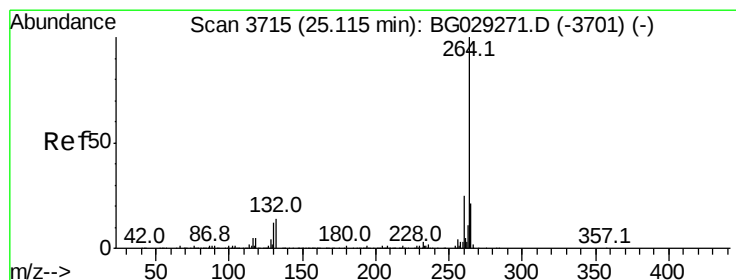
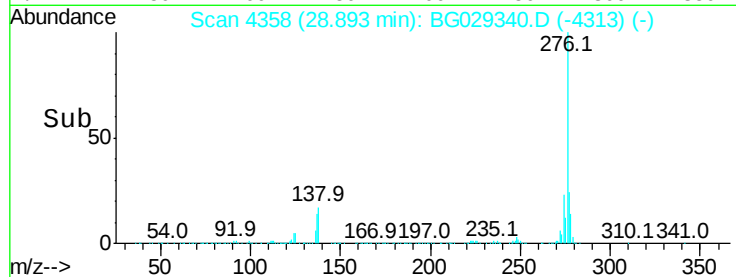
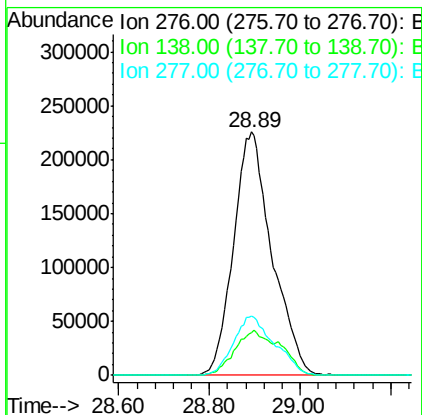
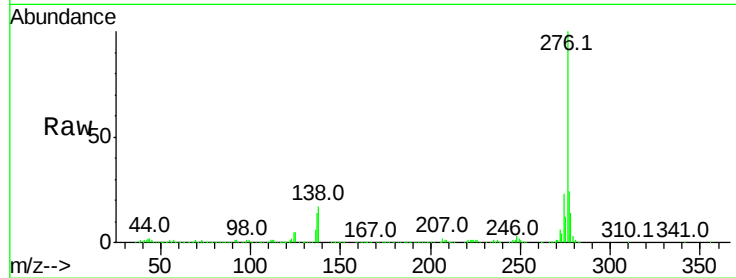
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.335 ng
RT: 28.89 min Scan# 4358
Delta R.T. -0.03 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	16.0	24.0
277	25.9	20.0	30.0

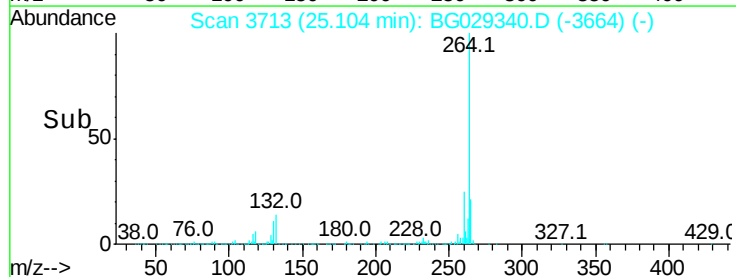
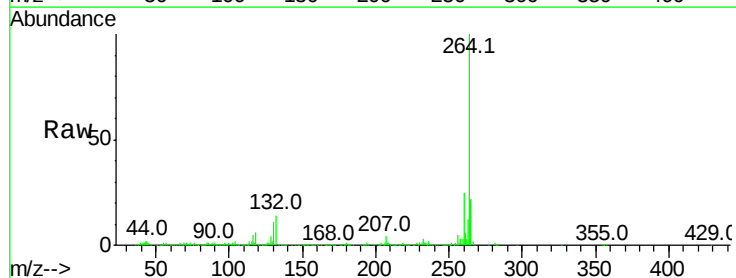
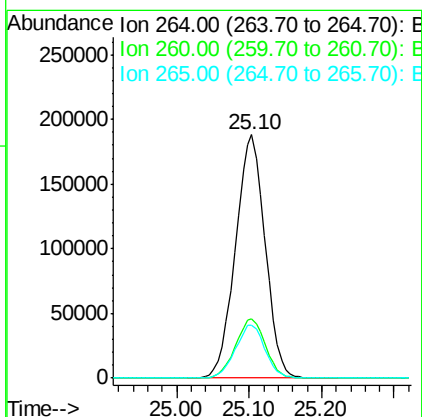
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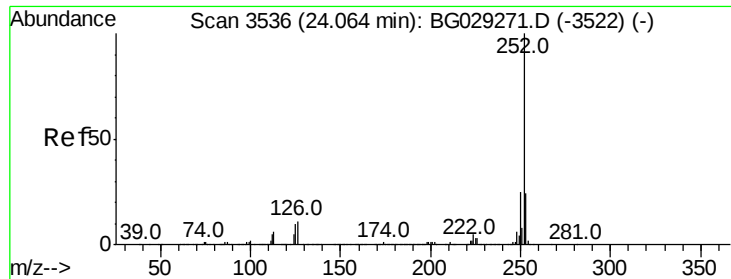
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 37.723 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:252 Resp: 1149275

Ion Ratio Lower Upper

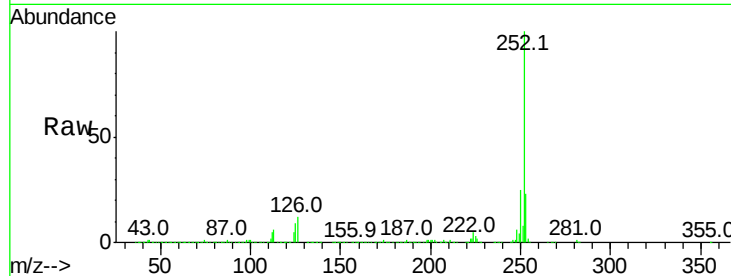
252 100

253 22.8 18.2 27.4

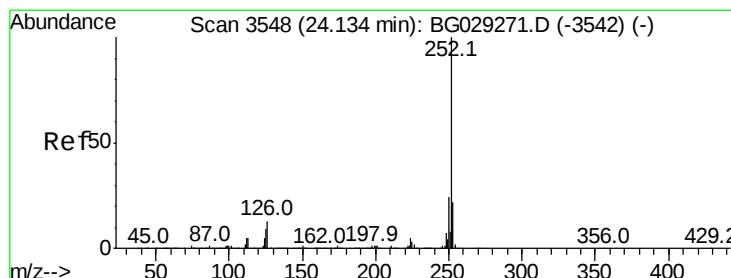
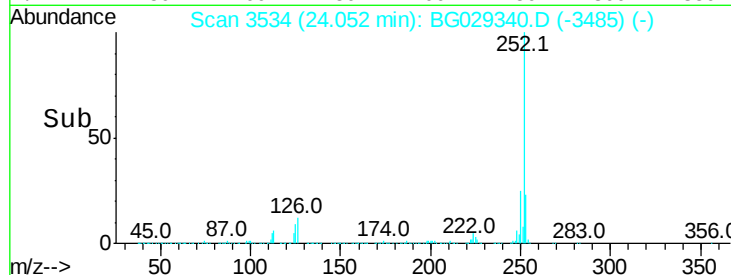
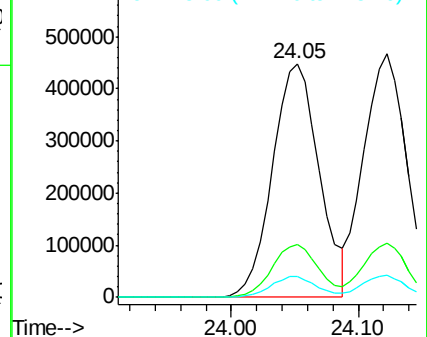
125 9.1 7.2 10.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.207 ng

RT: 24.12 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

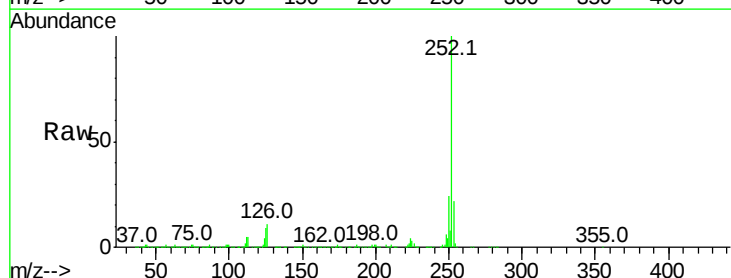
Tgt Ion:252 Resp: 1098961

Ion Ratio Lower Upper

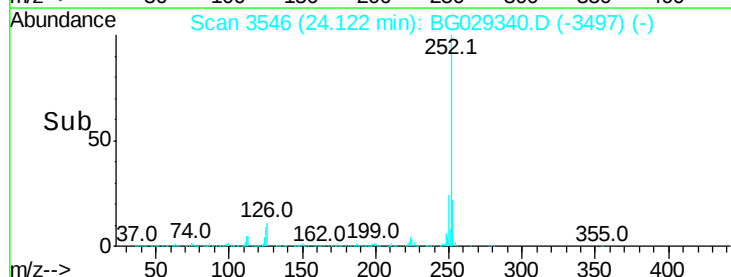
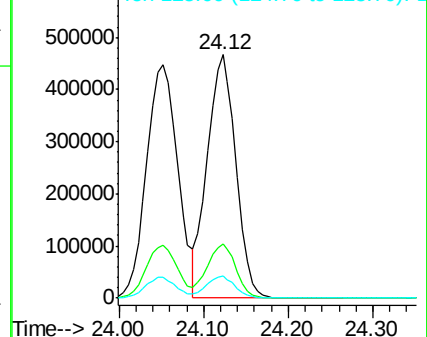
252 100

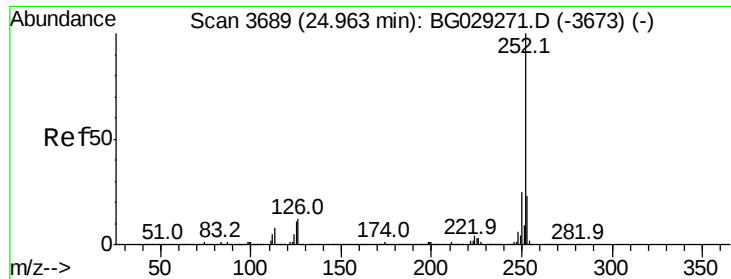
253 22.3 17.4 26.2

125 8.9 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





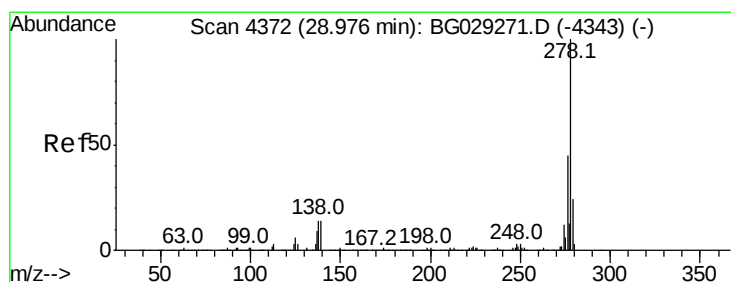
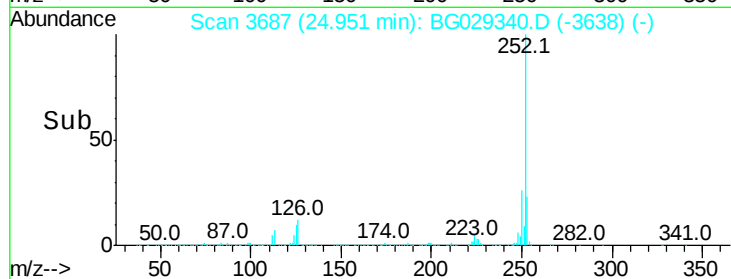
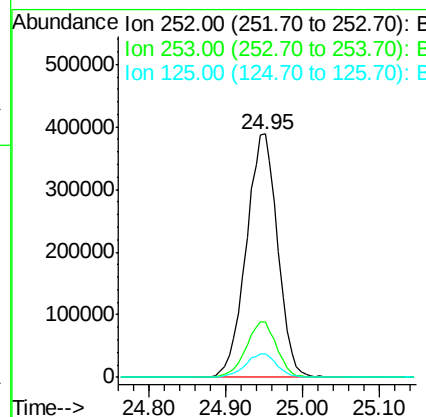
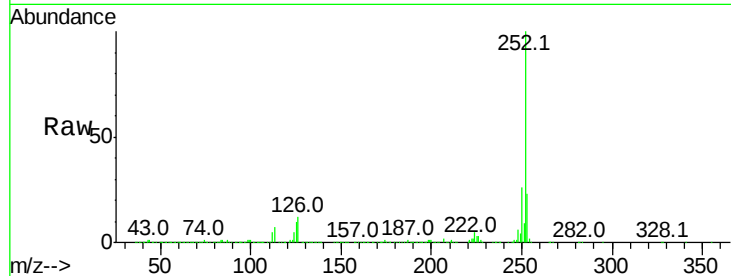
#89
Benzo(a)pyrene
Concen: 37.754 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	9.7	7.3	10.9

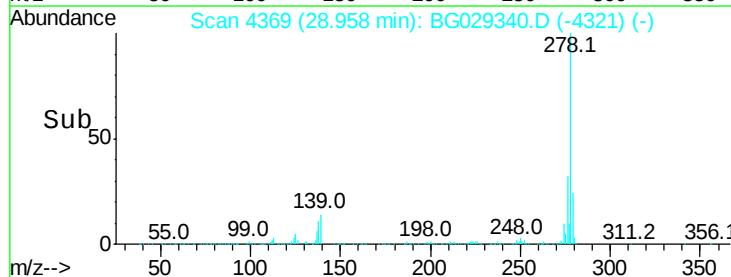
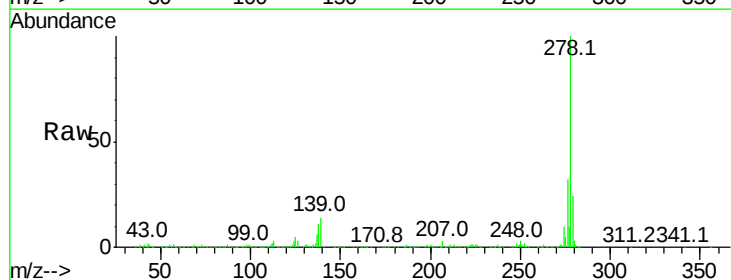
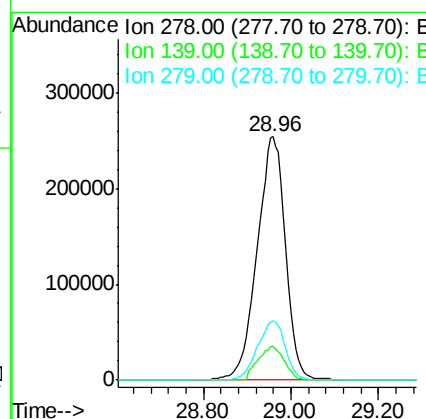
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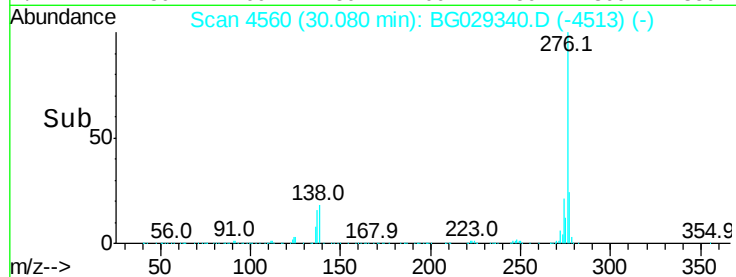
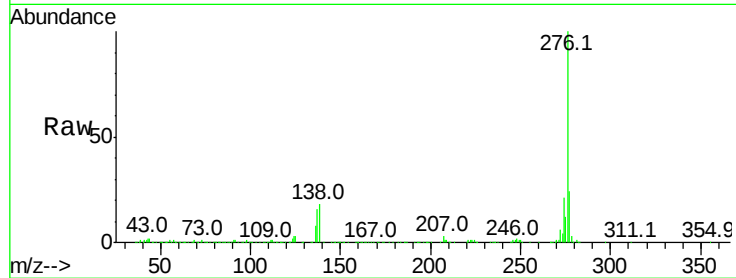
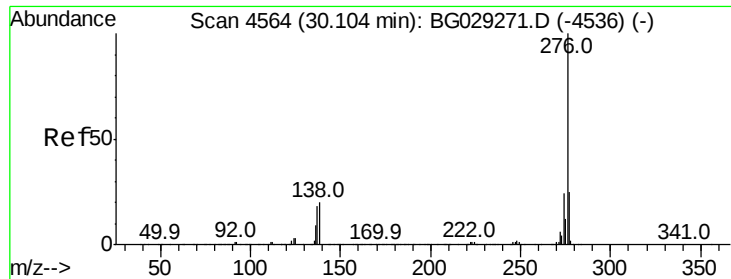
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#90
Dibenzo(a,h)anthracene
Concen: 37.726 ng
RT: 28.96 min Scan# 4369
Delta R.T. -0.02 min
Lab File: BG029340.D
Acq: 18 Oct 2017 20:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	9.8	14.6
279	24.4	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 40.035 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.02 min

Lab File: BG029340.D

Acq: 18 Oct 2017 20:32

Instrument :

BNA_G

ClientSampleId :

ENV-115-4(15-20)MS

Tot Ion:276 Resp: 1103011

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 18.3 13.9 20.9

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