

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035520.D
 Acq On : 30 Jun 2018 00:38
 Operator : JU/SJ
 Sample : J3732-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

Manual Integrations
 APPROVED

Sohil
 7/2/2018 12:35:22 PM

Quant Time: Jun 30 02:16:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33066	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	135878	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	103618	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	276117	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	275462	20.00	ng	-0.02
86) Perylene-d12	24.92	264	272007	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	258549	131.96	ng	0.00
7) Phenol-d6	7.23	99	404166	139.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	252556	88.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	204534	154.20	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	578261	72.55	ng	-0.02
78) Terphenyl-d14	20.03	244	1047768	79.67	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	25159	26.913	ng	# 75
3) Pyridine	3.95	79	74741	29.631	ng	# 71
4) n-Nitrosodimethylamine	3.86	42	34417	31.761	ng	# 72
6) Aniline	7.39	93	101860	27.249	ng	96
8) 2-Chlorophenol	7.63	128	88684	43.180	ng	94
9) Benzaldehyde	7.20	77	58019	26.046	ng	97
10) Phenol	7.25	94	140152	46.831	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	85476	36.798	ng	87
12) 1,3-Dichlorobenzene	7.96	146	90858	37.077	ng	95
13) 1,4-Dichlorobenzene	8.10	146	91942	36.346	ng	97
14) 1,2-Dichlorobenzene	8.42	146	90871	38.244	ng	98
15) Benzyl Alcohol	8.30	79	109926	40.116	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.59	45	93393	40.396	ng	82
17) 2-Methylphenol	8.50	107	91210	46.227	ng	# 88
18) Hexachloroethane	9.15	117	32118	35.465	ng	# 83
19) n-Nitroso-di-n-propylamine	8.86	70	86450	35.187	ng	# 82
20) 3+4-Methylphenols	8.83	107	130781	46.242	ng	95
22) Acetophenone	8.89	105	158761	37.719	ng	# 90
24) Nitrobenzene	9.27	77	127482	43.552	ng	# 93
25) Isophorone	9.79	82	253825	42.057	ng	99
26) 2-Nitrophenol	9.98	139	53776	53.298	ng	# 90
27) 2,4-Dimethylphenol	10.04	122	99199	46.775	ng	90
28) bis(2-Chloroethoxy)methane	10.27	93	131571	40.568	ng	95
29) 2,4-Dichlorophenol	10.52	162	110502	47.886	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	113050	40.856	ng	99
31) Naphthalene	10.92	128	285247	40.411	ng	98
32) Benzoic acid	10.13	122	3739	2.632	ng	87
33) 4-Chloroaniline	11.02	127	71780	23.420	ng	95
34) Hexachlorobutadiene	11.20	225	83877	38.977	ng	99
35) Caprolactam	11.79	113	39417m	46.219	ng	
36) 4-Chloro-3-methylphenol	12.14	107	142084	49.394	ng	94
37) 2-Methylnaphthalene	12.52	142	229681	42.918	ng	90
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	163603	42.389	ng	99
40) Hexachlorocyclopentadiene	12.86	237	187706	77.555	ng	91

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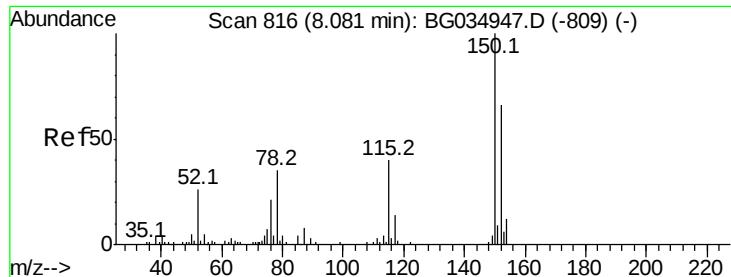
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	109052	47.188	nq	93
43) 2,4,5-Trichlorophenol	13.20	196	117210	46.209	nq	98
45) 1,1'-Biphenyl	13.52	154	327663	39.326	nq	100
46) 2-Chloronaphthalene	13.56	162	255689	40.589	nq	100
47) 2-Nitroaniline	13.76	65	90693	48.755	nq	95
48) Acenaphthylene	14.41	152	433737	41.062	nq	98
49) Dimethylphthalate	14.14	163	456520	50.523	nq	99
50) 2,6-Dinitrotoluene	14.26	165	81518	49.452	nq	92
51) Acenaphthene	14.75	154	256402	37.152	nq	98
52) 3-Nitroaniline	14.58	138	51151	31.623	nq #	97
53) 2,4-Dinitrophenol	14.79	184	35078	52.580	nq #	69
54) Dibenzofuran	15.08	168	431148	41.712	nq	95
55) 4-Nitrophenol	14.90	139	124536	91.225	nq #	86
56) 2,4-Dinitrotoluene	15.04	165	121128	55.316	nq #	85
57) Fluorene	15.73	166	355898	41.200	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	123116	49.963	nq #	91
59) Diethylphthalate	15.50	149	365205	39.615	nq	98
60) 4-Chlorophenyl-phenylether	15.72	204	207181	42.060	nq	98
61) 4-Nitroaniline	15.75	138	80426	46.362	nq #	81
62) Azobenzene	16.01	77	355560	39.359	nq	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	57593	45.684	nq	87
65) n-Nitrosodiphenylamine	15.94	169	320791	38.686	nq	97
66) 4-Bromophenyl-phenylether	16.61	248	138316	41.597	nq	98
67) Hexachlorobenzene	16.73	284	144447	42.680	nq	96
68) Atrazine	16.88	200	146505	41.431	nq	96
69) Pentachlorophenol	17.08	266	158154	69.494	nq	96
70) Phenanthrene	17.47	178	563098	40.146	nq	98
71) Anthracene	17.56	178	574580	40.896	nq	98
72) Carbazole	17.83	167	521334	39.992	nq	98
73) Di-n-butylphthalate	18.38	149	573745	36.926	nq #	99
74) Fluoranthene	19.47	202	720743	39.489	nq	97
76) Benzidine	19.65	184	389629	38.019	nq	98
77) Pyrene	19.84	202	709341	39.061	nq	99
79) Butylbenzylphthalate	20.72	149	262655	39.832	nq #	93
80) Benzo(a)anthracene	21.68	228	708224	40.234	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	163024	24.616	nq #	95
82) Chrysene	21.74	228	660944	41.010	nq	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	352139	37.793	nq #	98
84) Di-n-octyl phthalate	22.79	149	594596	37.197	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	757343	40.122	nq #	90
87) Benzo(b)fluoranthene	23.90	252	692506	41.342	nq #	96
88) Benzo(k)fluoranthene	23.97	252	640560	39.092	nq #	97
89) Benzo(a)pyrene	24.77	252	653987	41.491	nq #	95
90) Dibenzo(a,h)anthracene	28.66	278	629463	40.454	nq #	95
91) Benzo(g,h,i)perylene	29.75	276	631342	41.461	nq #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:152 Resp: 33066

Ion Ratio Lower Upper

152 100

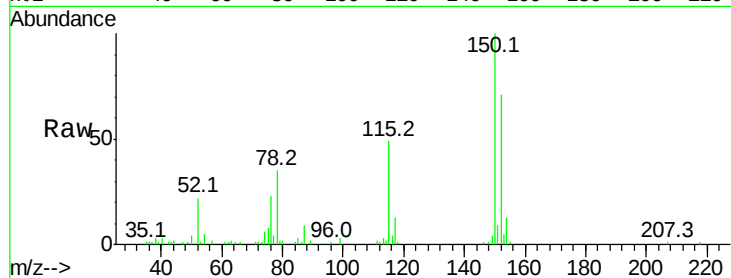
150 140.0 126.6 189.8

115 67.9 53.0 79.4

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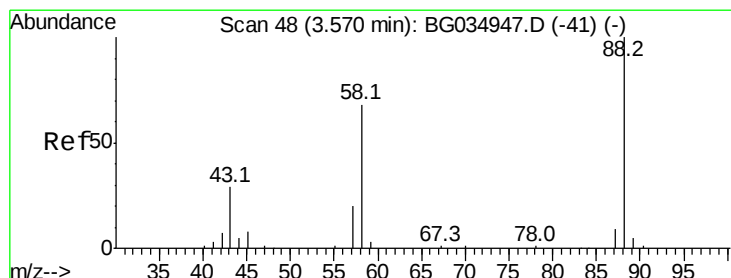
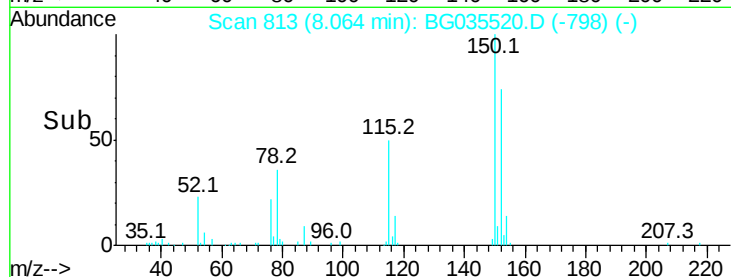
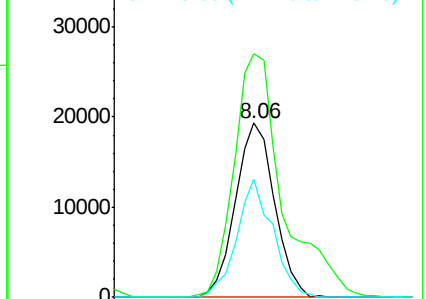
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.913 ng

RT: 3.56 min Scan# 46

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

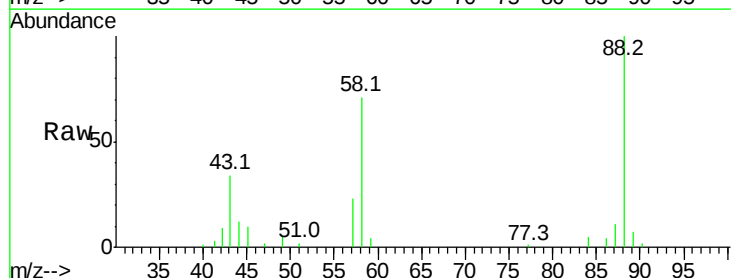
Tgt Ion: 88 Resp: 25159

Ion Ratio Lower Upper

88 100

58 72.3 79.6 119.4#

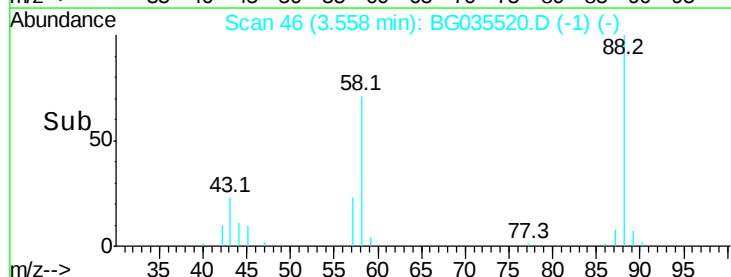
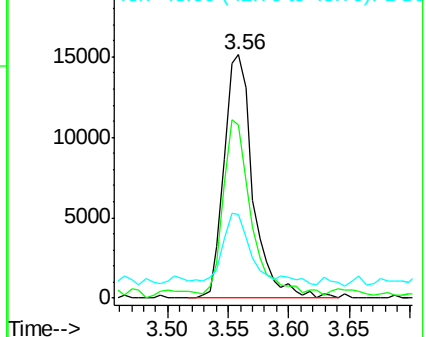
43 23.7 27.4 41.0#

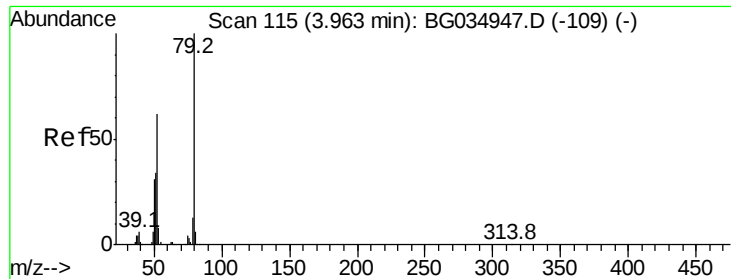


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.631 ng

RT: 3.95 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

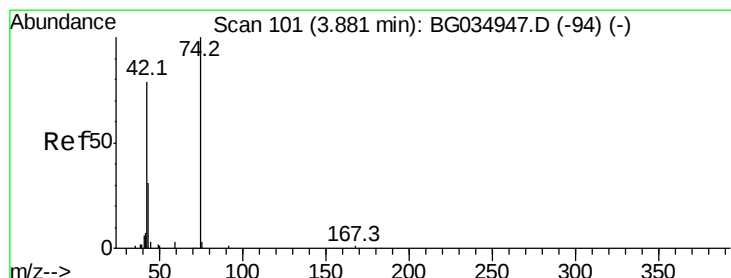
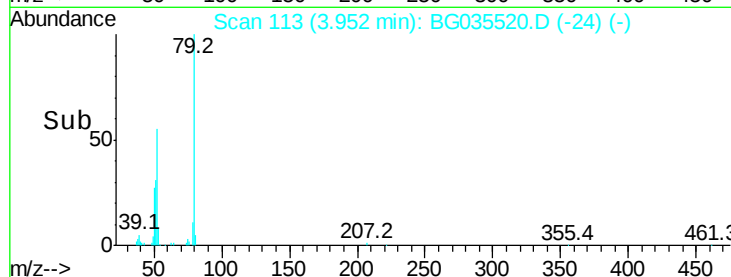
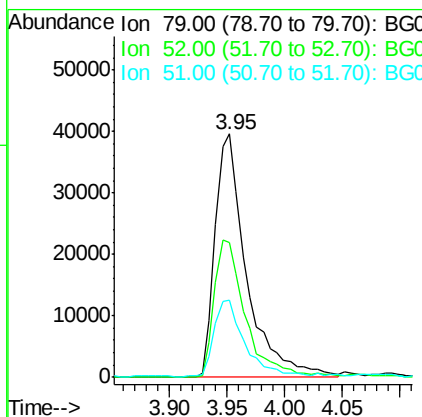
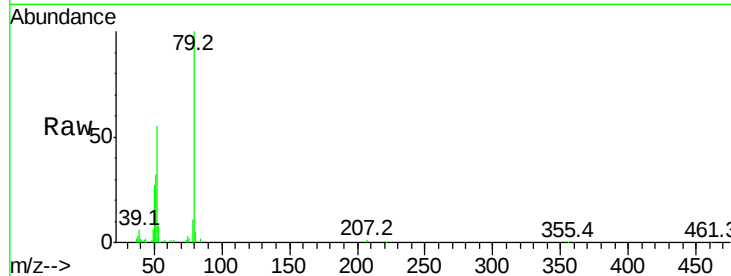
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	79	Resp:	74741
Ion Ratio	Lower	Upper	
79	100		
52	55.4	69.9	104.9#
51	31.9	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 31.761 ng

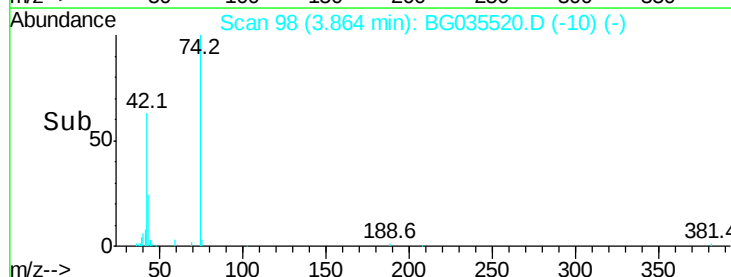
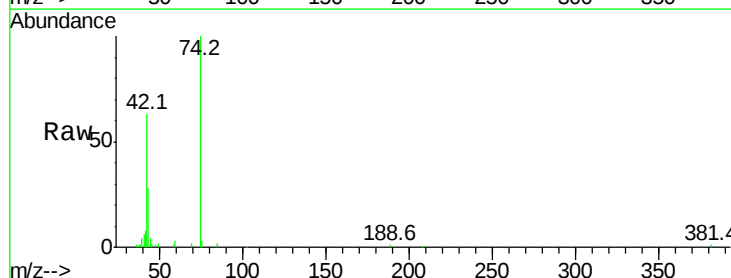
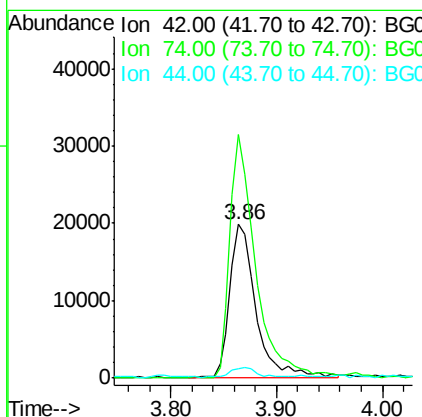
RT: 3.86 min Scan# 98

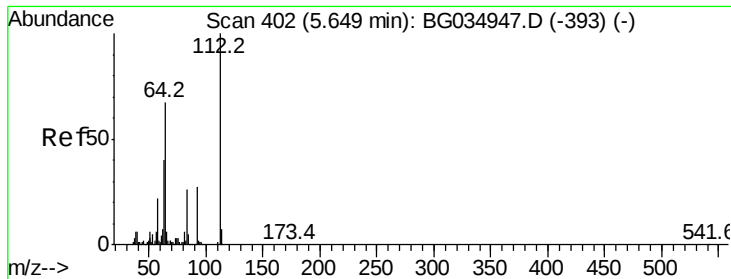
Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	42	Resp:	34417
Ion Ratio	Lower	Upper	
42	100		
74	158.6	102.5	153.7#
44	6.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 131.957 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

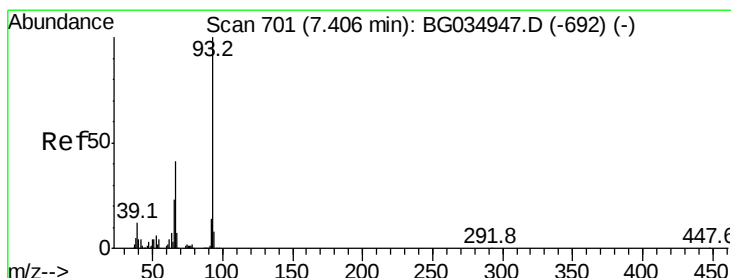
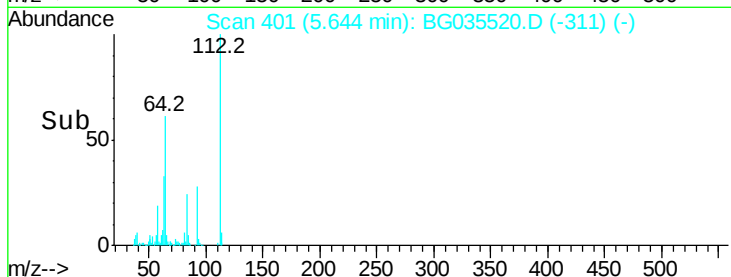
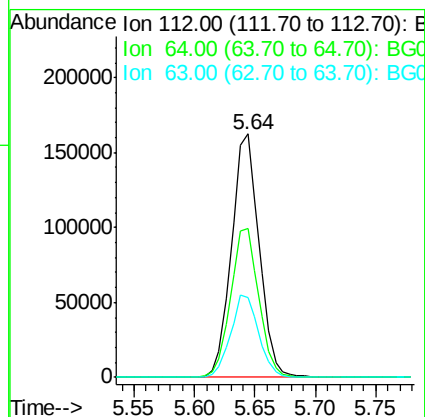
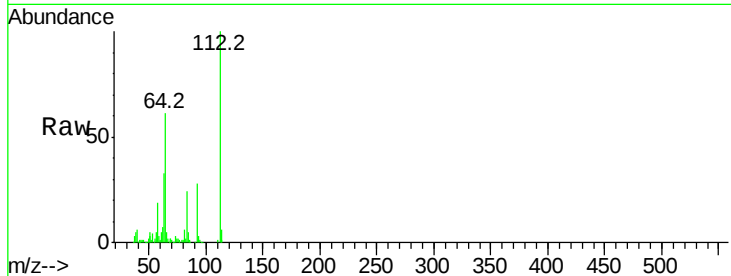
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	112	Resp:	258549
Ion Ratio	Lower	Upper	
112	100		
64	61.0	56.3	84.5
63	33.0	30.1	45.1

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#6

Aniline

Concen: 27.249 ng

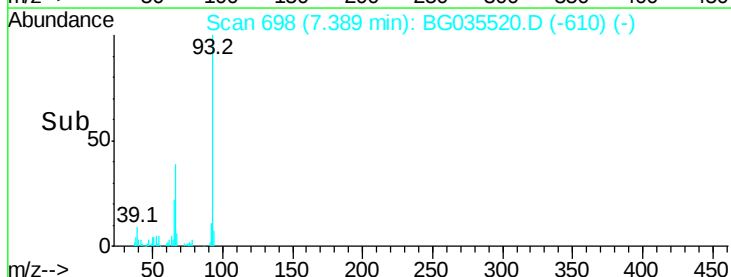
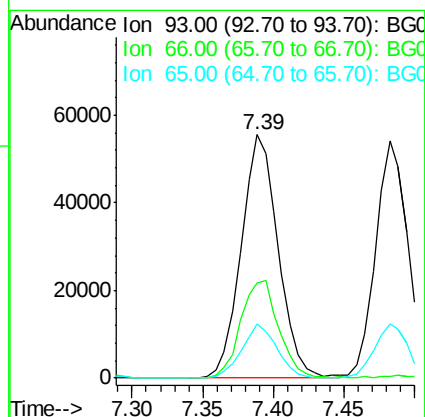
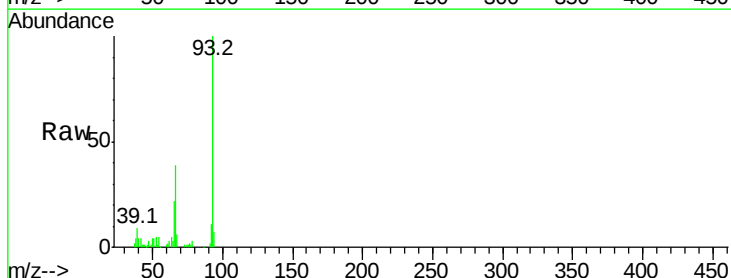
RT: 7.39 min Scan# 698

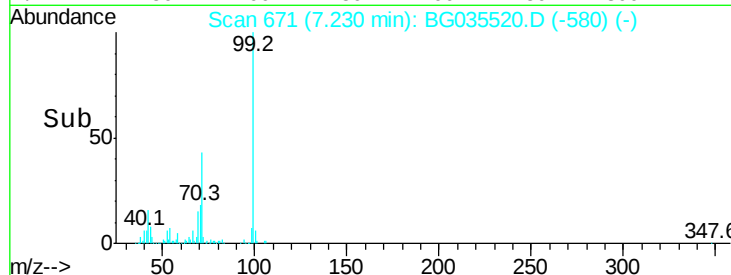
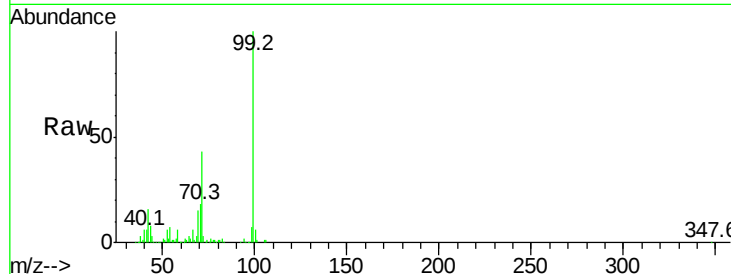
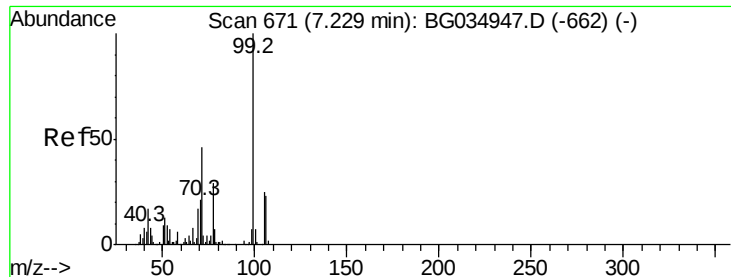
Delta R.T. -0.01 min

Lab File: BG035520.D

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Tgt Ion:	93	Resp:	101860
Ion Ratio	Lower	Upper	
93	100		
66	39.3	33.7	50.5
65	22.0	16.1	24.1





#7

Phenol-d6

Concen: 139.759 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tot Ion:	99	Resp:	404166
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.1	21.1
71	42.6	26.1	39.1#

Instrument :

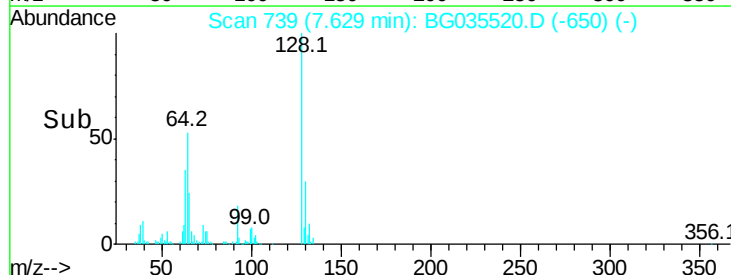
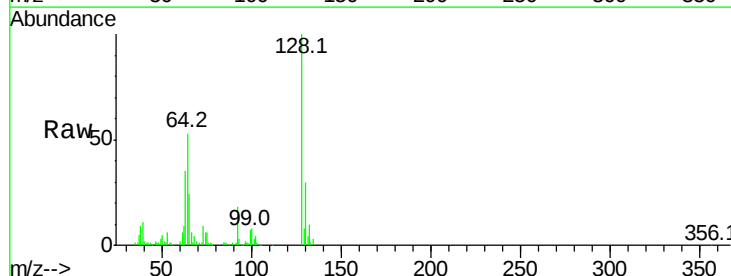
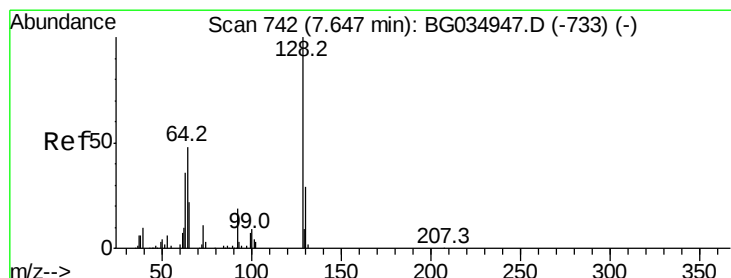
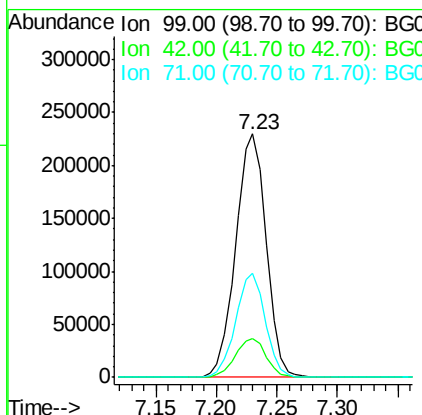
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EPE-106-8(18-20)MSD

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#8

2-Chlorophenol

Concen: 43.180 ng

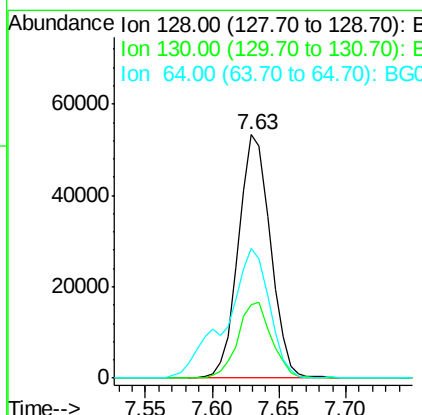
RT: 7.63 min Scan# 739

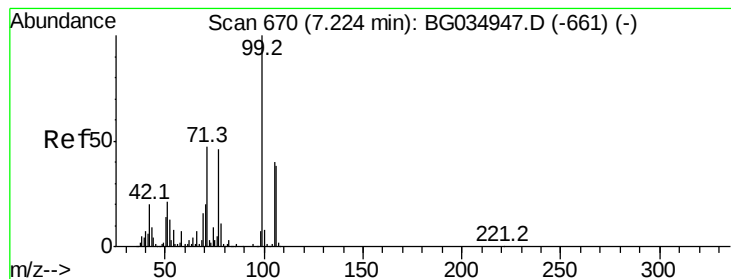
Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	128	Resp:	88684
Ion Ratio	Lower	Upper	
128	100		
130	30.1	14.0	54.0
64	53.2	37.7	77.7





#9

Benzaldehyde

Concen: 26.046 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion: 77 Resp: 58019

Ion Ratio Lower Upper

77 100

105 86.7 71.3 111.3

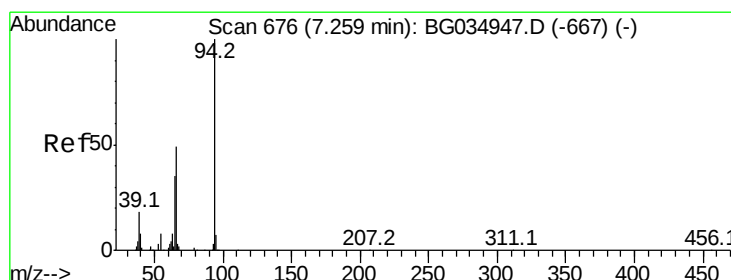
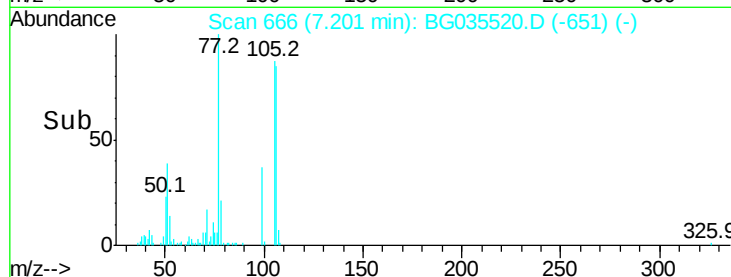
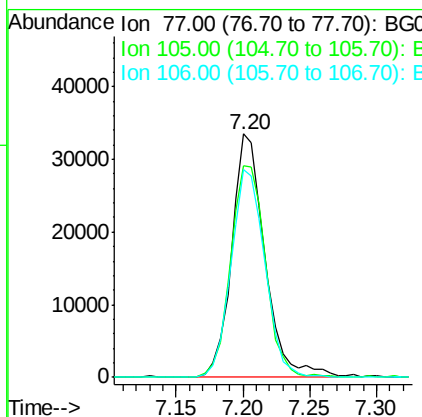
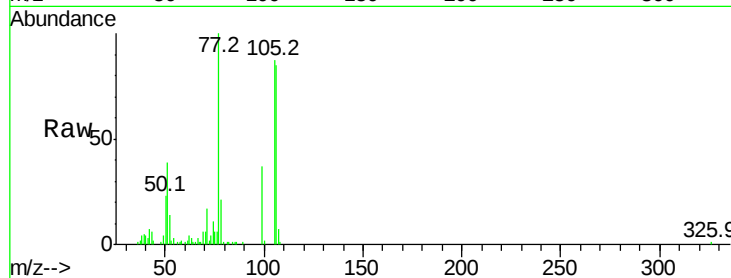
106 85.3 64.2 104.2

Manual Integrations

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#10

Phenol

Concen: 46.831 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

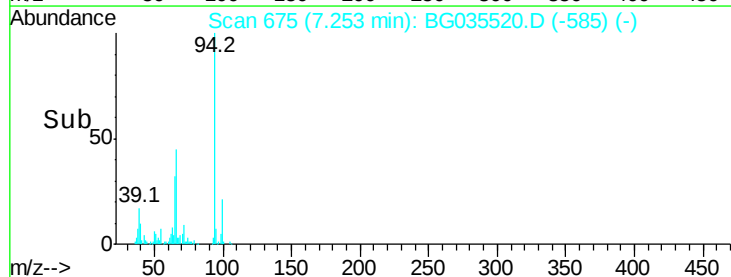
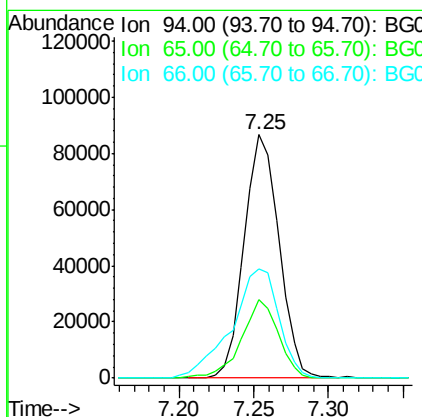
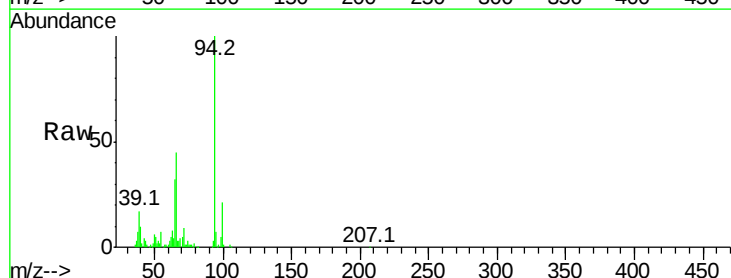
Tgt Ion: 94 Resp: 140152

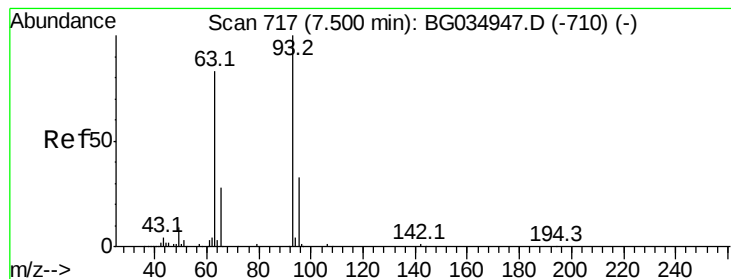
Ion Ratio Lower Upper

94 100

65 32.1 11.9 51.9

66 44.9 22.2 62.2





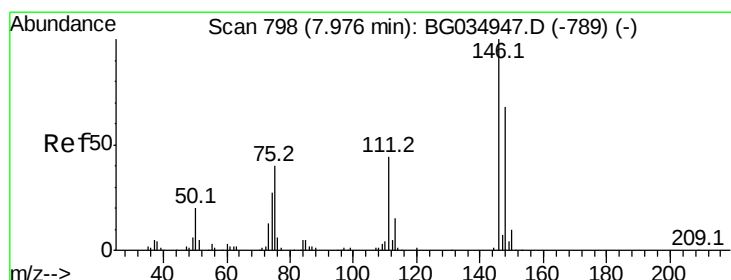
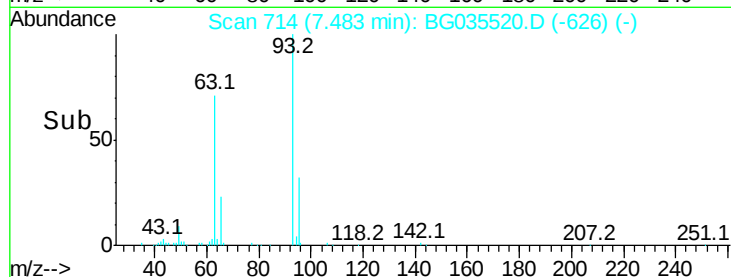
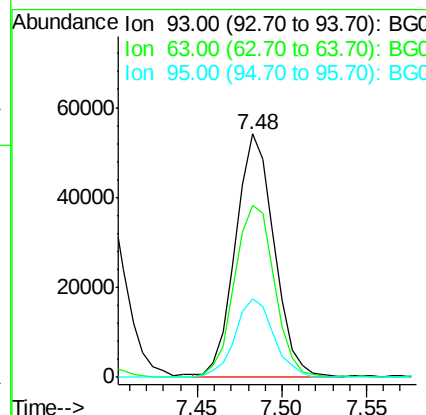
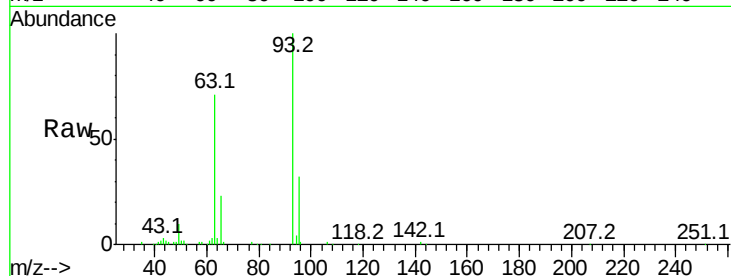
#11
bis(2-Chloroethyl)ether
Concen: 36.798 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	67.1	107.1
95	32.3	11.5	51.5

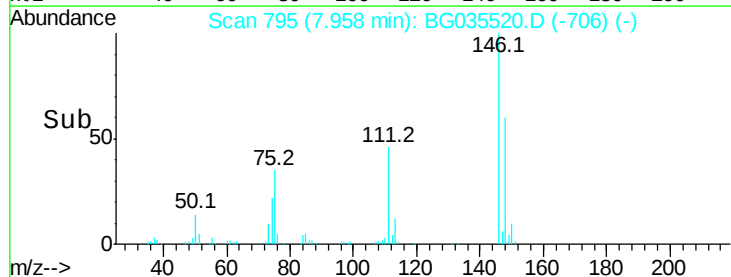
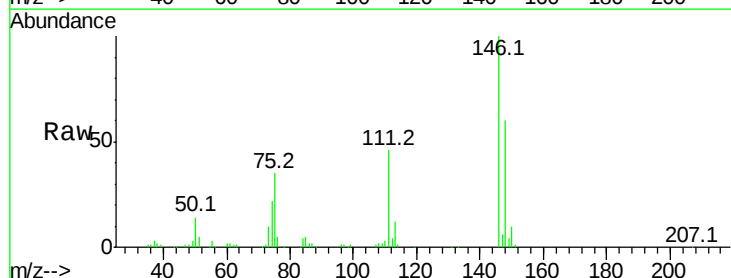
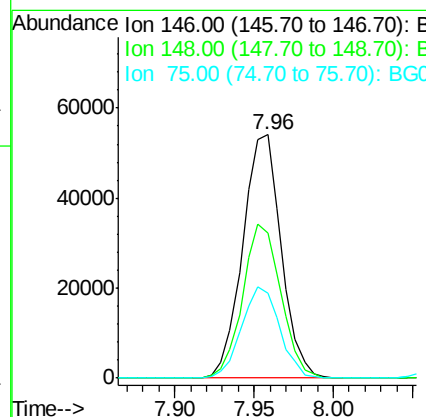
Manual Integrations
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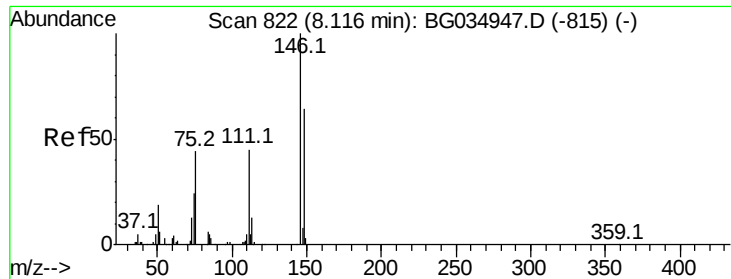
Sohil
7/2/2018 12:35:22 PM



#12
1,3-Dichlorobenzene
Concen: 37.077 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	51.4	77.2
75	34.7	26.6	39.8





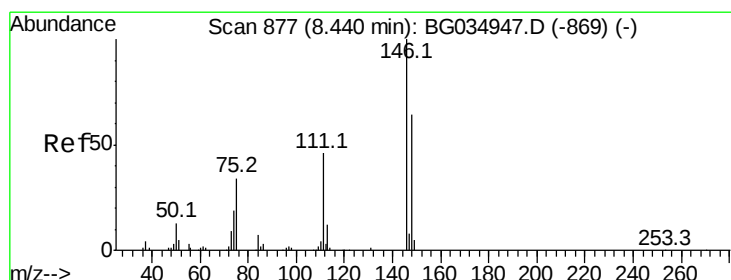
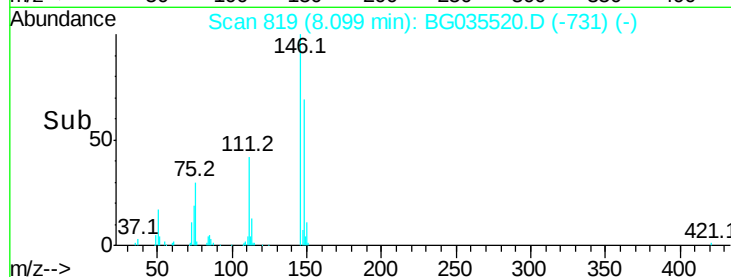
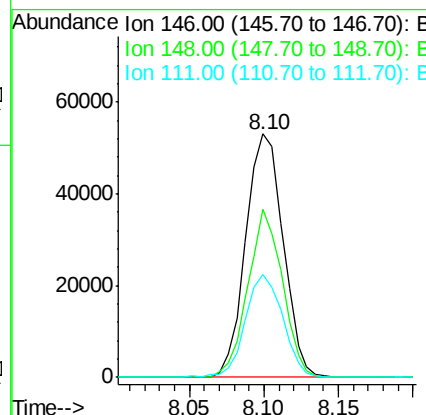
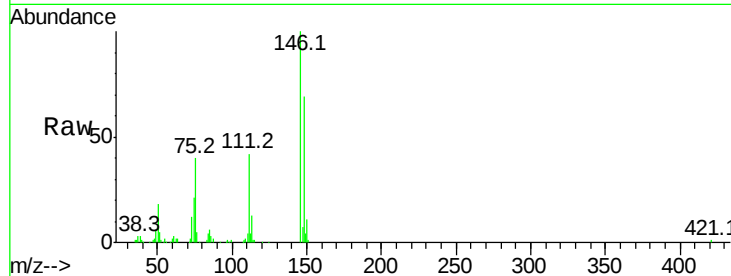
#13
 1,4-Dichlorobenzene
 Concen: 36.346 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.2	53.7	80.5
111	42.2	35.2	52.8

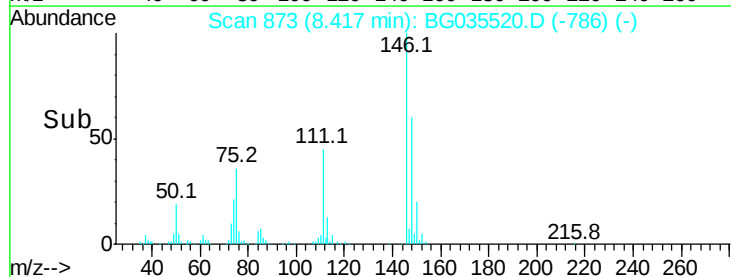
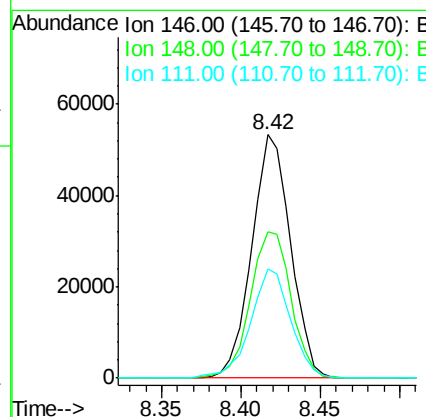
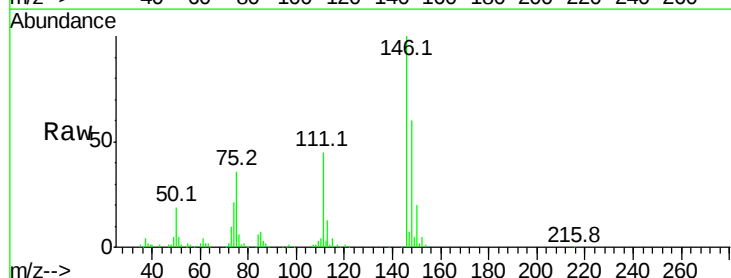
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 38.244 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	49.3	73.9
111	44.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.116 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

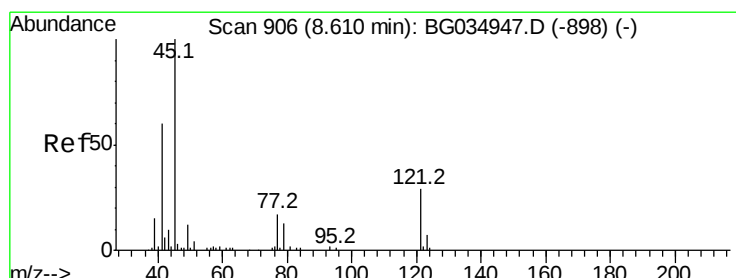
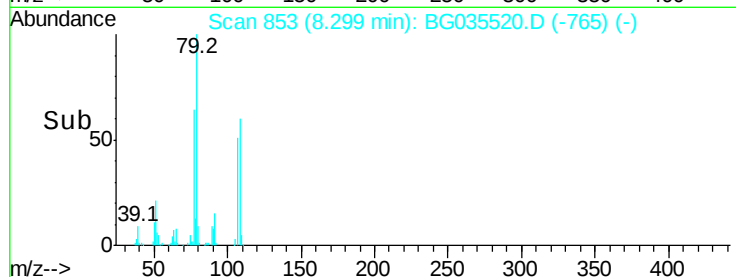
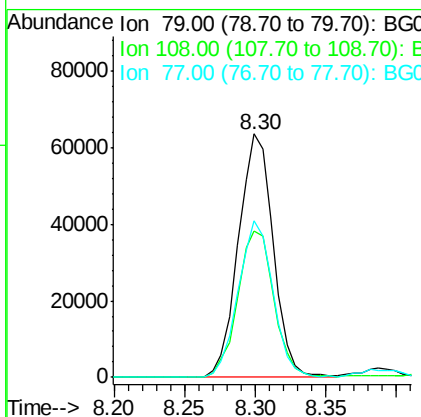
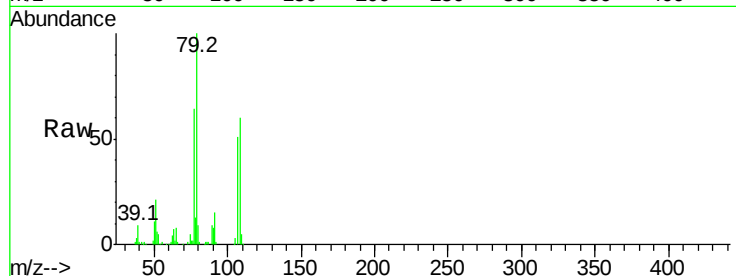
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	79	Resp:	109926
Ion Ratio	Lower	Upper	
79	100		
108	60.0	57.2	85.8
77	64.3	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.396 ng

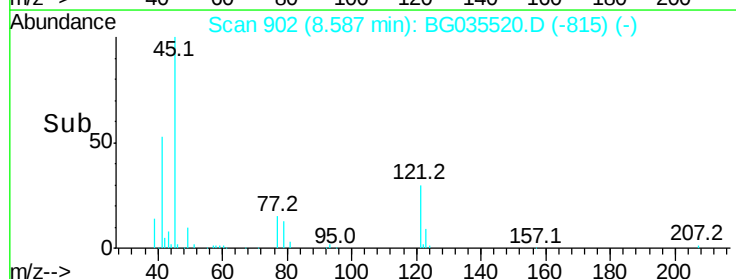
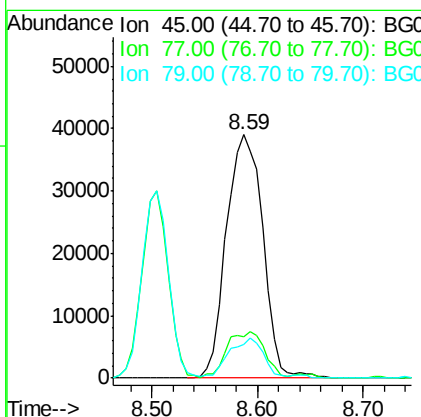
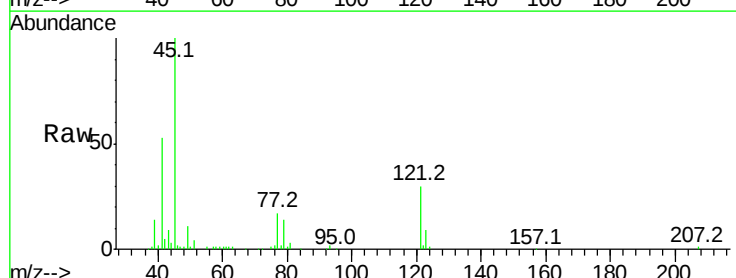
RT: 8.59 min Scan# 902

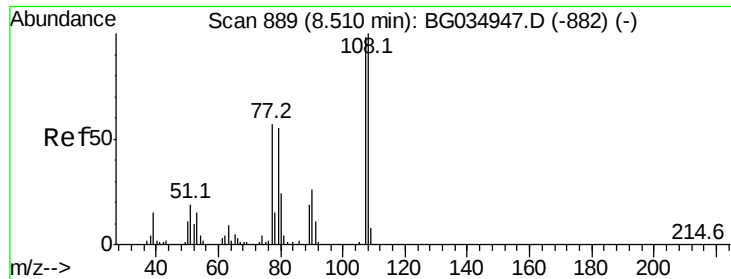
Delta R.T. -0.02 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	45	Resp:	93393
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	30.2
79	13.8	0.0	27.9





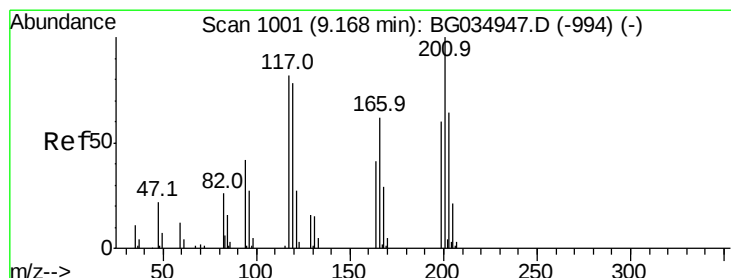
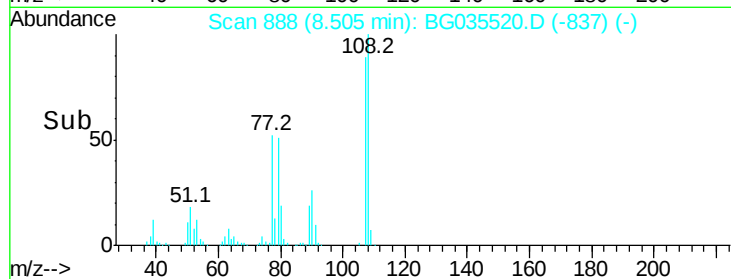
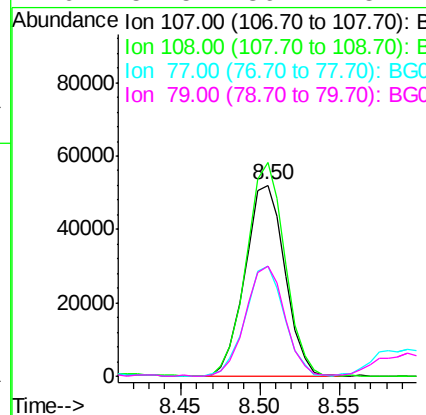
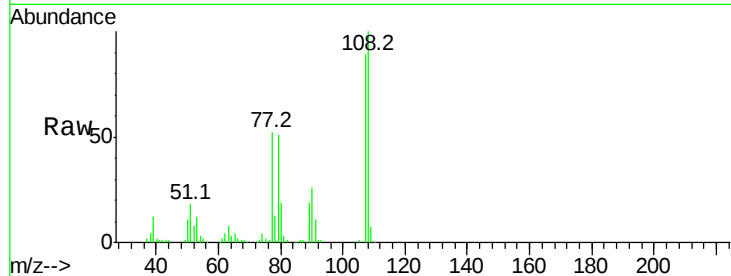
#17
2-Methylphenol
Concen: 46.227 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion:	107	Resp:	91210
Ion Ratio	Lower	Upper	
107	100		
108	111.7	83.9	125.9
77	57.7	37.2	55.8#
79	57.5	36.2	54.2#

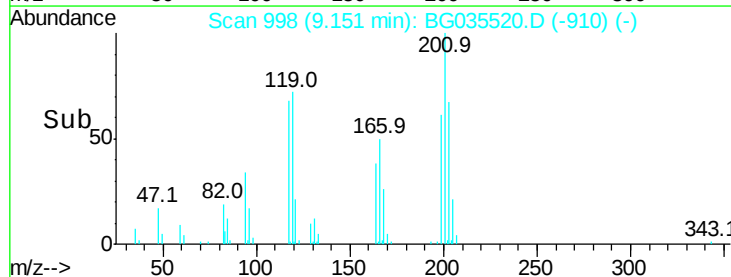
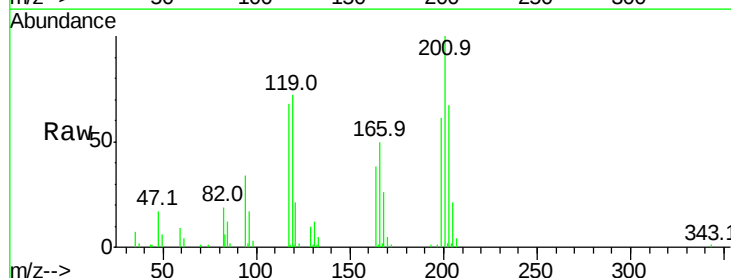
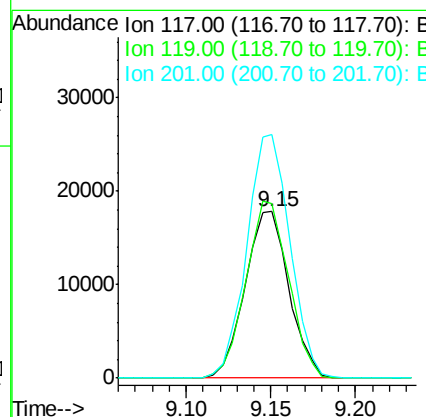
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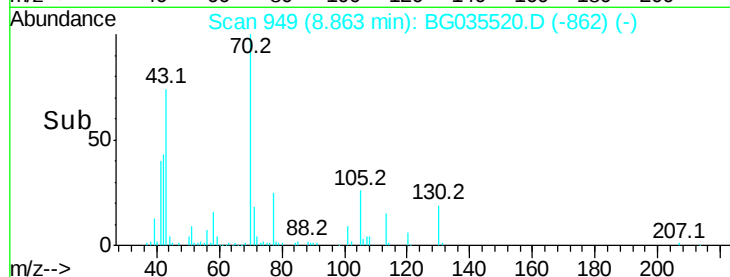
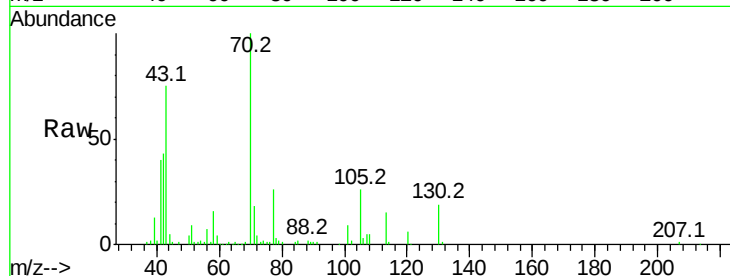
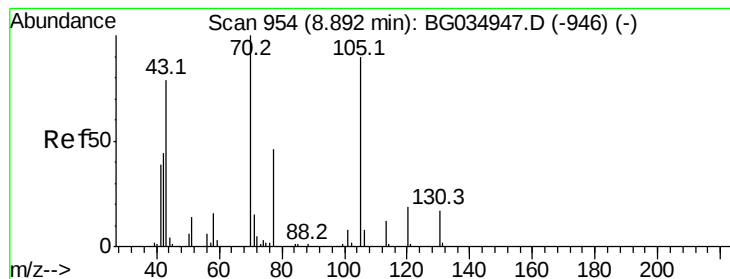
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#18
Hexachloroethane
Concen: 35.465 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion:	117	Resp:	32118
Ion Ratio	Lower	Upper	
117	100		
119	105.1	76.7	115.1
201	146.1	95.7	143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 35.187 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion: 70 Resp: 86450

Ion Ratio Lower Upper

70 100

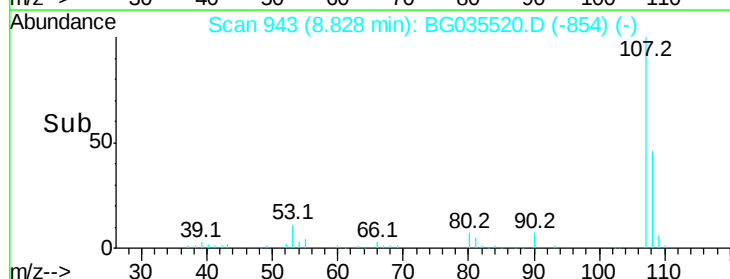
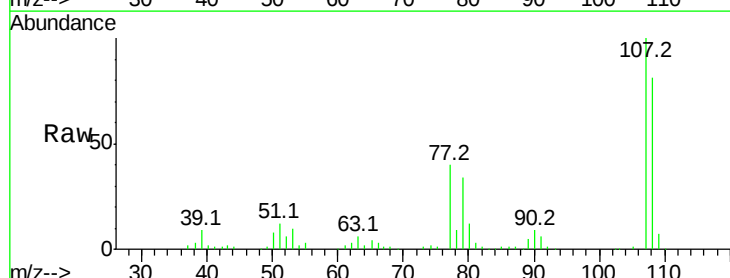
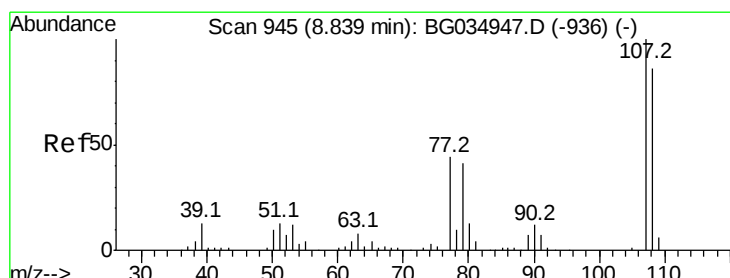
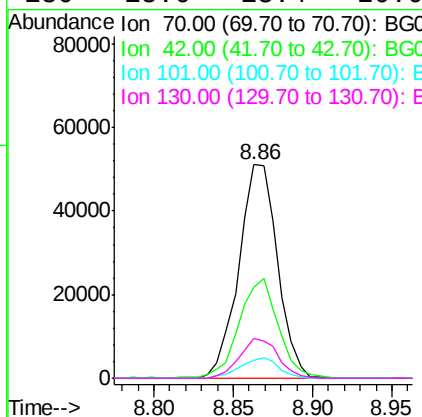
42 42.7 49.1 73.7#

101 8.6 8.5 12.7

130 18.6 13.4 20.0

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#20

3+4-Methylphenols

Concen: 46.242 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion: 107 Resp: 130781

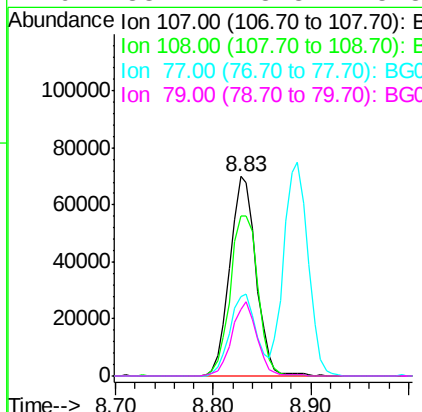
Ion Ratio Lower Upper

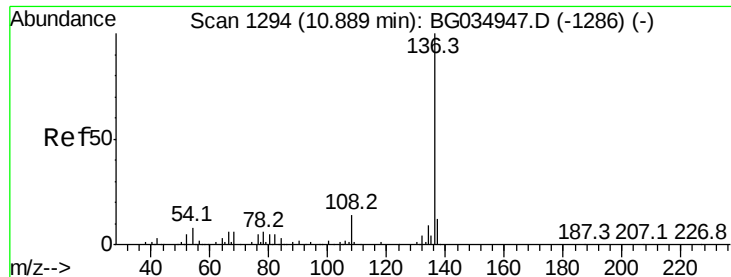
107 100

108 80.7 61.6 101.6

77 39.9 13.9 53.9

79 33.7 8.8 48.8





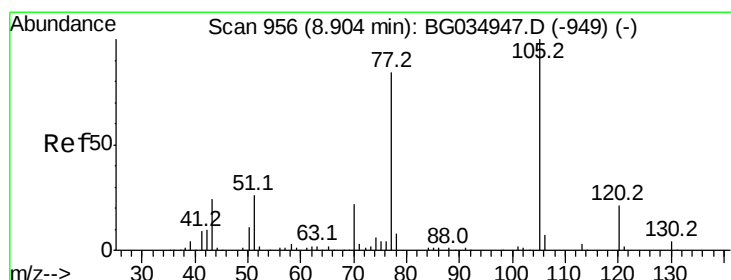
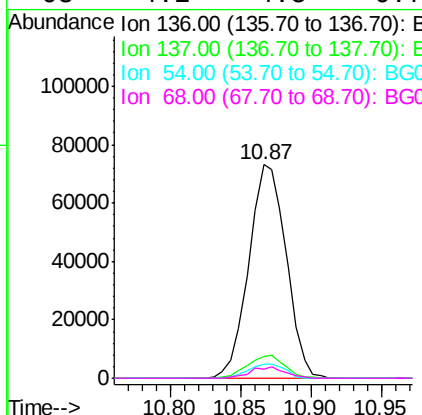
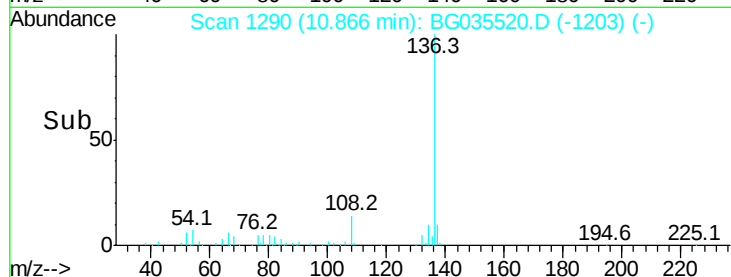
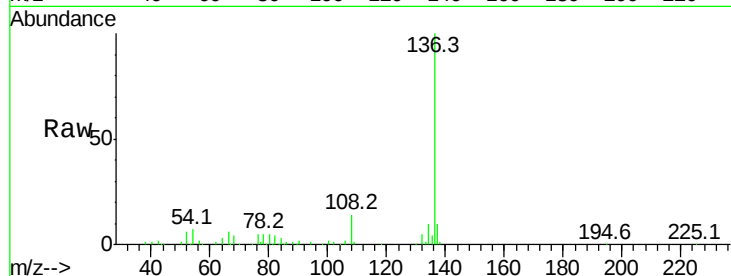
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	9.2	13.8	
54	6.8	10.3	15.5#	
68	4.2	4.5	6.7#	

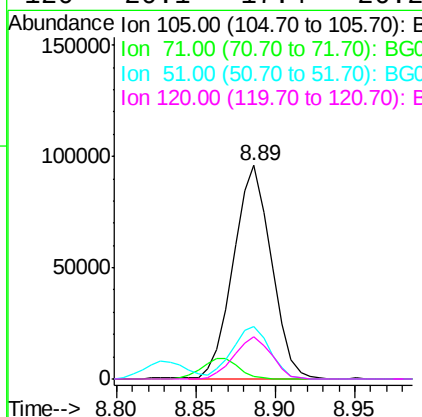
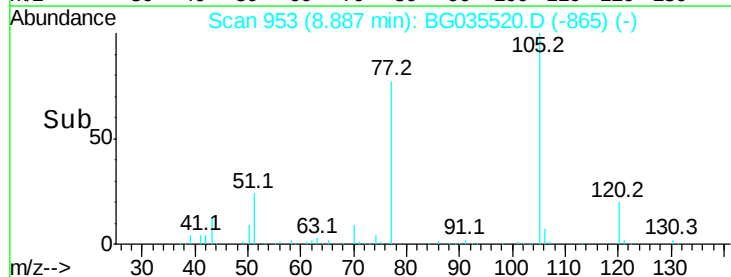
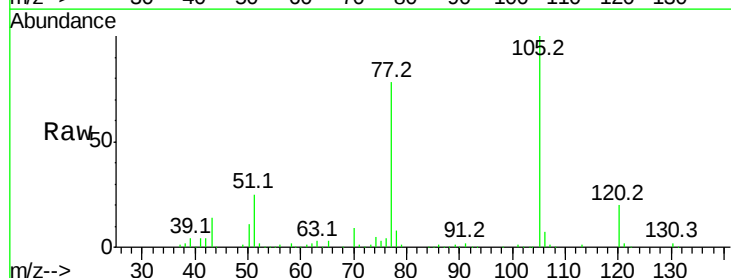
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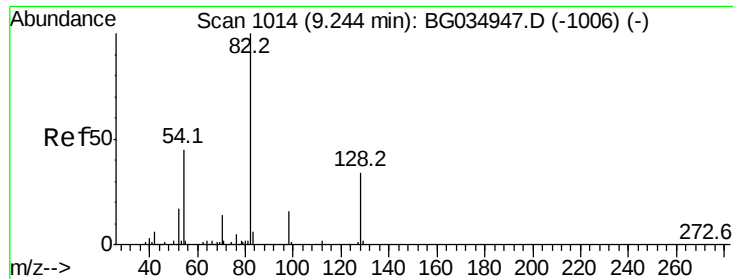
Sohil
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#22
Acetophenone
Concen: 37.719 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	3.0	4.4#	
51	24.5	26.1	39.1#	
120	20.1	17.4	26.2	





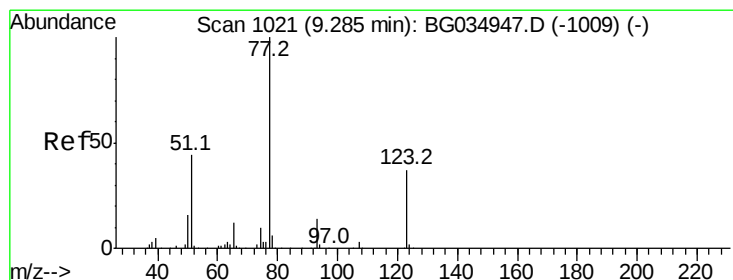
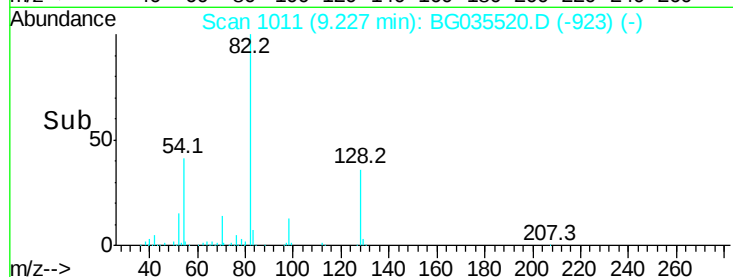
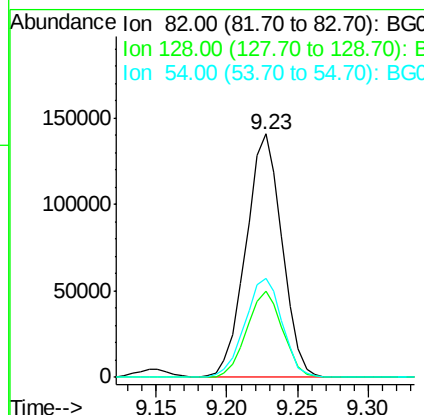
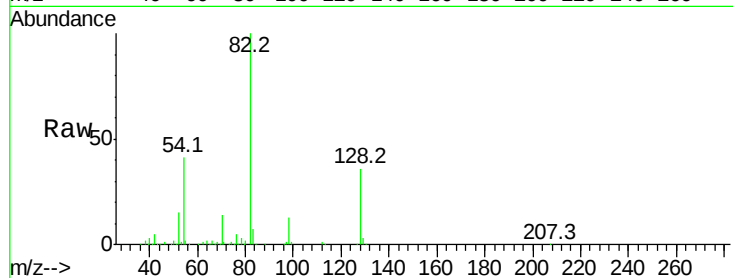
#23
Nitrobenzene-d5
Concen: 88.352 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	35.6	29.7	44.5
54	40.9	43.1	64.7#

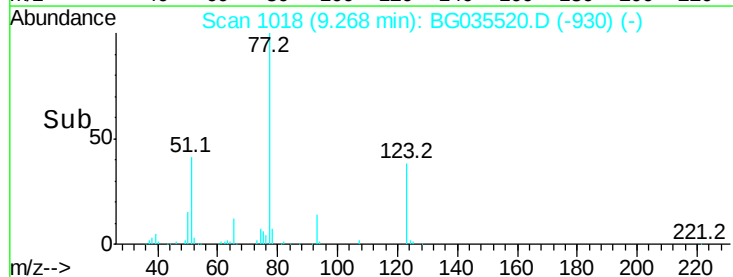
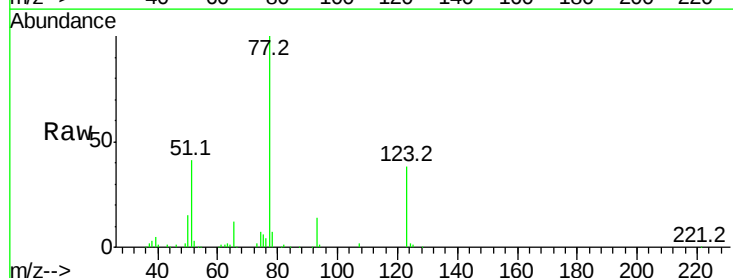
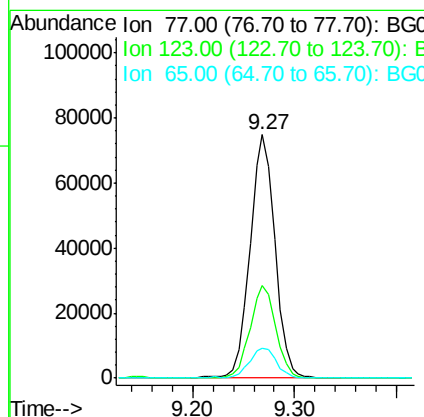
Manual Integrations
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#24
Nitrobenzene
Concen: 43.552 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	37.8	33.0	49.6
65	12.4	13.0	19.6#





#25

Isophorone

Concen: 42.057 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

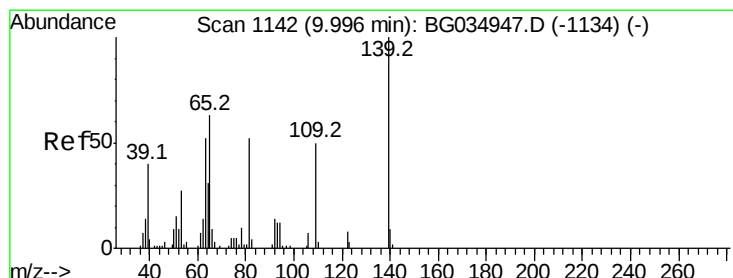
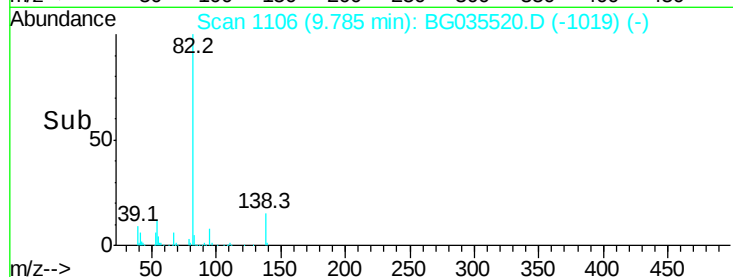
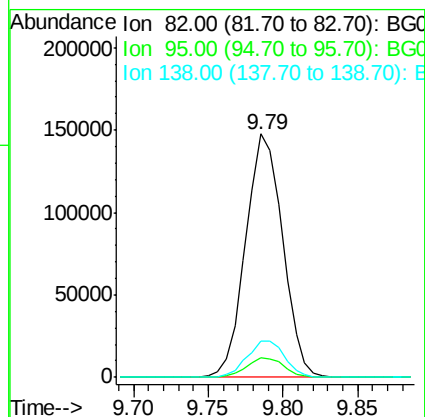
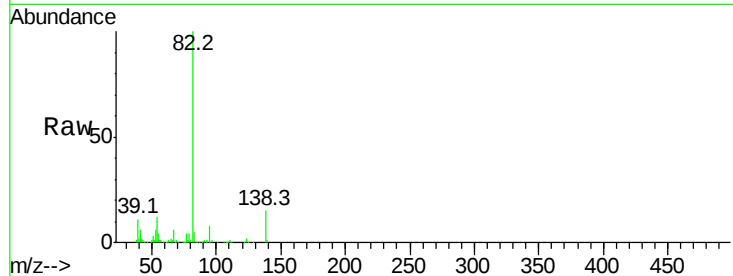
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	82	Resp:	253825
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.2	9.2
138	14.8	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.298 ng

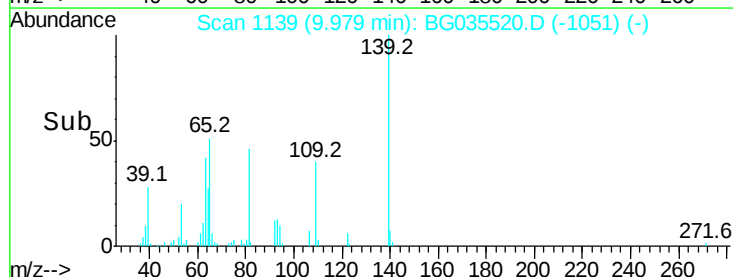
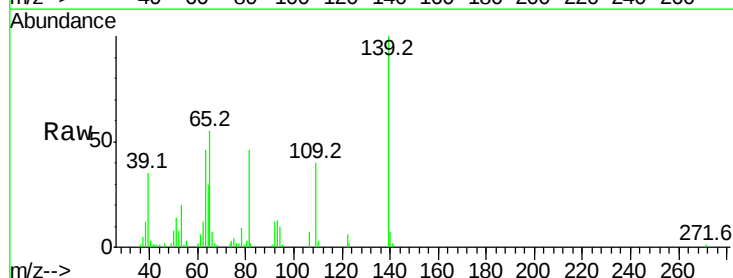
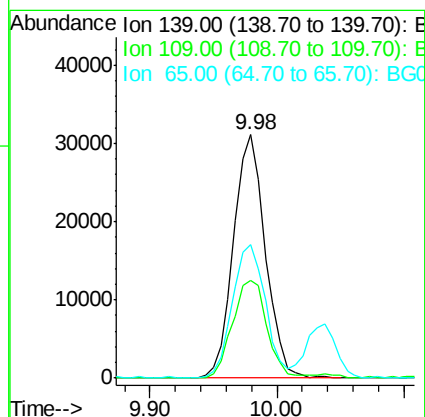
RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	139	Resp:	53776
Ion Ratio	Lower	Upper	
139	100		
109	40.1	24.2	36.2#
65	54.6	47.4	71.0





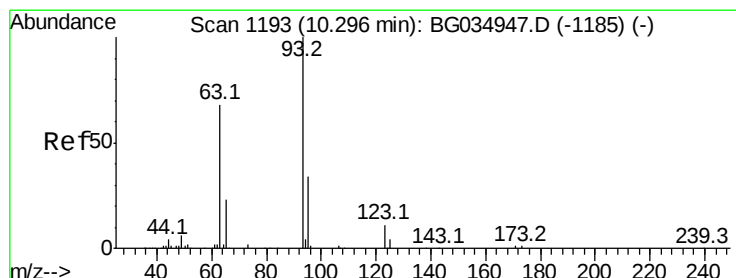
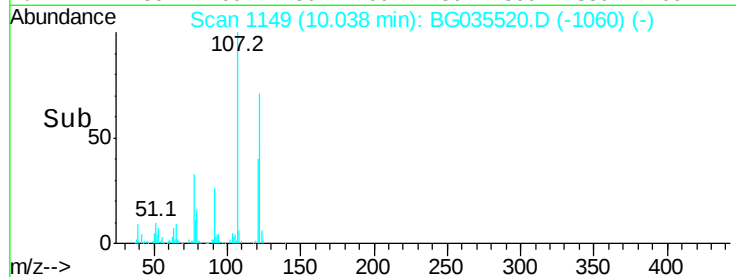
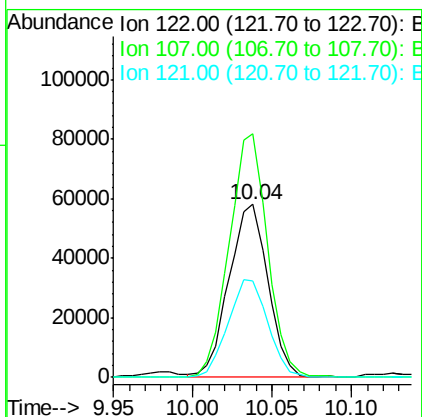
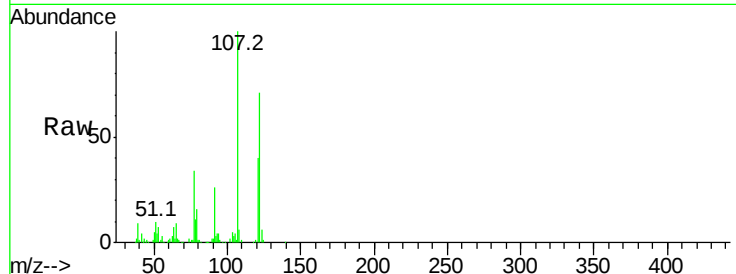
#27
2,4-Dimethylphenol
Concen: 46.775 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.9	100.2	150.2
121	56.0	44.4	66.6

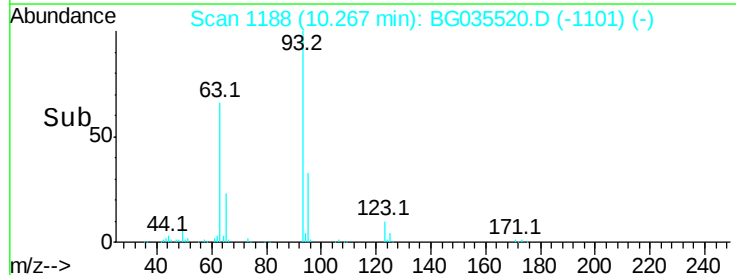
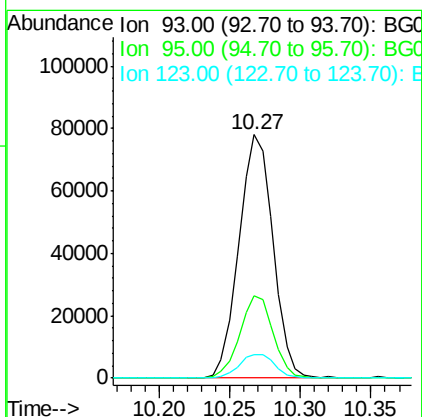
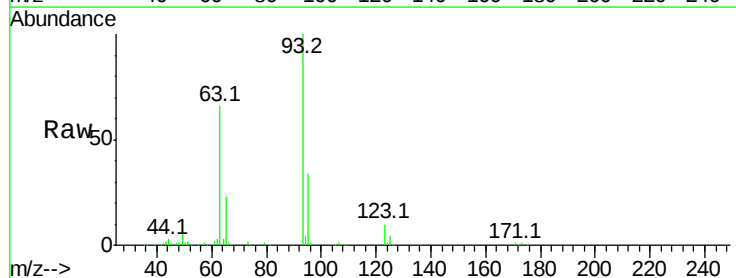
Manual Integrations
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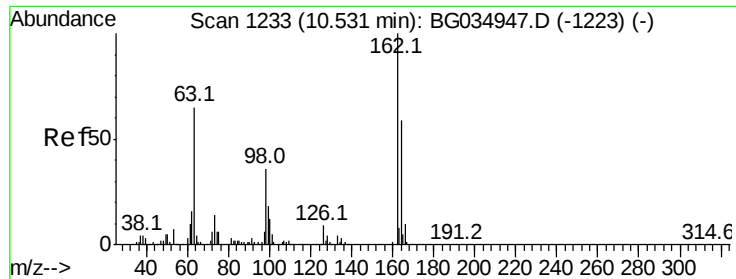
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.568 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	24.3	36.5
123	9.8	8.4	12.6





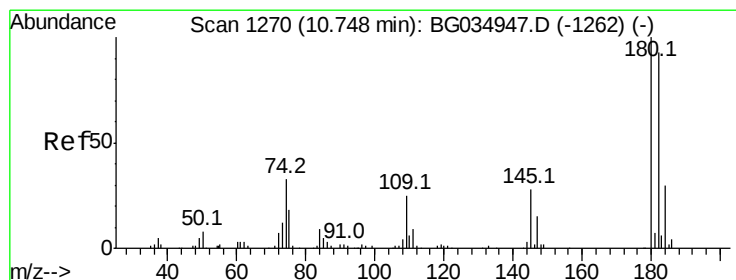
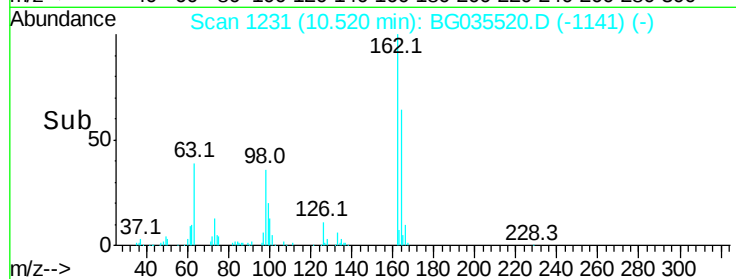
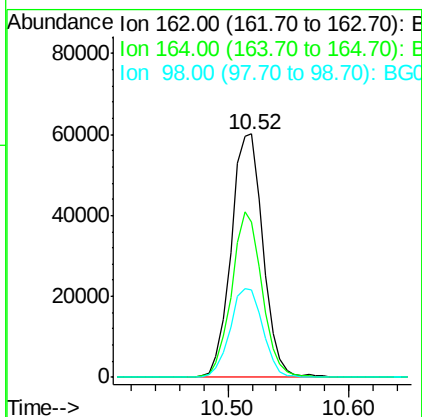
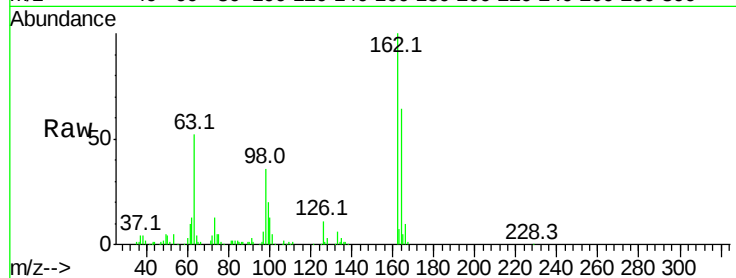
#29
 2,4-Dichlorophenol
 Concen: 47.886 ng
 RT: 10.52 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

Tot Ion:	162	Resp:	110502
Ion Ratio	Lower	Upper	
162	100		
164	63.6	48.0	88.0
98	36.0	21.1	61.1

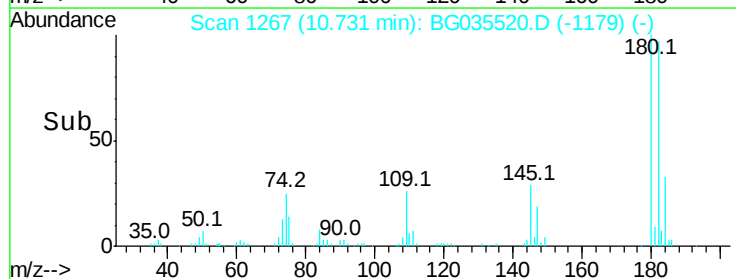
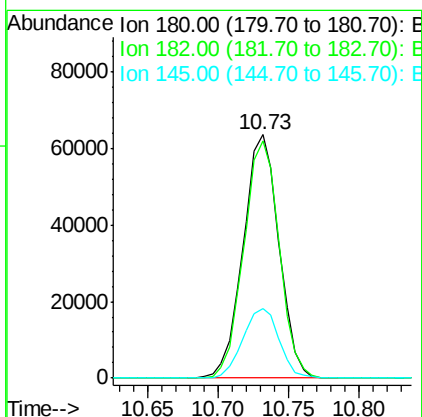
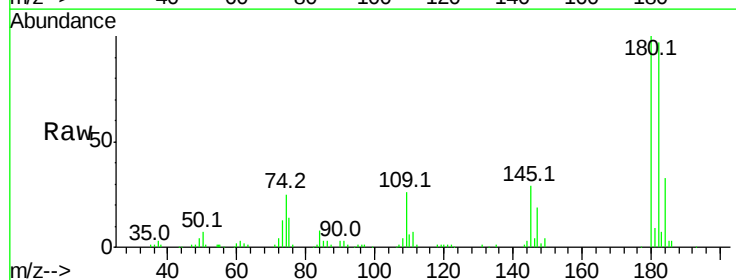
Manual Integrations
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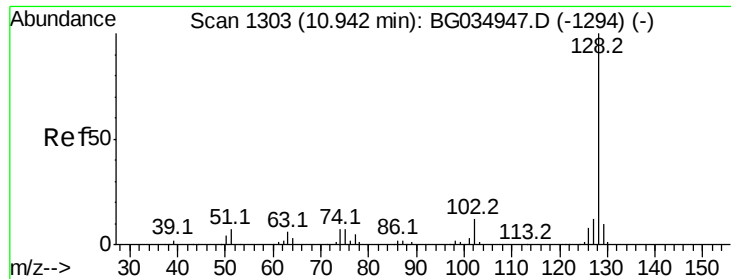
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.856 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Tgt Ion:	180	Resp:	113050
Ion Ratio	Lower	Upper	
180	100		
182	97.5	77.5	116.3
145	28.6	23.4	35.2





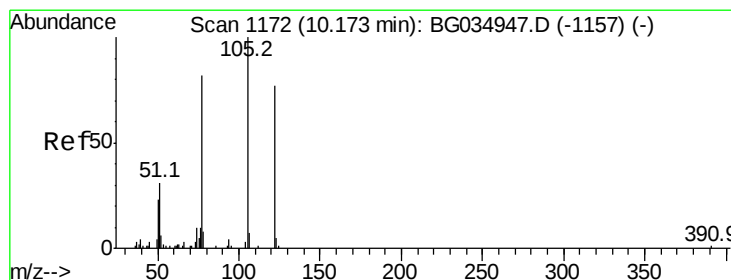
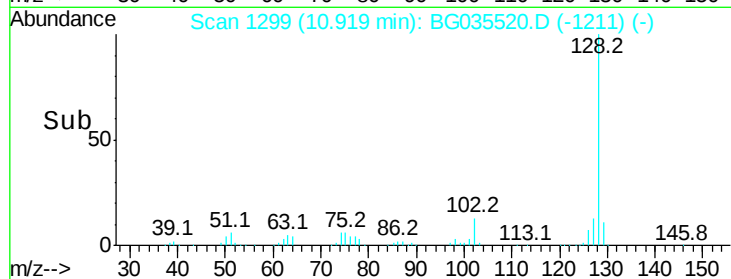
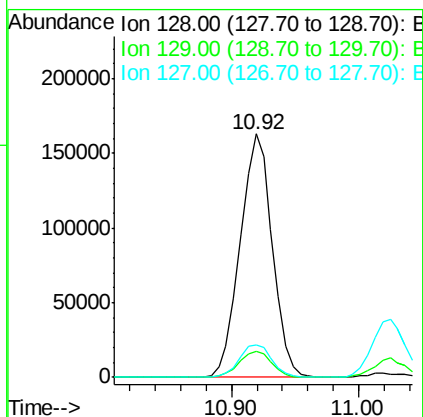
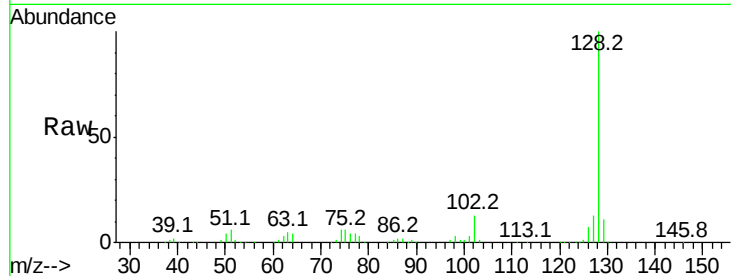
#31
Naphthalene
Concen: 40.411 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.2	11.6	17.4

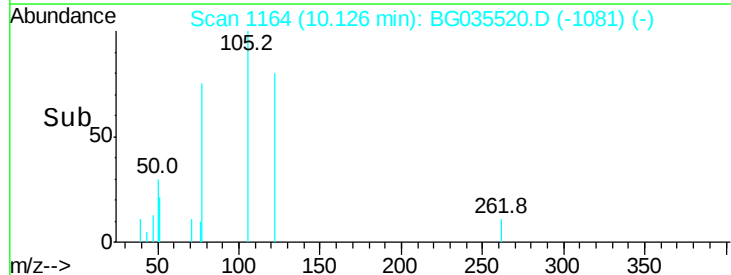
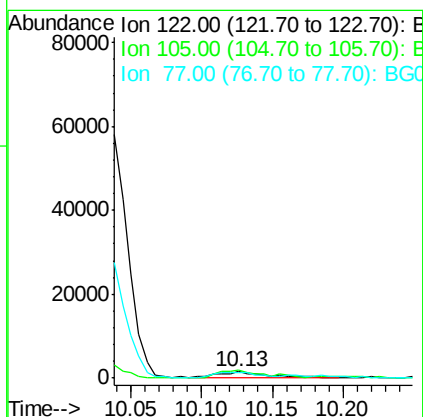
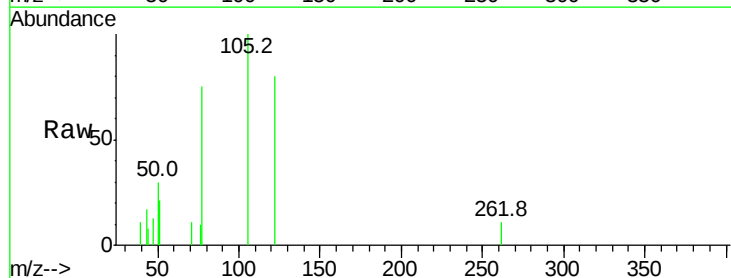
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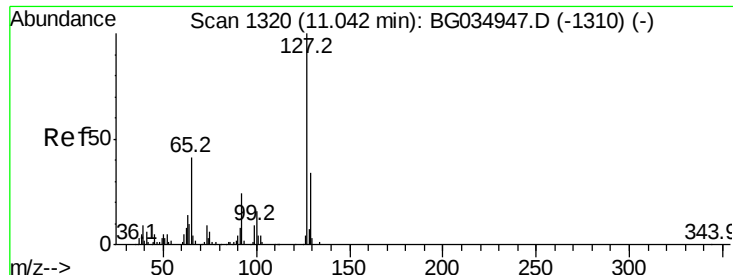
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#32
Benzoic acid
Concen: 2.632 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.04 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	123.5	163.5
77	94.3	85.7	125.7





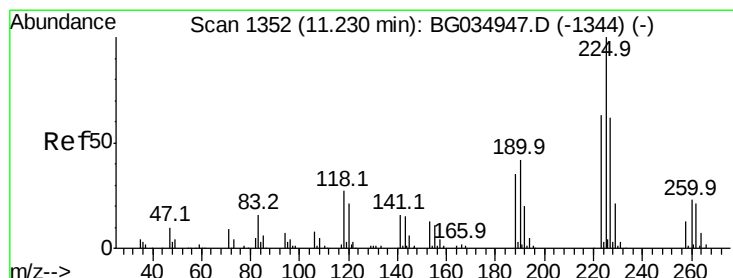
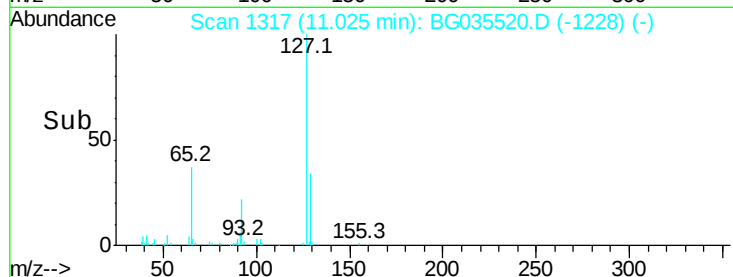
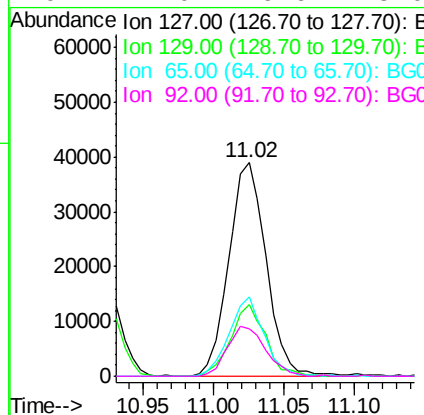
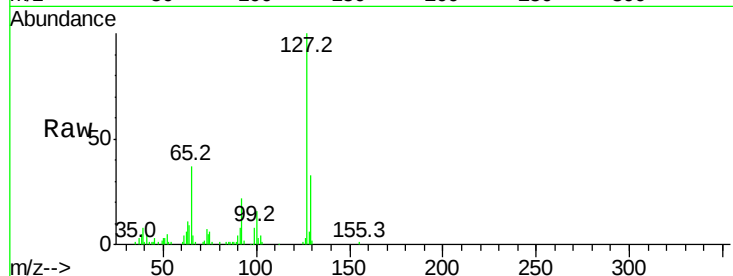
#33
4-Chloroaniline
Concen: 23.420 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion:	127	Resp:	71780
Ion Ratio	Lower	Upper	
127	100		
129	33.3	24.0	36.0
65	37.2	27.0	40.4
92	22.0	16.6	25.0

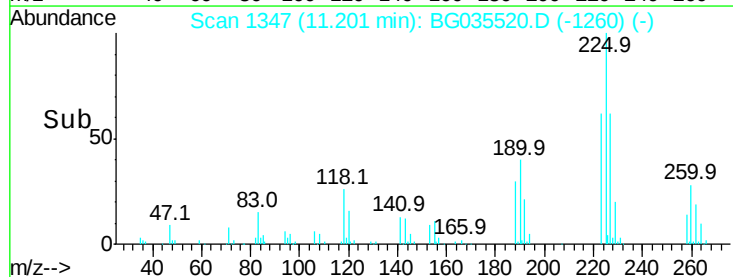
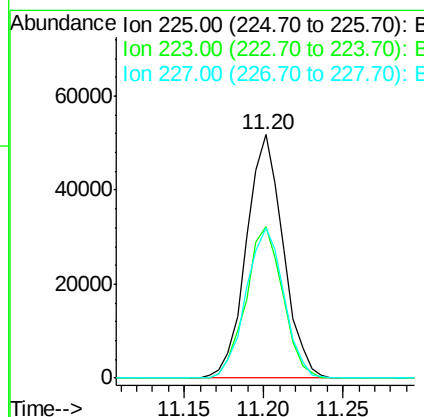
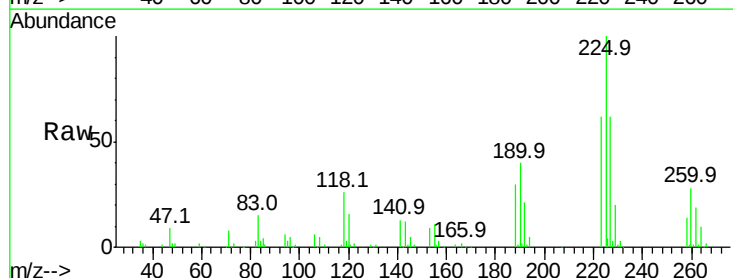
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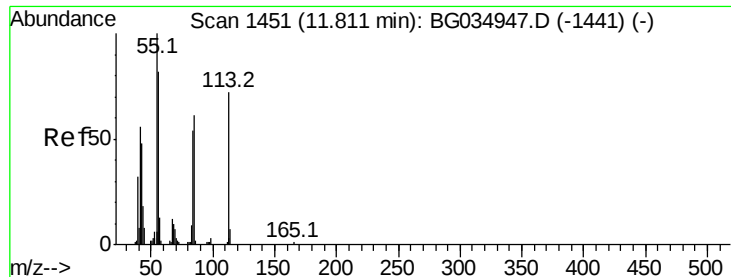
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#34
Hexachlorobutadiene
Concen: 38.977 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion:	225	Resp:	83877
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.7	74.5
227	61.9	48.1	72.1





#35

Caprolactam

Concen: 46.219 ng/ml

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:113 Resp: 39417

Ion Ratio Lower Upper

113 100

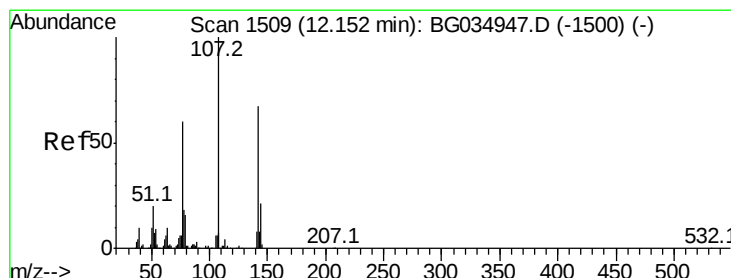
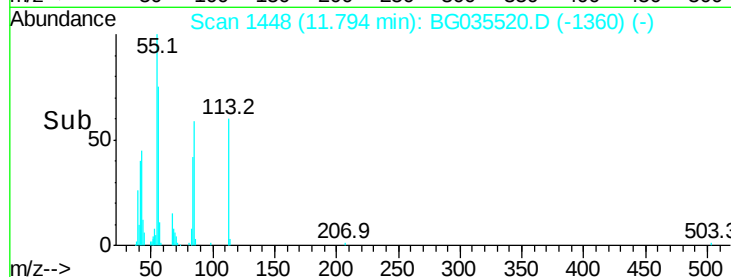
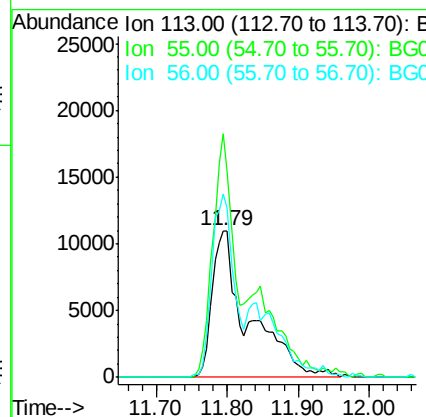
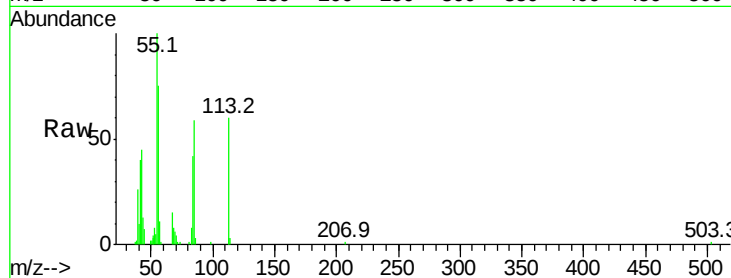
55 165.7 186.9 226.9#

56 124.6 130.9 170.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 49.394 ng/ml

RT: 12.14 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

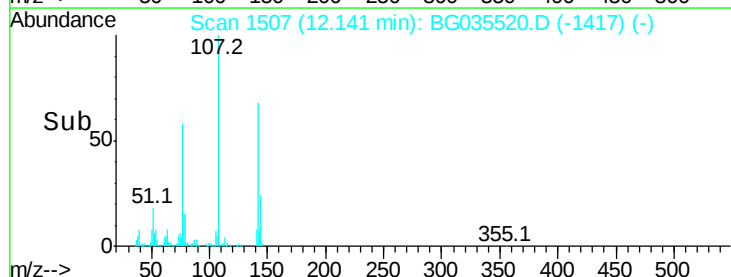
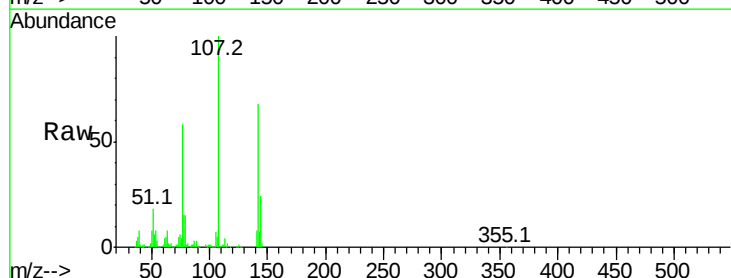
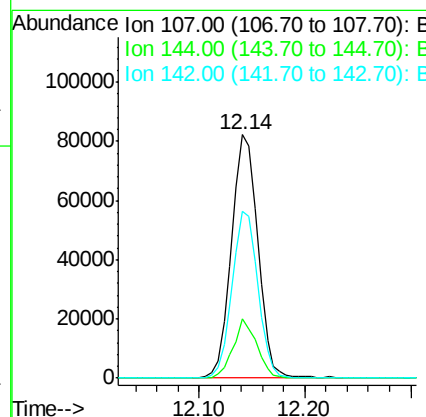
Tgt Ion:107 Resp: 142084

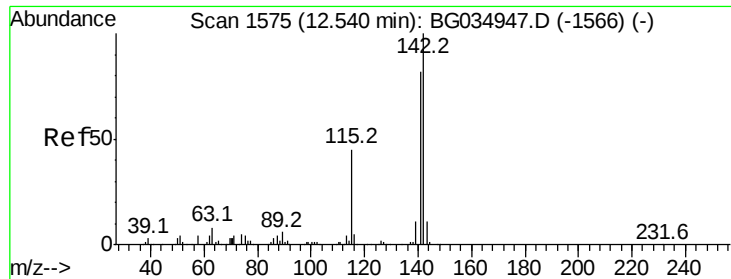
Ion Ratio Lower Upper

107 100

144 24.2 18.2 27.4

142 68.3 59.0 88.4





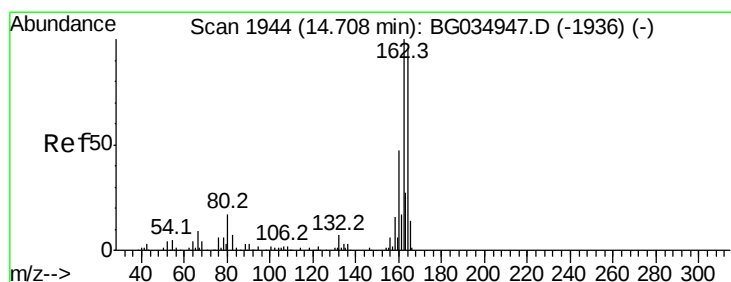
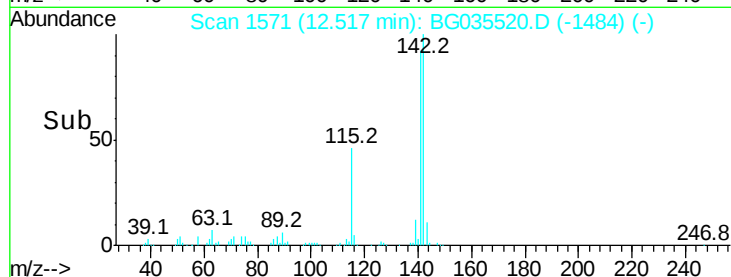
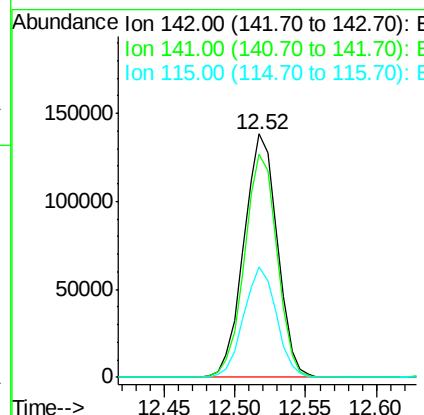
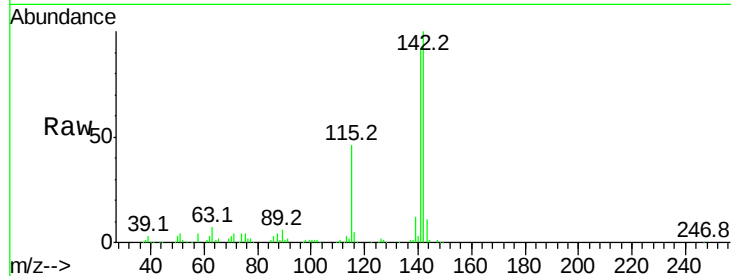
#37
2-Methylnaphthalene
Concen: 42.918 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	229681		
141	91.7	67.1	100.7	
115	45.6	30.7	46.1	

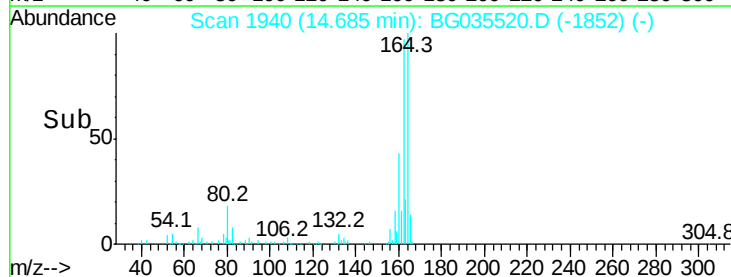
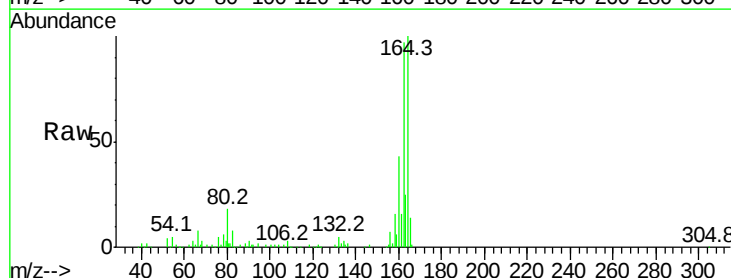
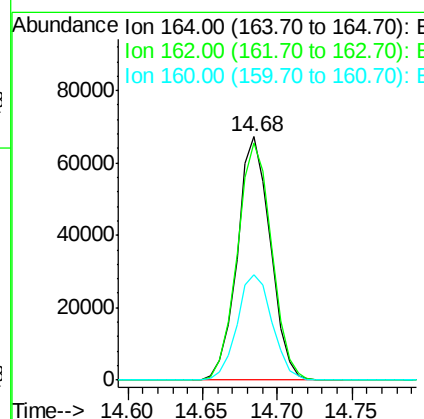
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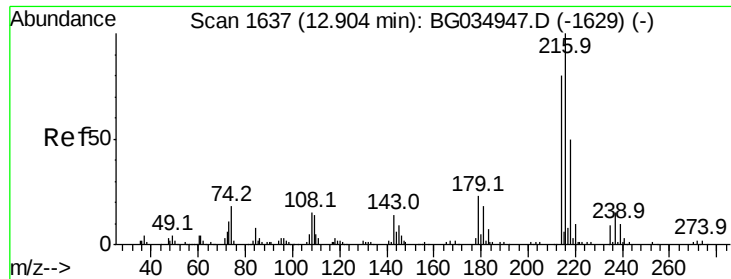
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103618		
162	97.4	78.8	118.2	
160	43.5	35.4	53.0	





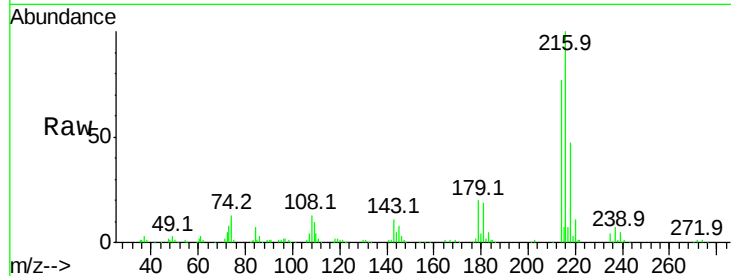
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.389 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

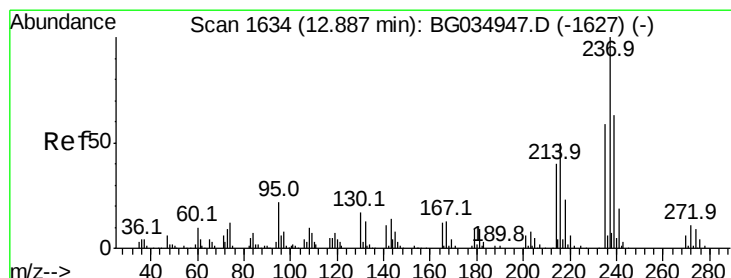
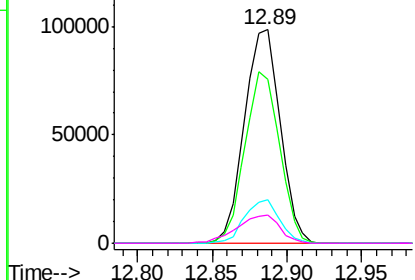
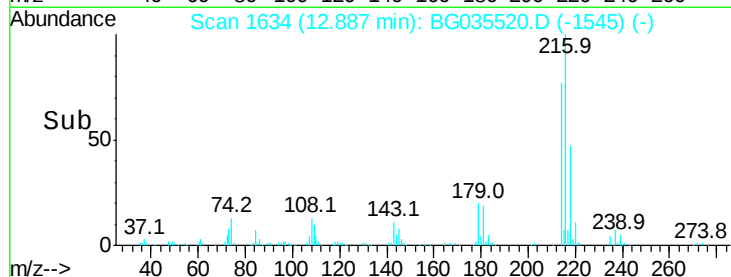
Tot Ion	Ratio	Resp	Lower	Upper
216	100	163603		
214	78.0	63.0	94.4	
179	20.0	17.0	25.6	
108	15.8	12.8	19.2	

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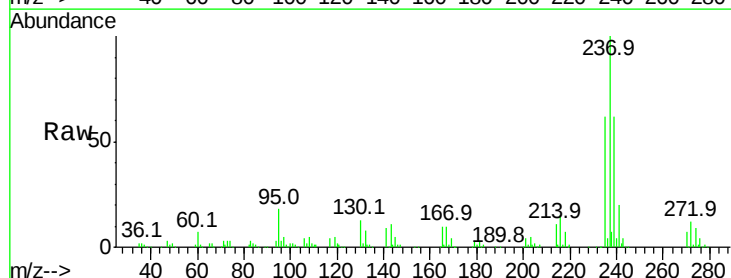


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

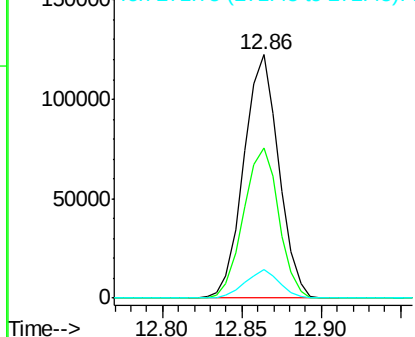
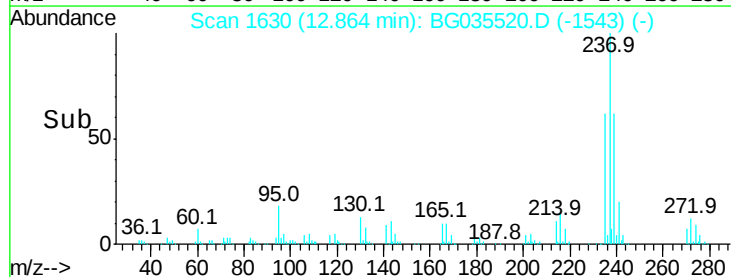


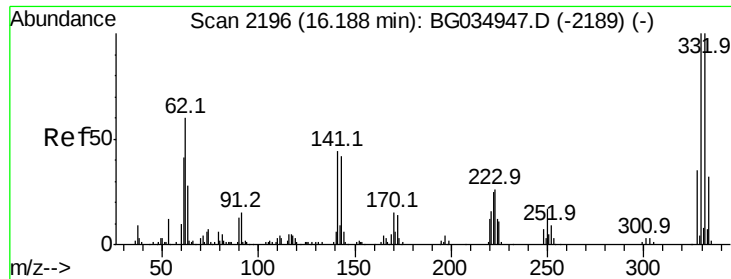
#40
 Hexachlorocyclopentadiene
 Concen: 77.555 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	187706		
235	61.7	50.4	90.4	
272	12.0	0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 154.197 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

ClientSampleId :

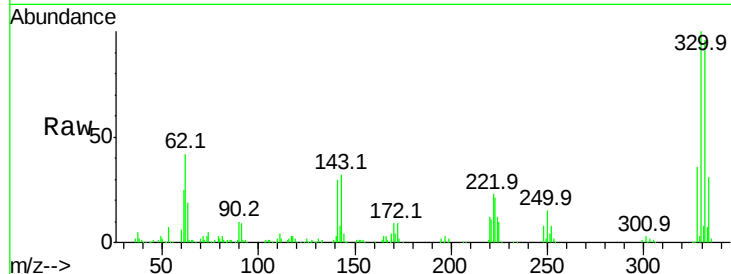
EPE-106-8(18-20)MSD

Tot Ion:	330	Resp:	204534
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	35.3	25.2	37.8

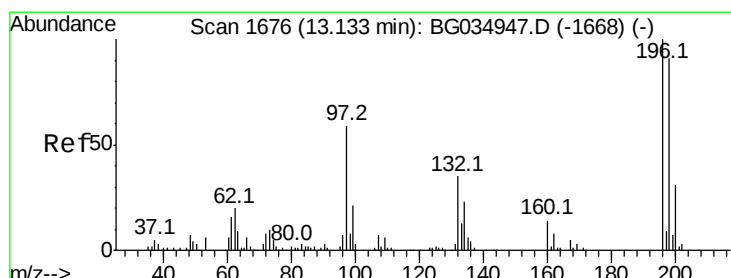
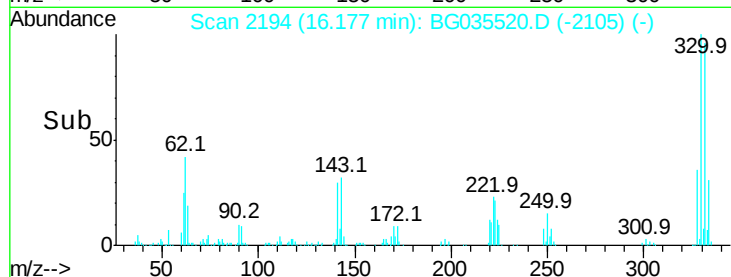
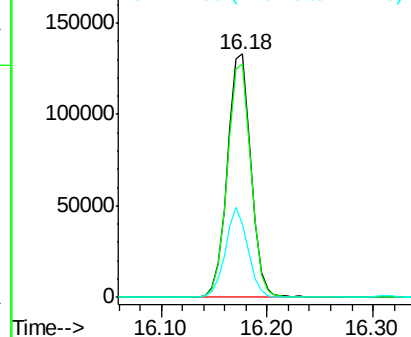
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 47.188 ng

RT: 13.12 min Scan# 1674

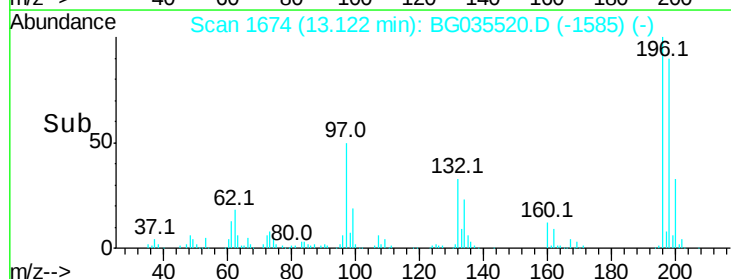
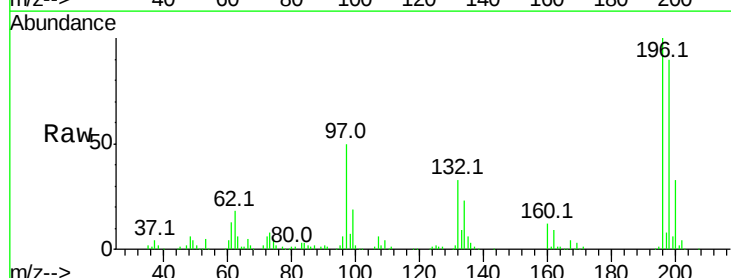
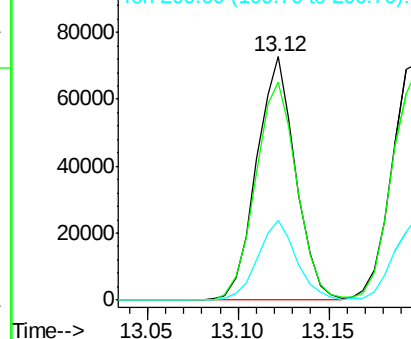
Delta R.T. -0.01 min

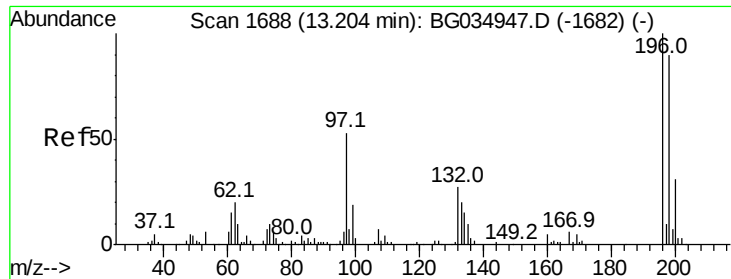
Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	196	Resp:	109052
Ion Ratio	Lower	Upper	
196	100		
198	89.6	78.2	117.2
200	32.6	24.6	36.8

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





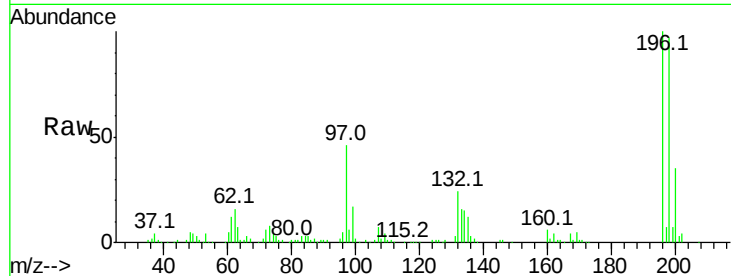
#43
 2,4,5-Trichlorophenol
 Concen: 46.209 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117210		
198	97.3	76.2	114.4	
97	46.2	38.7	58.1	
132	23.9	20.2	30.2	

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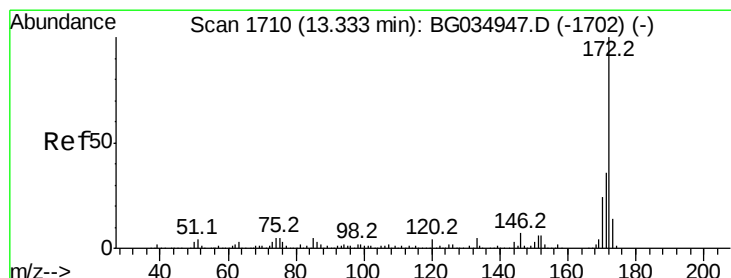
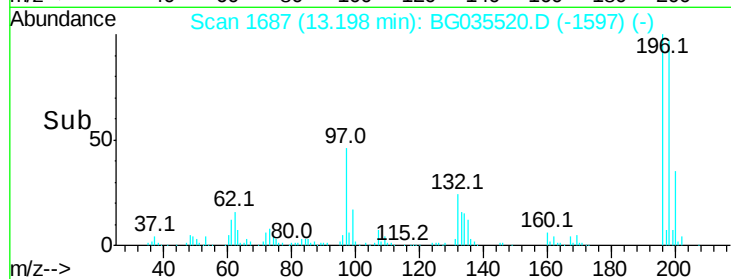
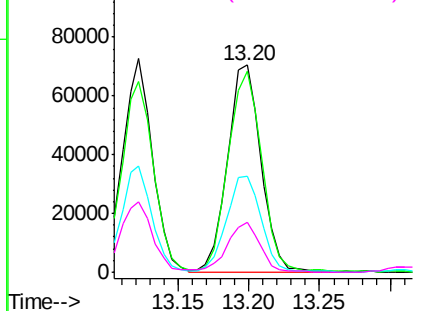
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.549 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

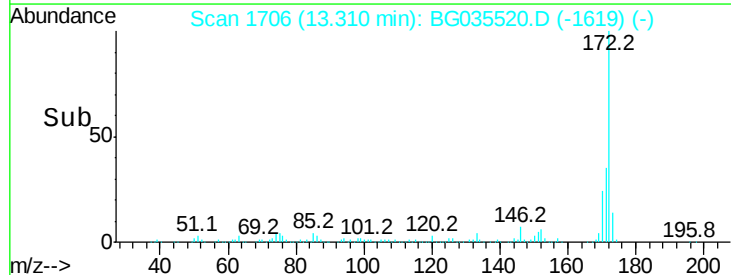
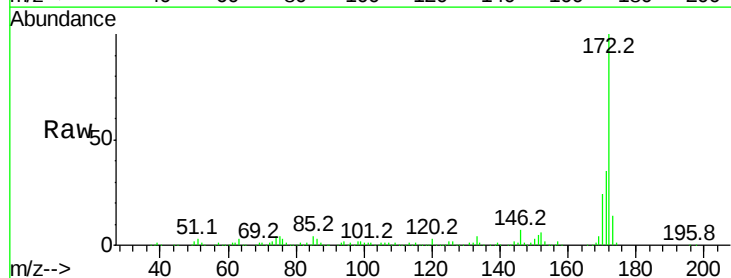
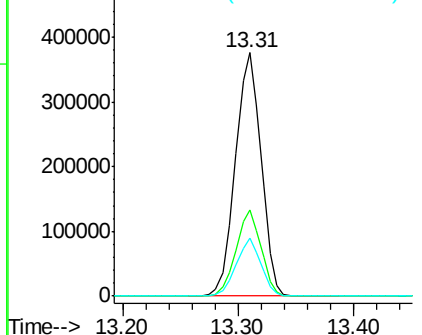
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	578261		
171	35.5	30.0	45.0	
170	24.1	19.5	29.3	

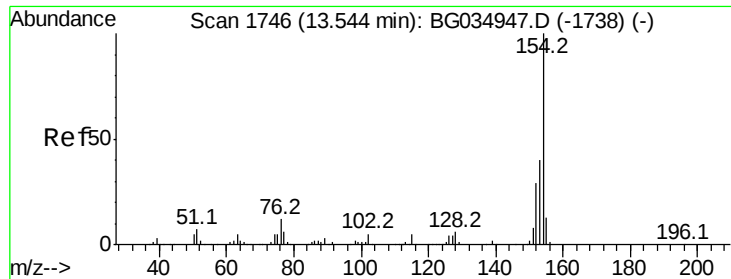
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





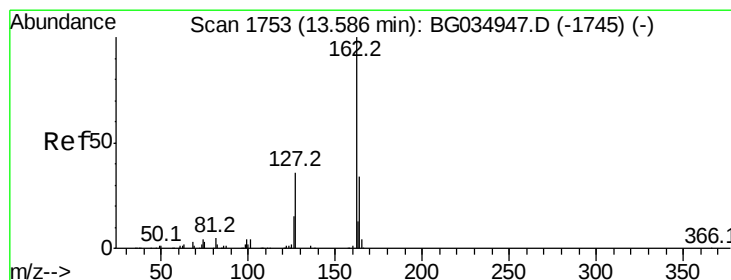
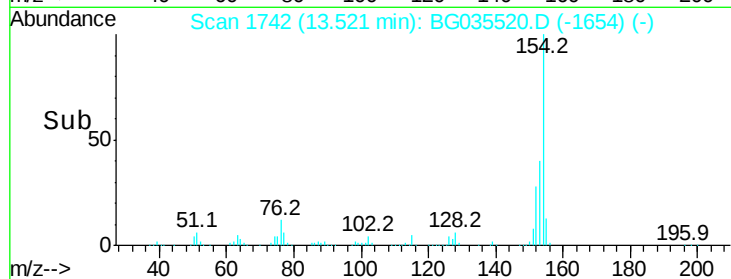
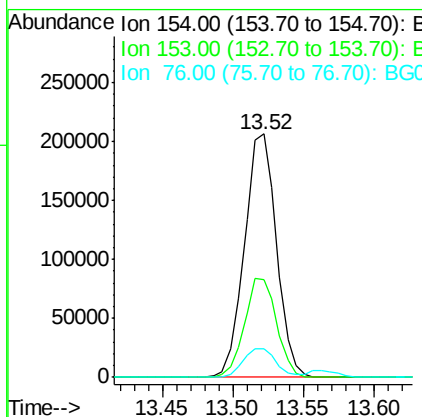
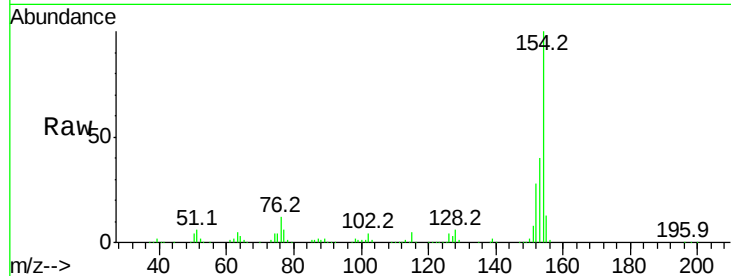
#45
 1,1'-Biphenyl
 Concen: 39.326 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.9	19.8	59.8	
76	11.6	0.0	31.9	

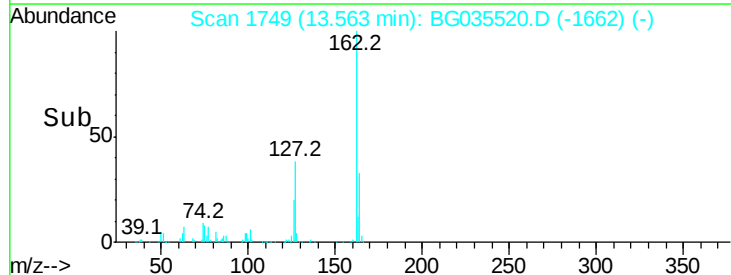
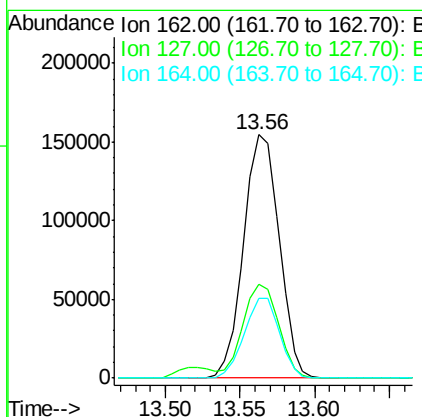
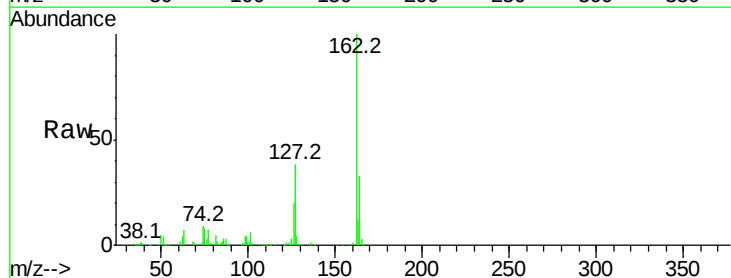
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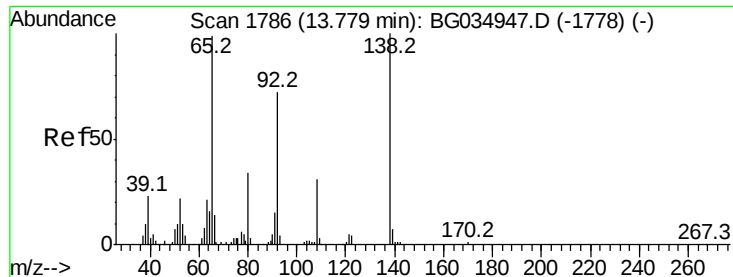
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#46
 2-Chloronaphthalene
 Concen: 40.589 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.4	30.7	46.1	
164	32.6	26.0	39.0	





#47

2-Nitroaniline

Concen: 48.755 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

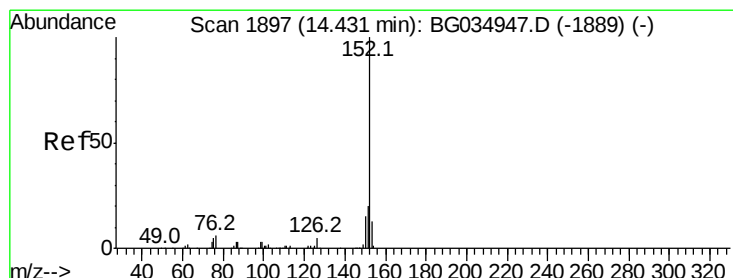
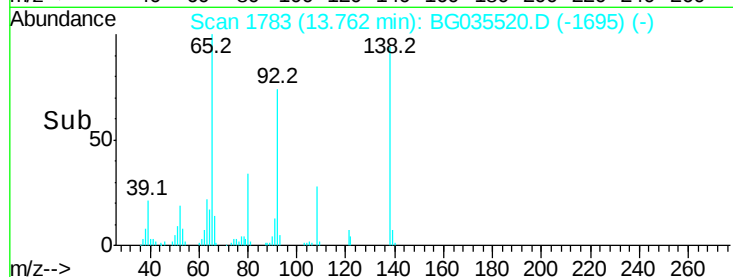
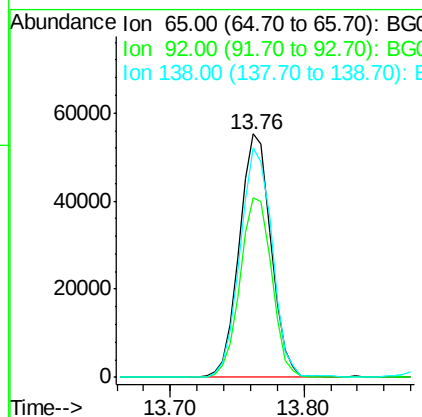
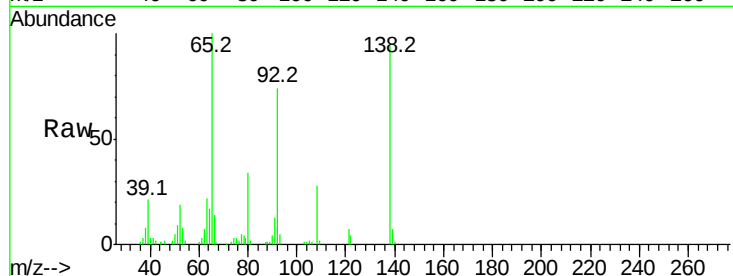
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	65	Resp:	90693
Ion Ratio	Lower	Upper	
65	100		
92	74.0	54.6	82.0
138	94.5	72.9	109.3

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#48

Acenaphthylene

Concen: 41.062 ng

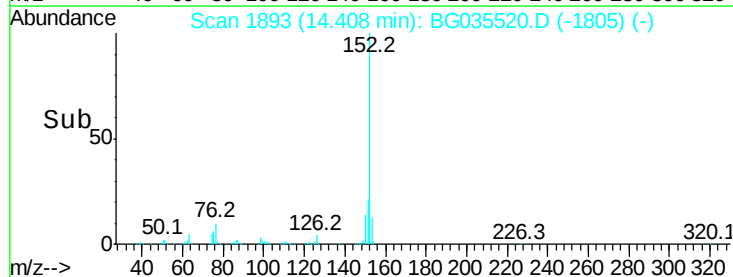
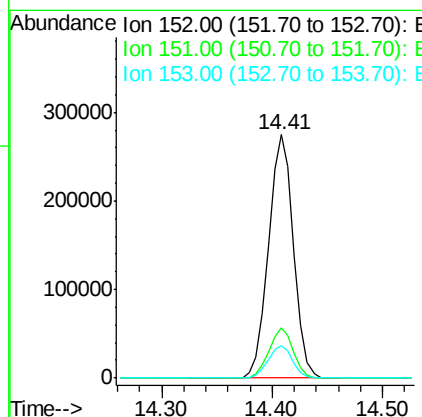
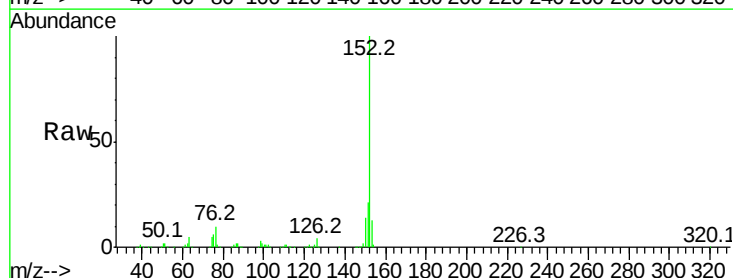
RT: 14.41 min Scan# 1893

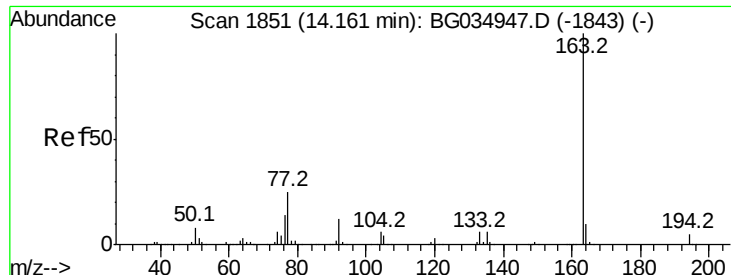
Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	152	Resp:	433737
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.2	25.8
153	13.3	10.2	15.4





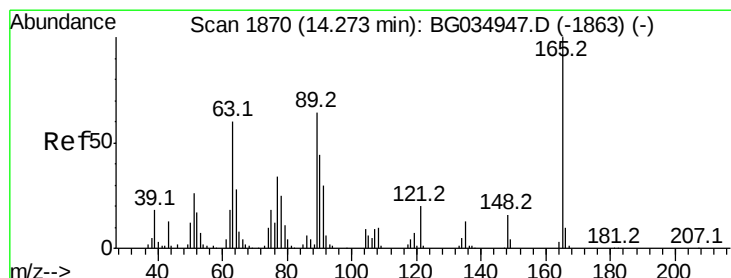
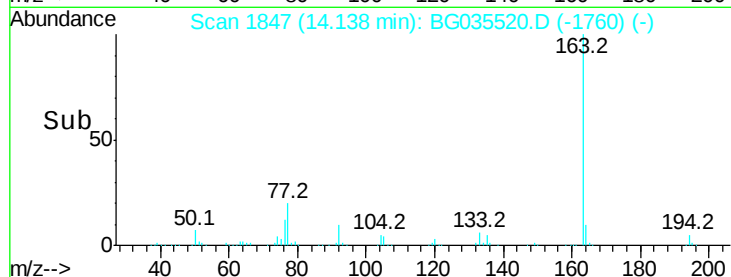
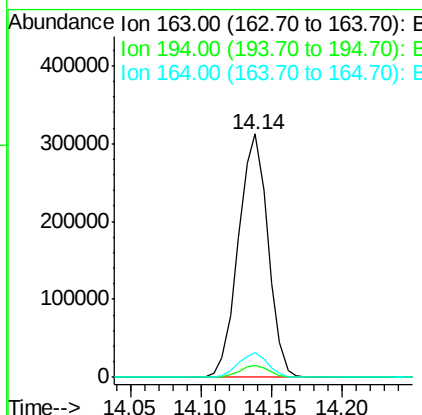
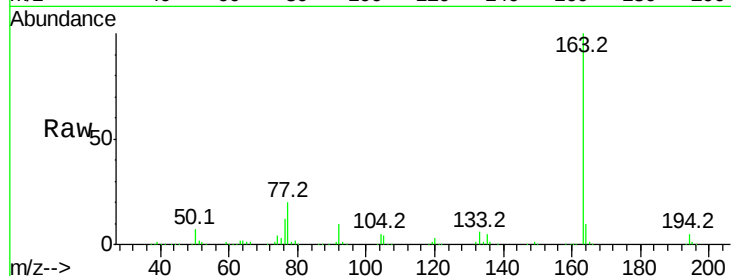
#49
Dimethylphthalate
Concen: 50.523 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.8	3.4	5.2	
164	10.2	8.2	12.4	

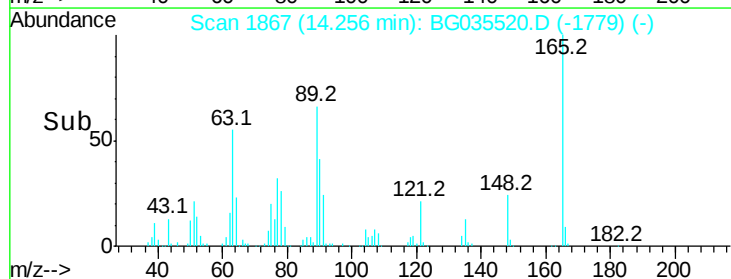
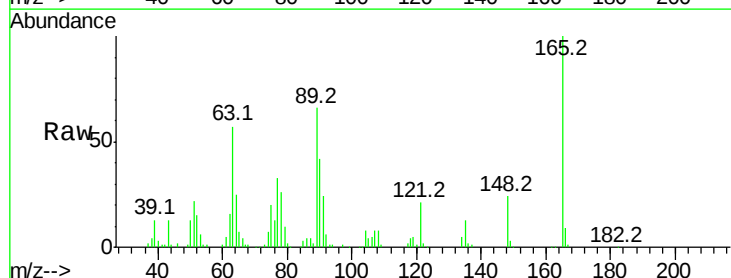
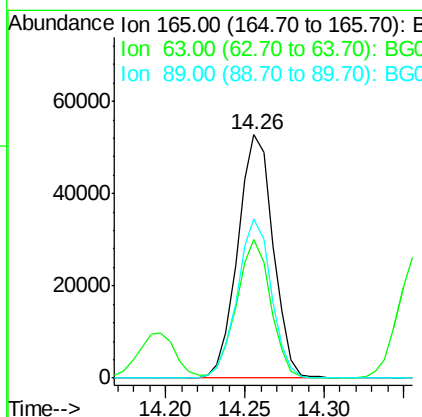
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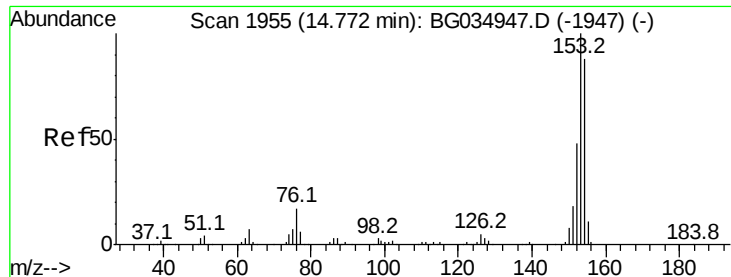
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#50
2,6-Dinitrotoluene
Concen: 49.452 ng
RT: 14.26 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.2	52.7	79.1	
89	65.6	49.2	73.8	





#51

Acenaphthene

Concen: 37.152 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

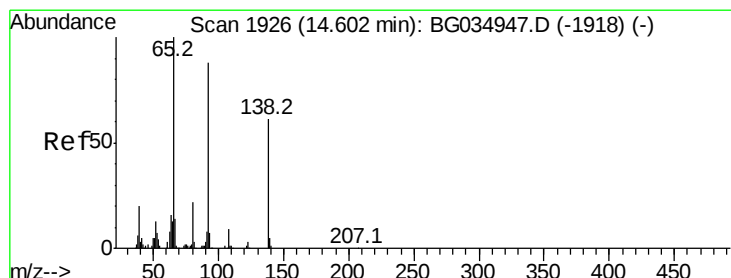
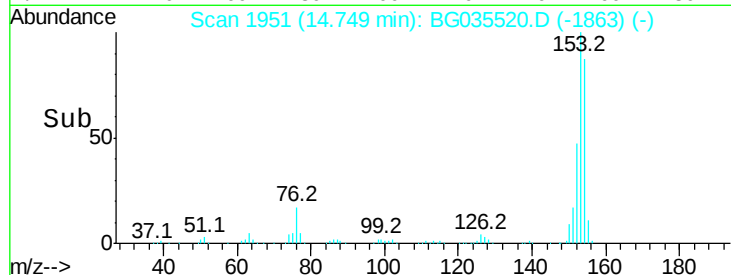
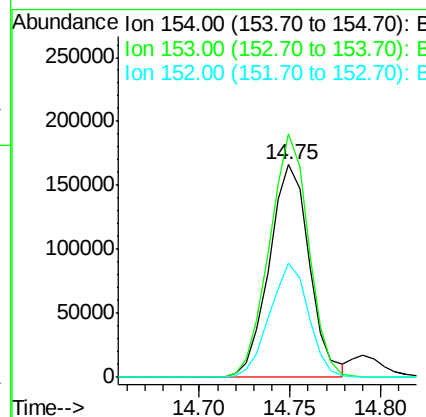
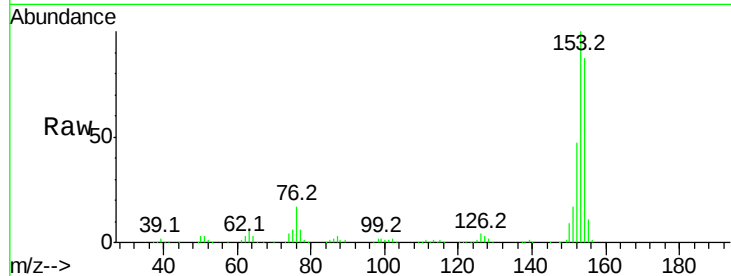
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	154	Resp:	256402
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.4	135.6
152	54.0	41.6	62.4

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#52

3-Nitroaniline

Concen: 31.623 ng

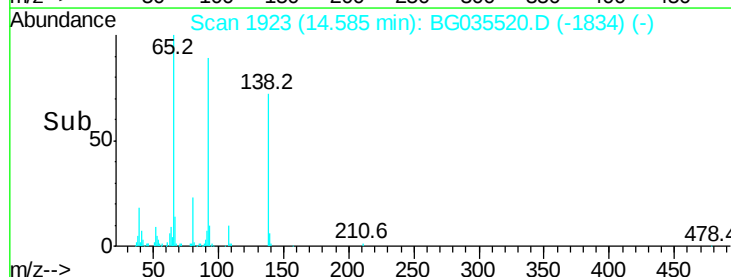
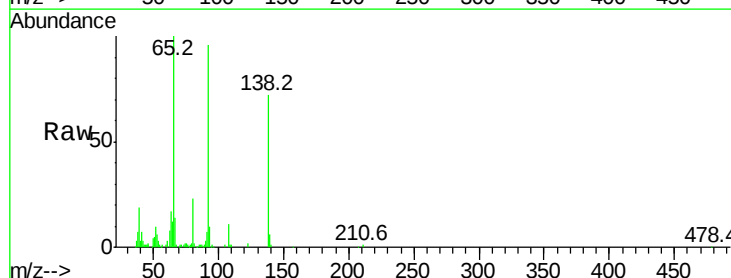
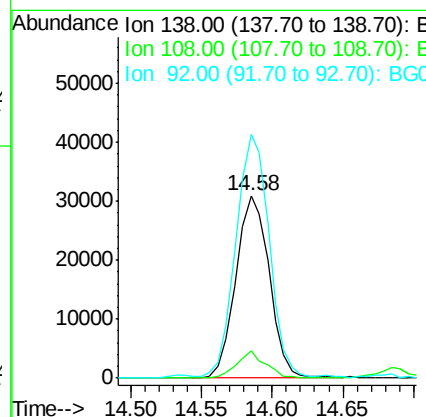
RT: 14.58 min Scan# 1923

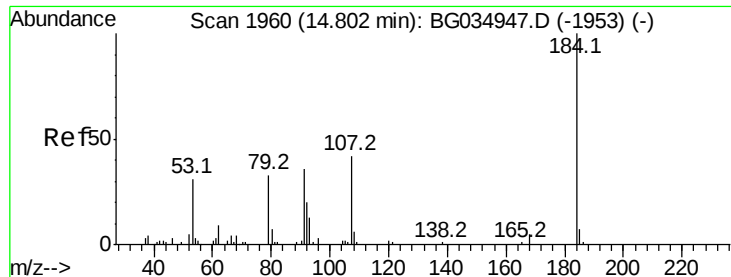
Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	138	Resp:	51151
Ion Ratio	Lower	Upper	
138	100		
108	15.1	17.5	26.3#
92	133.4	105.8	158.8





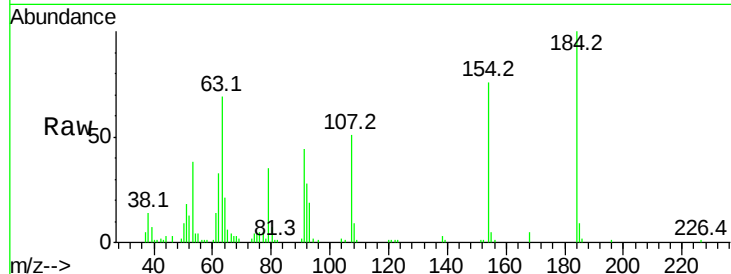
#53
2,4-Dinitrophenol
Concen: 52.580 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

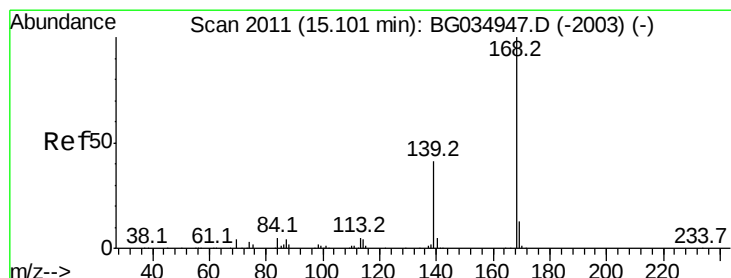
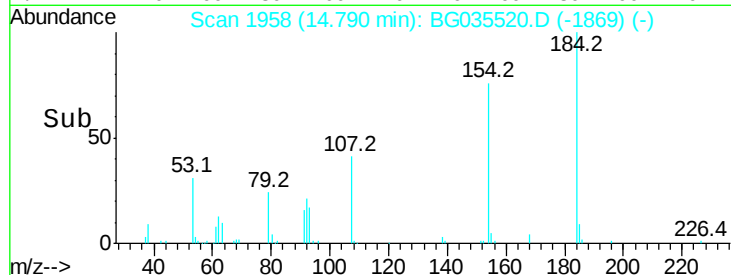
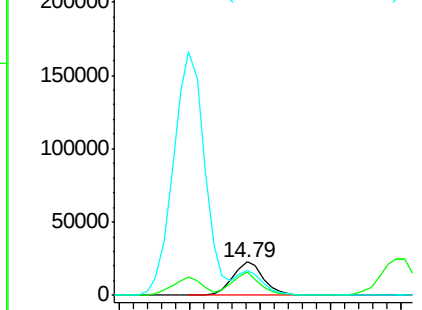
Tot Ion	Ratio	Lower	Upper
184	100		
63	68.7	59.8	89.8
154	75.6	101.8	152.8#

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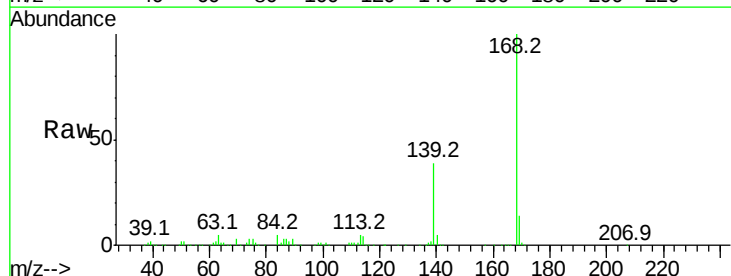


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

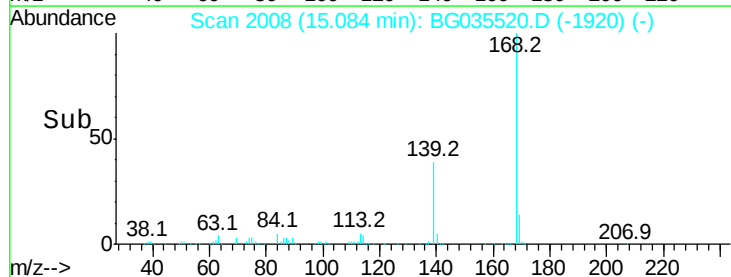
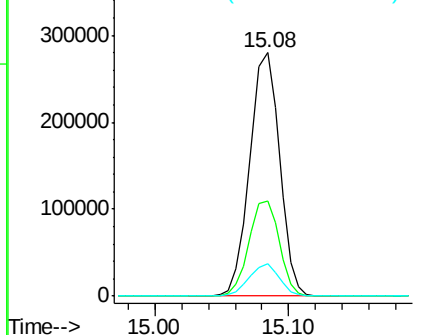


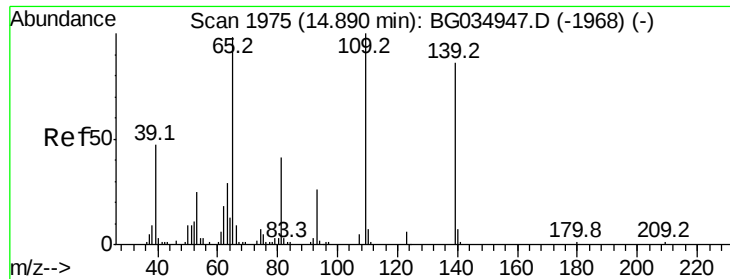
#54
Dibenzofuran
Concen: 41.712 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	28.6	43.0
169	13.6	11.2	16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





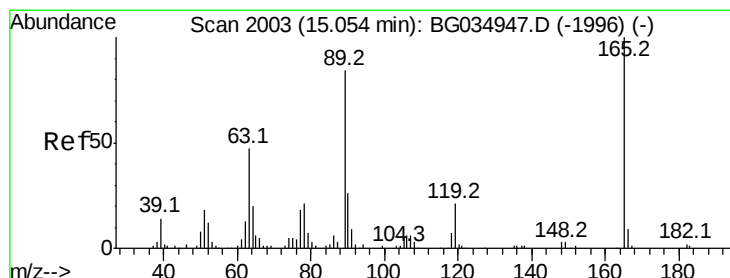
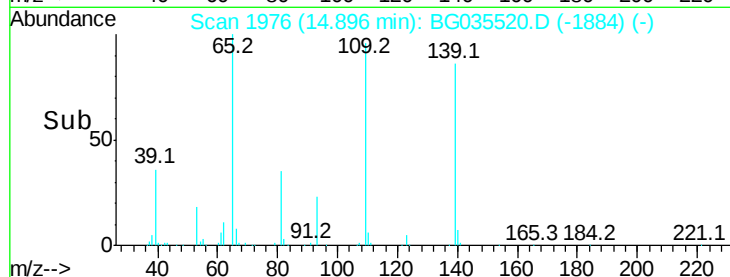
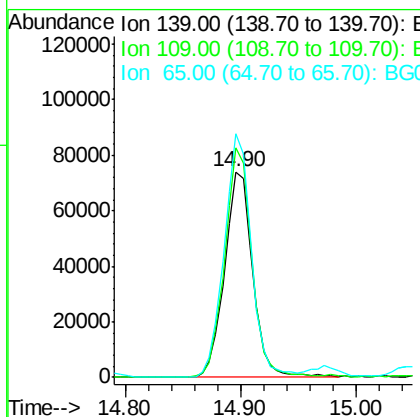
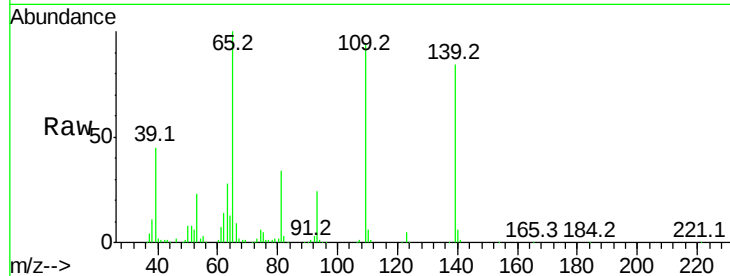
#55
4-Nitrophenol
Concen: 91.225 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	111.7	62.2	102.2#
65	118.4	97.2	137.2

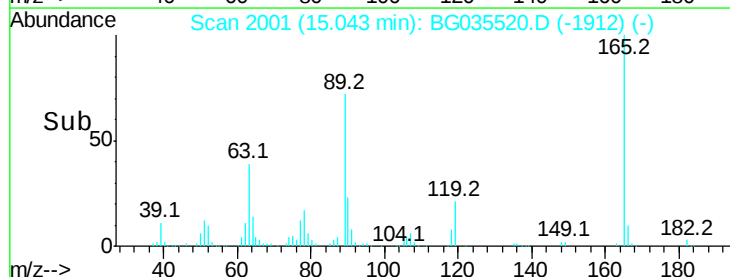
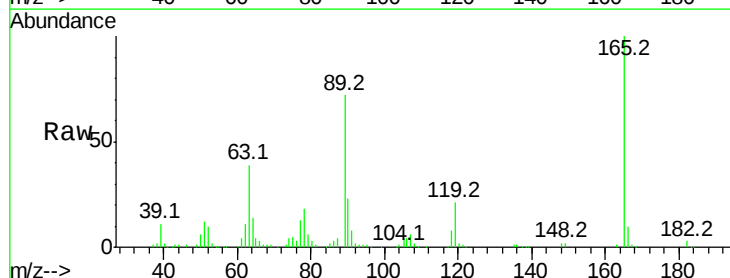
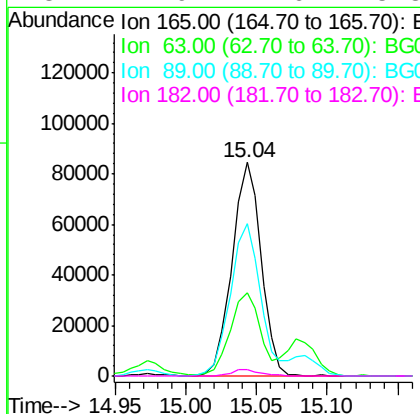
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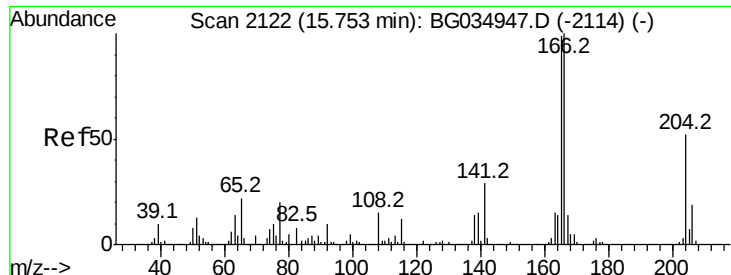
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#56
2,4-Dinitrotoluene
Concen: 55.316 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	42.0	63.0#
89	71.5	66.9	100.3
182	2.9	2.6	3.8





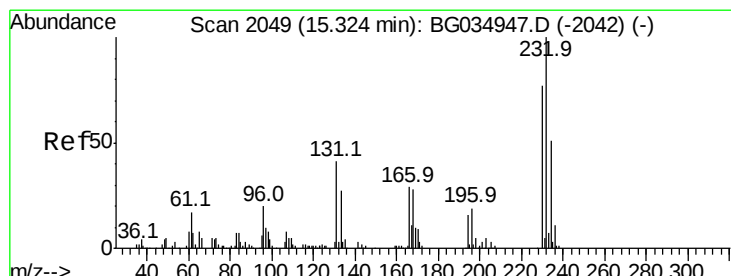
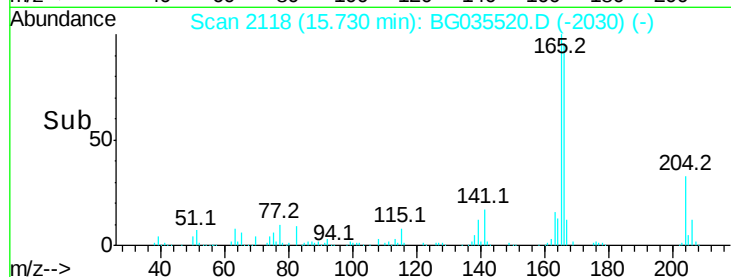
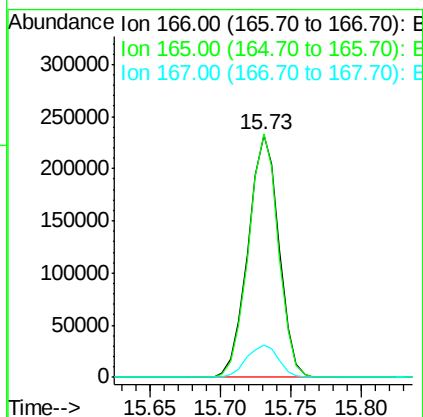
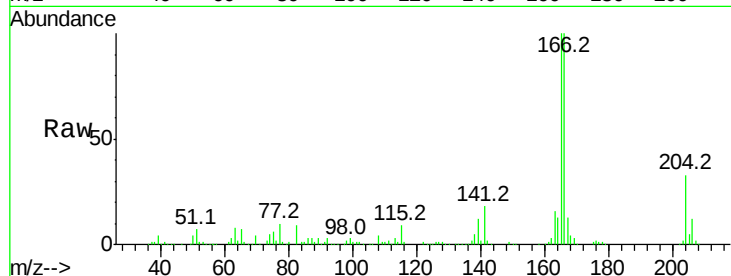
#57
Fluorene
 Concen: 41.200 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	80.6	121.0	
167	13.2	10.4	15.6	

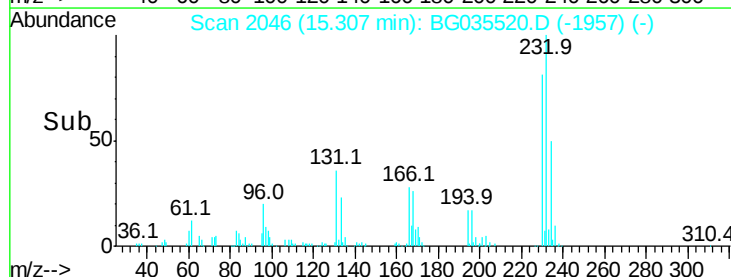
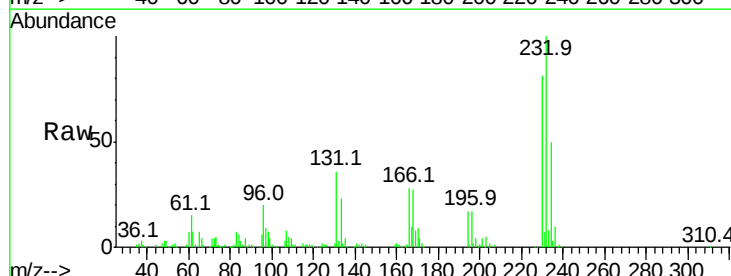
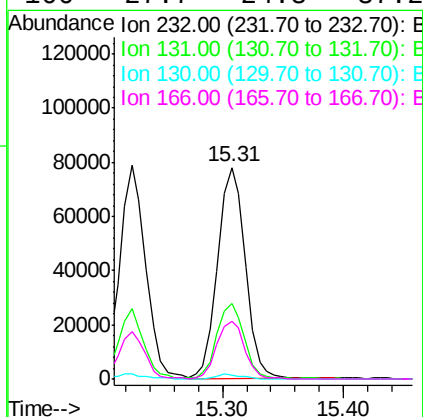
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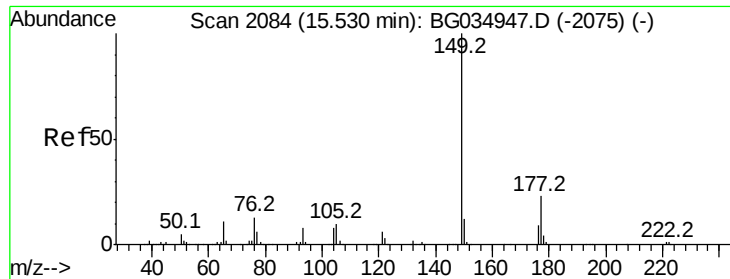
Sohil
 7/2/2018 12:35:22 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.963 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	34.8	33.5	50.3	
130	2.1	2.2	3.2#	
166	27.7	24.8	37.2	





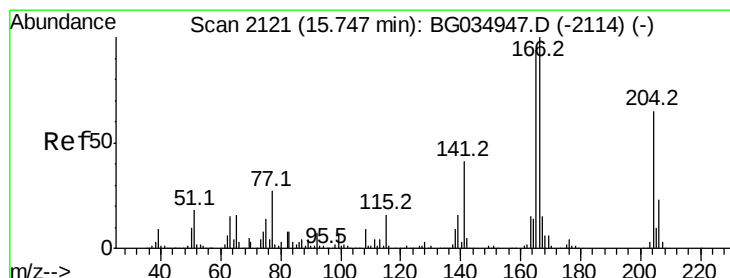
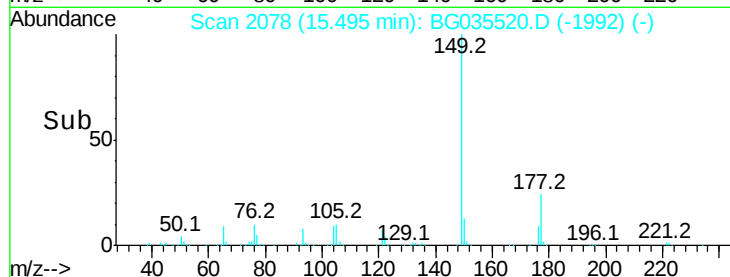
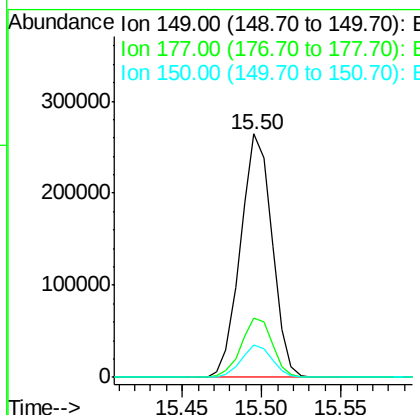
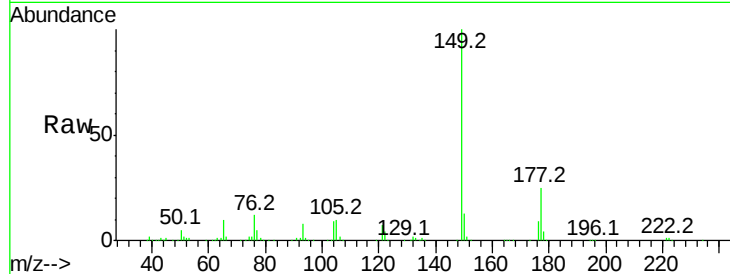
#59
Diethylphthalate
Concen: 39.615 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.5	27.7
150	13.1	10.2	15.2

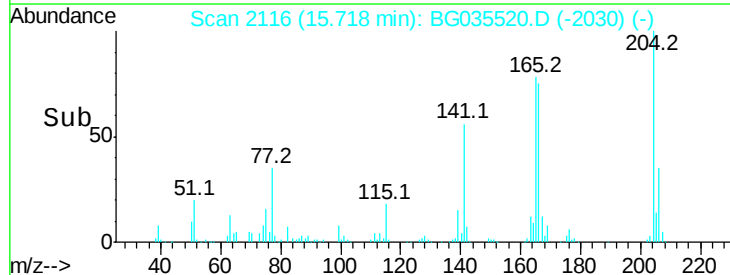
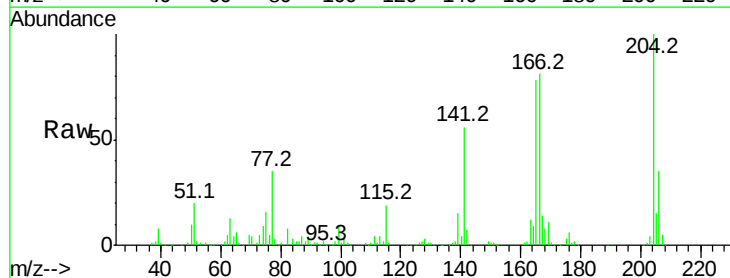
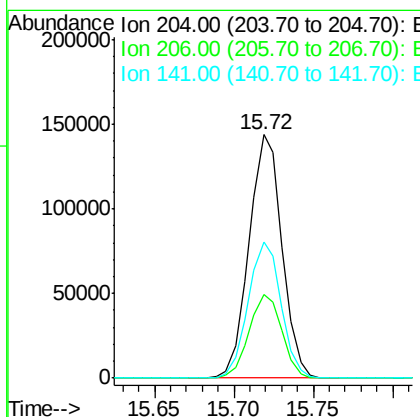
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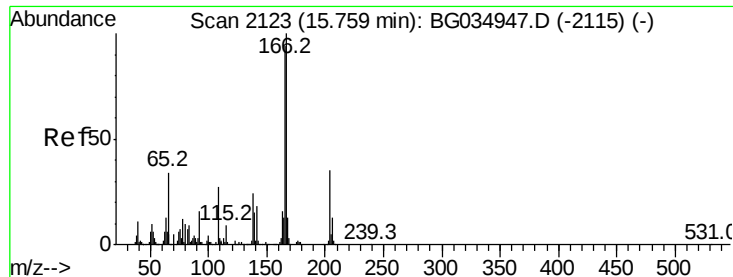
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.060 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	56.0	45.8	68.6





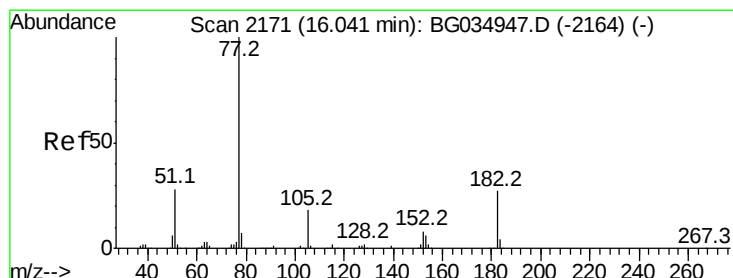
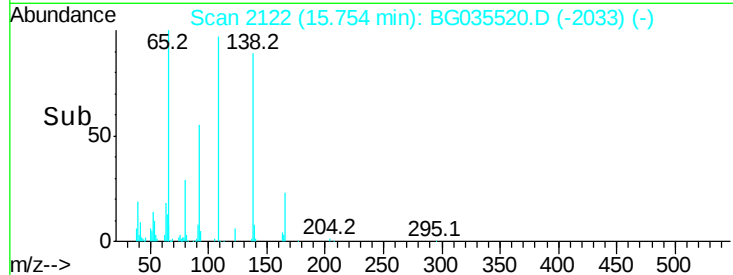
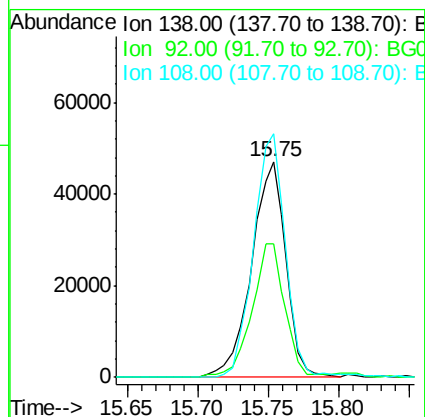
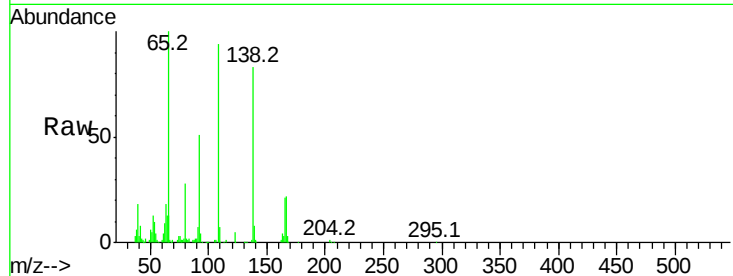
#61
4-Nitroaniline
Concen: 46.362 ng
RT: 15.75 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion:138 Resp: 80426
Ion Ratio Lower Upper
138 100
92 62.0 40.1 80.1
108 112.9 65.4 105.4#

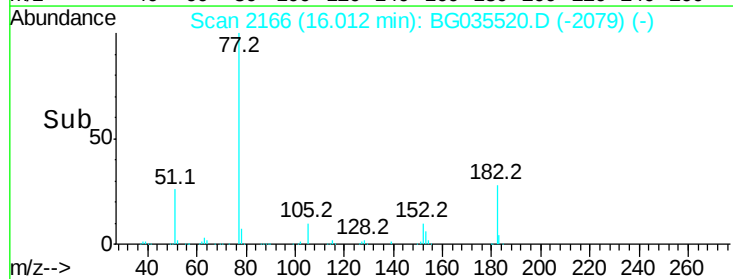
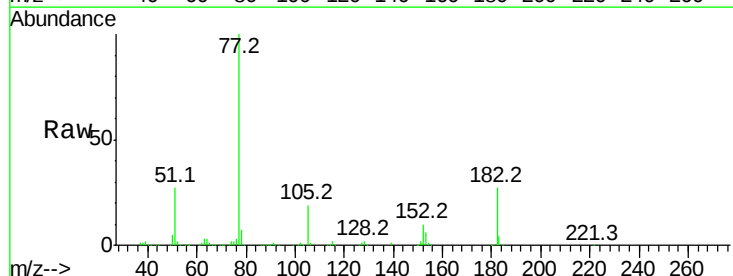
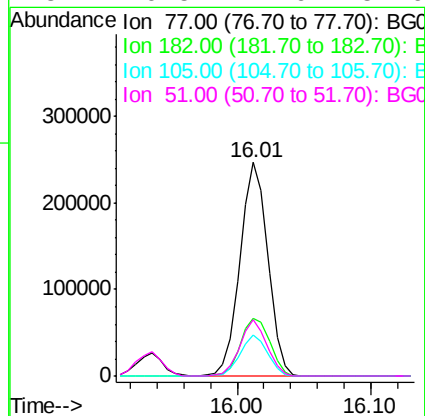
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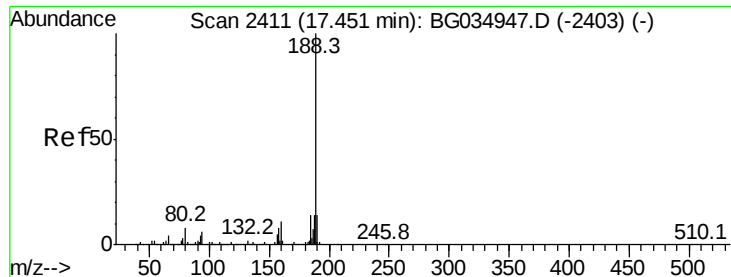
Sohil
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#62
Azobenzene
Concen: 39.359 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion: 77 Resp: 355560
Ion Ratio Lower Upper
77 100
182 27.2 7.4 47.4
105 19.0 0.3 40.3
51 26.5 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

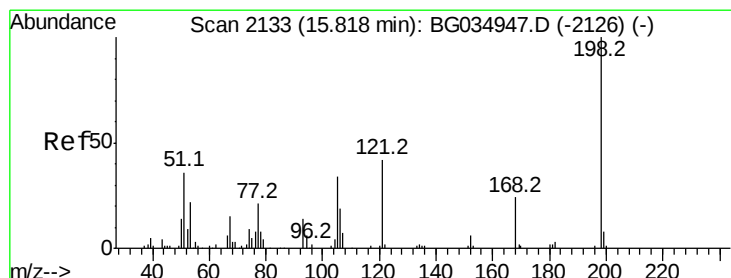
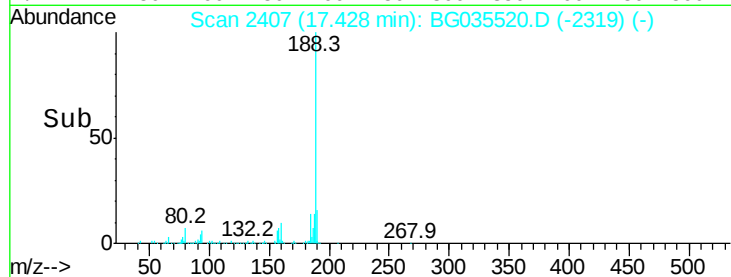
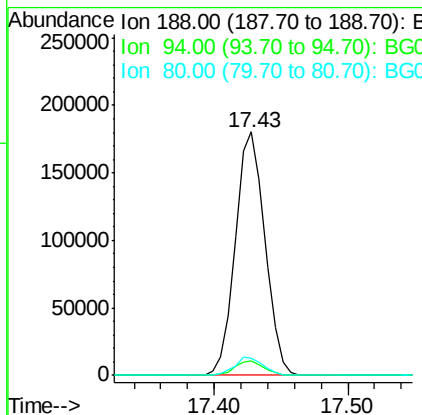
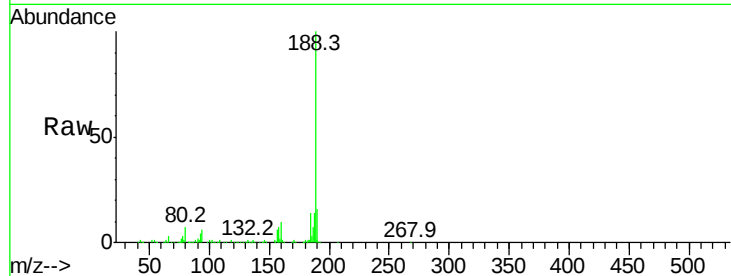
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	188	Resp:	276117
Ion Ratio	Lower	Upper	
188	100		
94	5.9	6.9	10.3#
80	7.1	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.684 ng

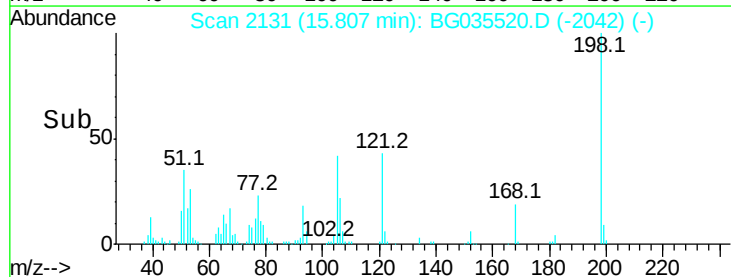
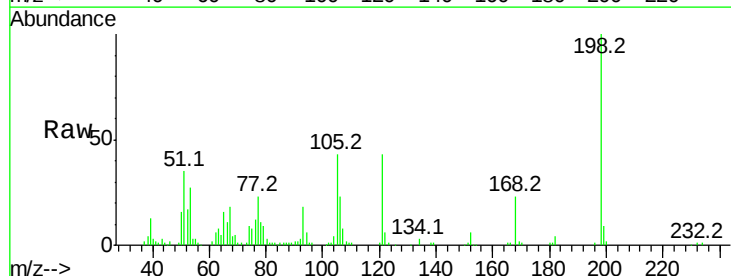
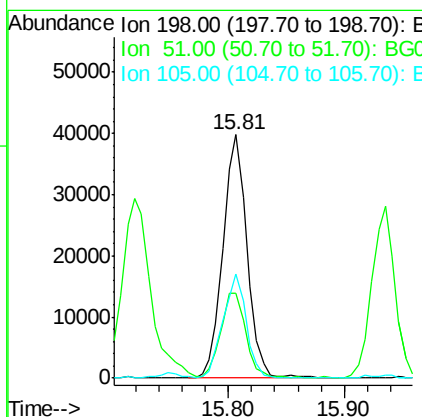
RT: 15.81 min Scan# 2131

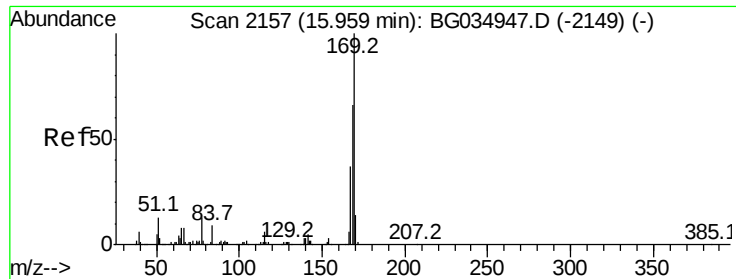
Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	198	Resp:	57593
Ion Ratio	Lower	Upper	
198	100		
51	34.6	30.6	70.6
105	42.6	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 38.686 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

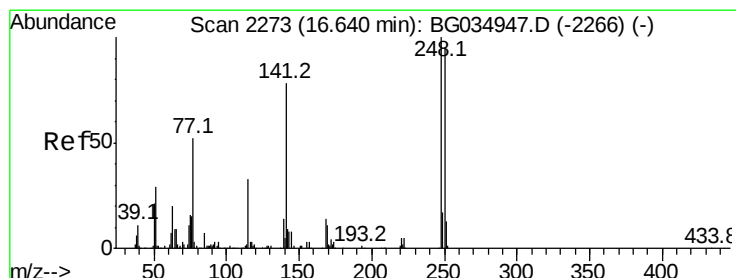
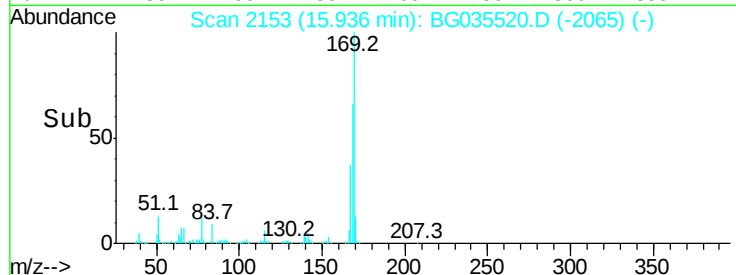
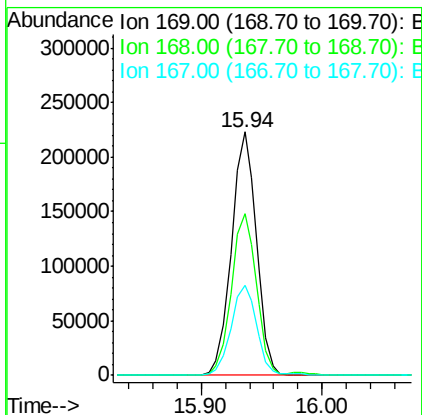
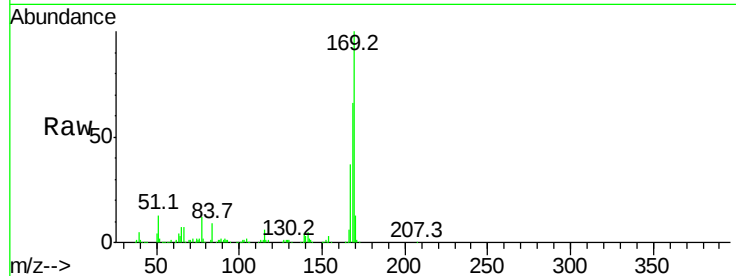
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	169	Resp:	320791
Ion Ratio	Lower	Upper	
169	100		
168	66.2	55.7	83.5
167	37.1	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 41.597 ng

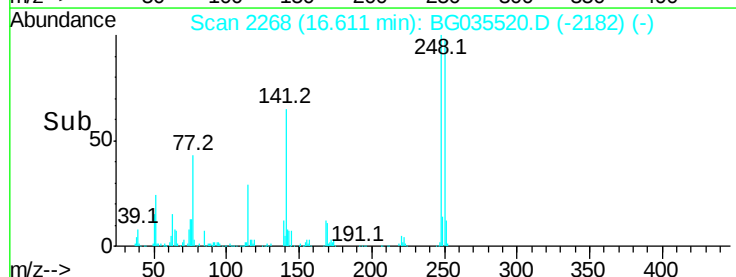
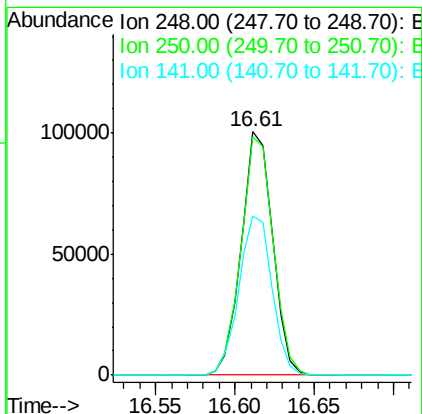
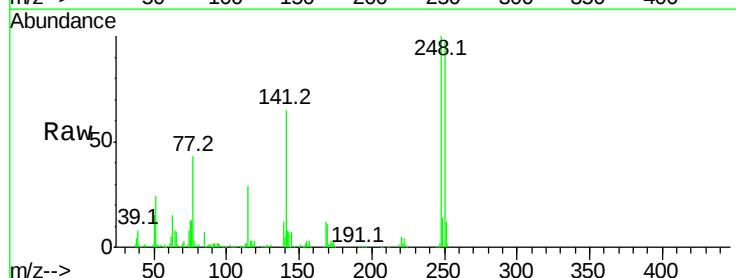
RT: 16.61 min Scan# 2268

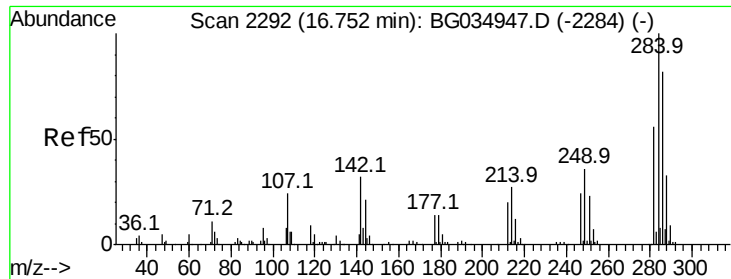
Delta R.T. -0.02 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	248	Resp:	138316
Ion Ratio	Lower	Upper	
248	100		
250	98.1	77.1	115.7
141	65.4	50.8	76.2





#67

Hexachlorobenzene

Concen: 42.680 ng

RT: 16.73 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

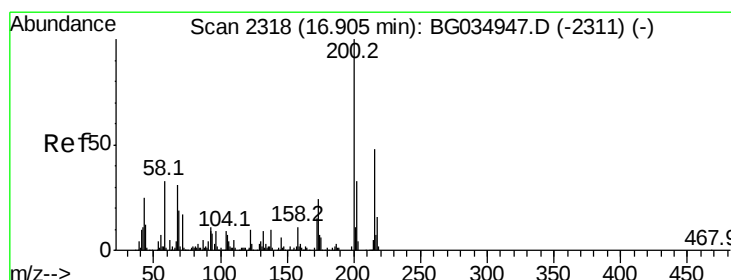
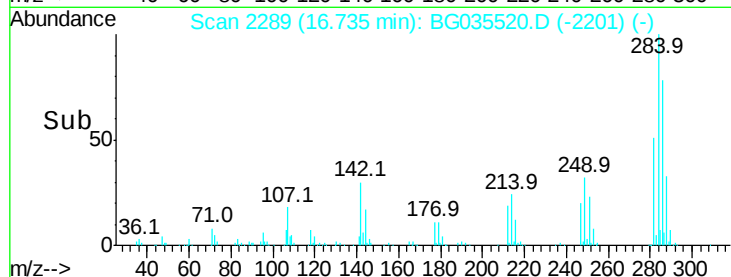
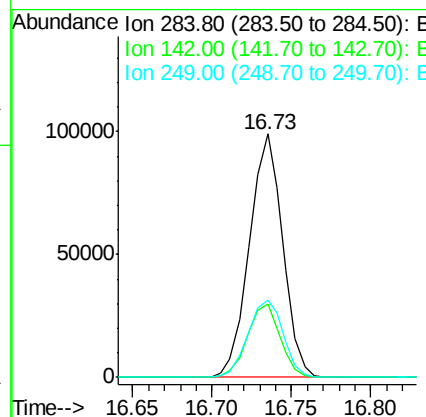
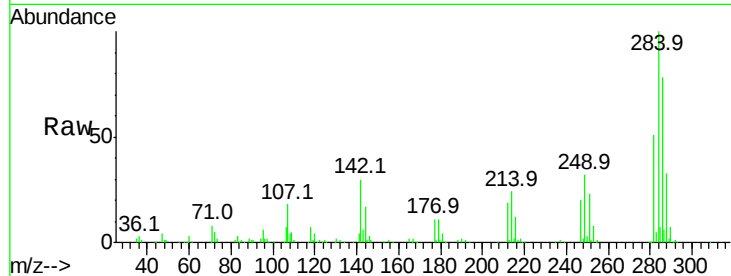
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	284	Resp:	144447
Ion Ratio		Lower	Upper
284	100		
142	29.9	26.8	40.2
249	31.9	26.3	39.5

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#68

Atrazine

Concen: 41.431 ng

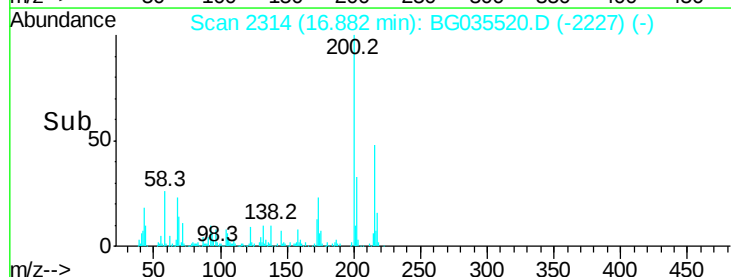
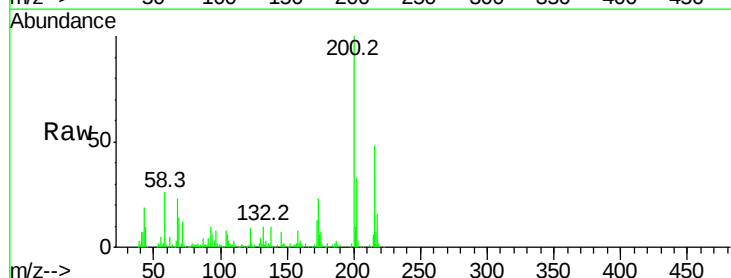
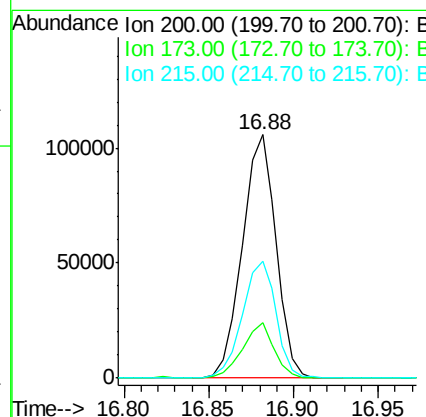
RT: 16.88 min Scan# 2314

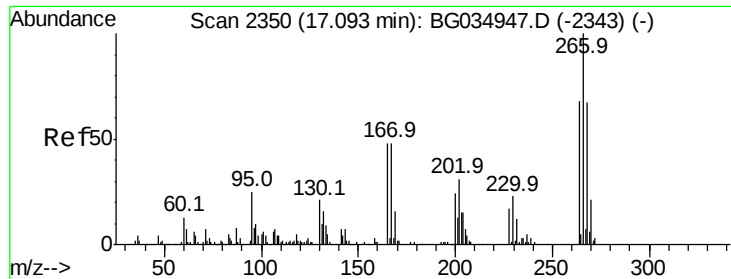
Delta R.T. -0.02 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	200	Resp:	146505
Ion Ratio		Lower	Upper
200	100		
173	23.0	5.2	45.2
215	47.9	30.4	70.4





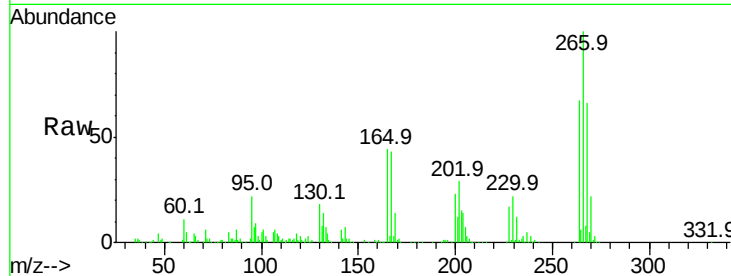
#69
 Pentachlorophenol
 Concen: 69.494 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

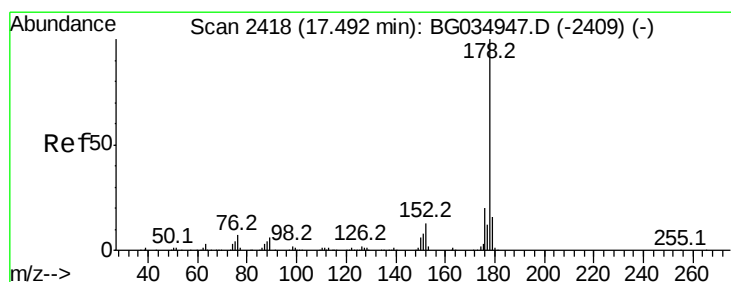
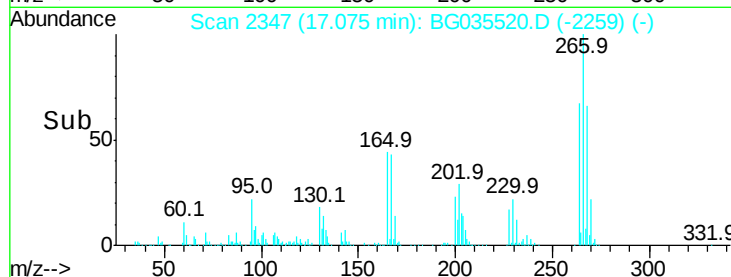
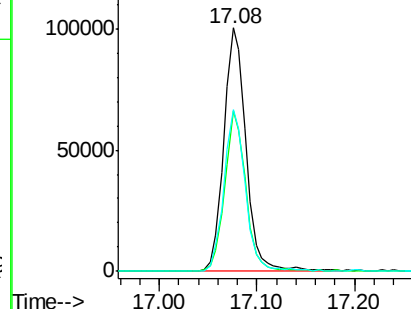
Tot Ion	Ratio	Resp	Lower	Upper
266	100	158154		
268	66.0		51.1	76.7
264	66.6		49.6	74.4

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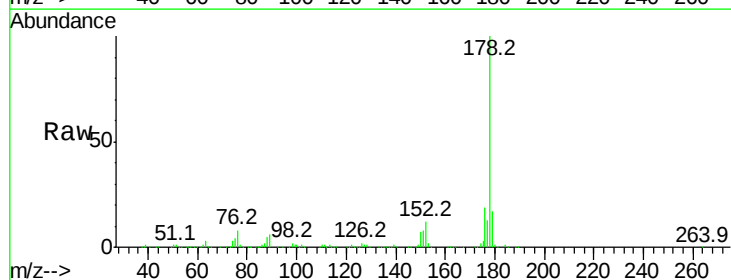


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

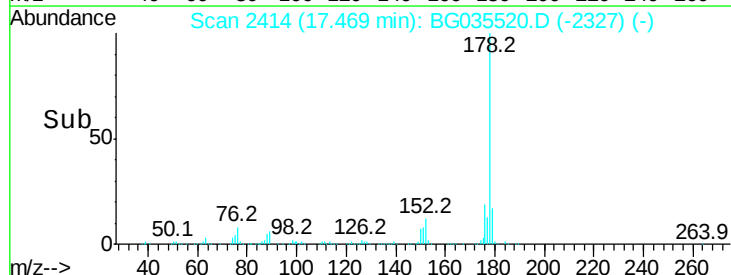
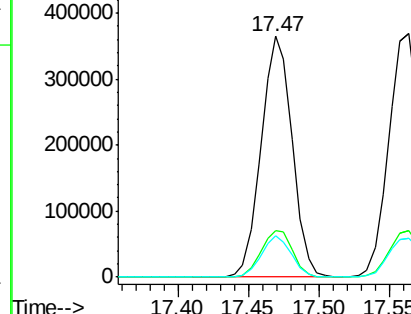


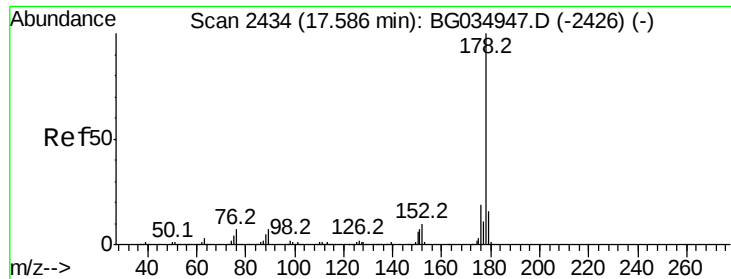
#70
 Phenanthrene
 Concen: 40.146 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	563098		
176	19.3		15.7	23.5
179	17.3		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: 40.896 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

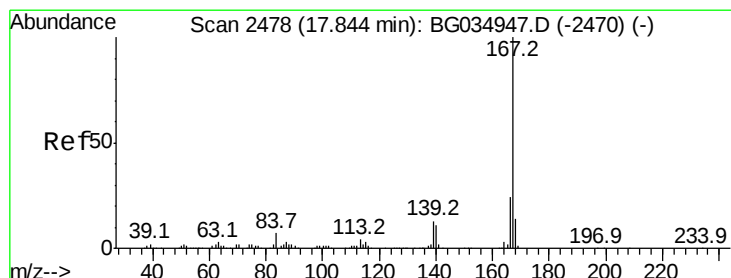
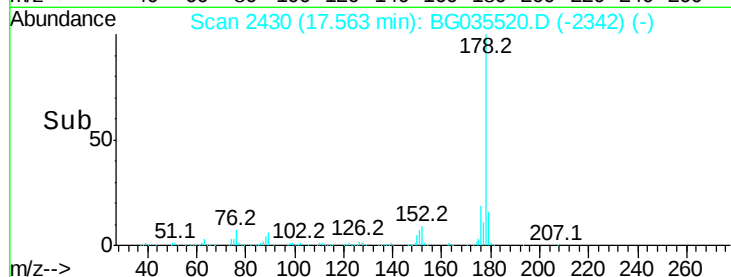
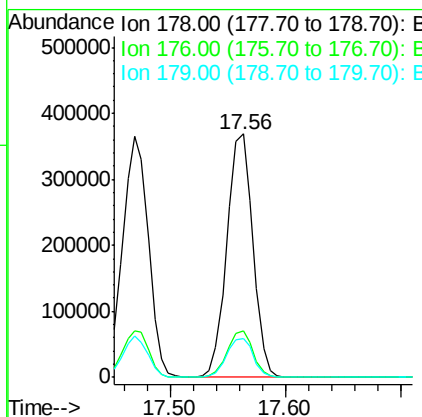
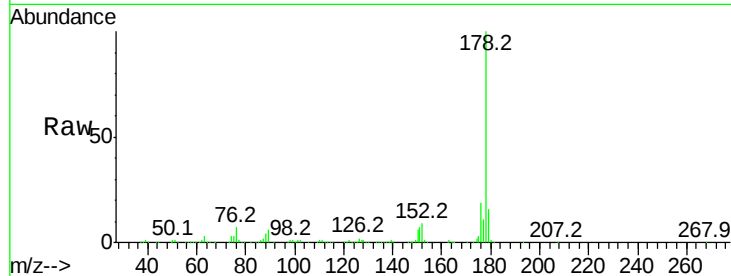
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	178	Resp:	574580
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.0	24.0
179	16.2	12.5	18.7

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#72

Carbazole

Concen: 39.992 ng

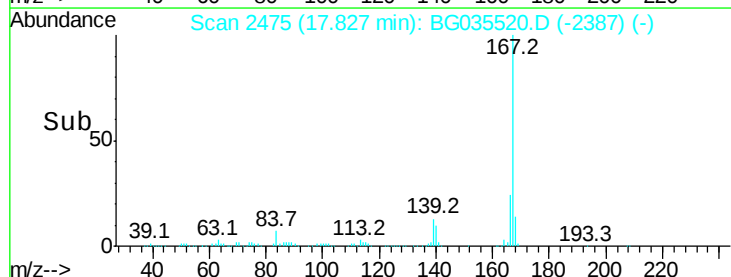
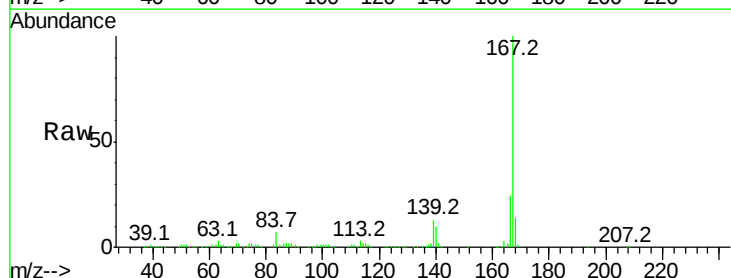
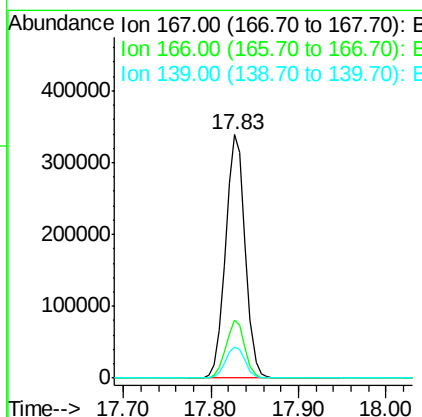
RT: 17.83 min Scan# 2475

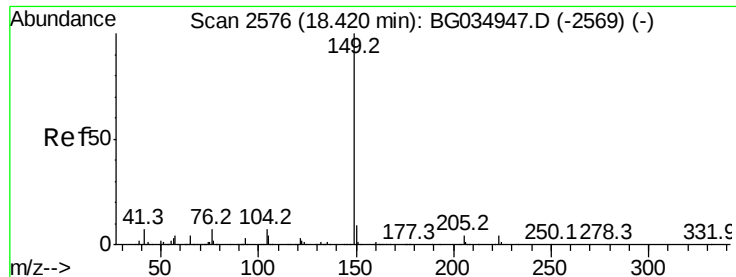
Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	167	Resp:	521334
Ion Ratio	Lower	Upper	
167	100		
166	23.8	18.2	27.4
139	13.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 36.926 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

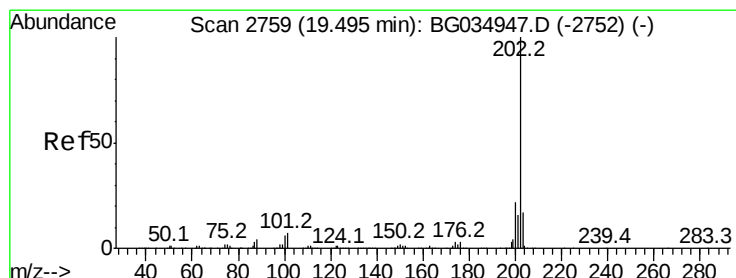
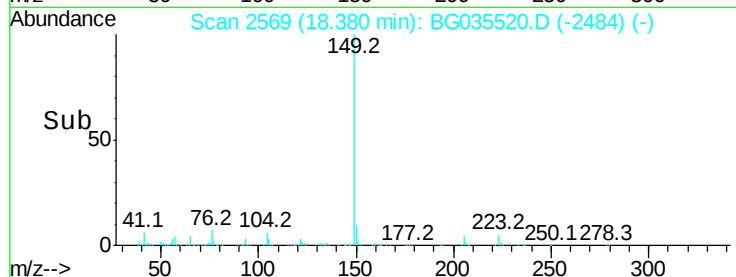
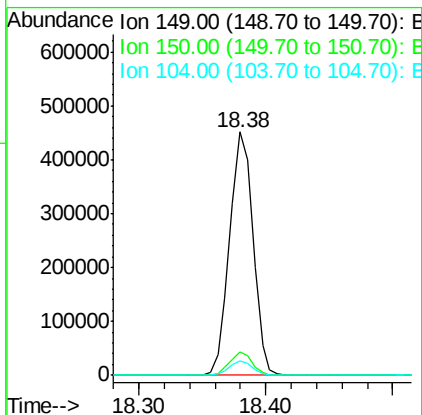
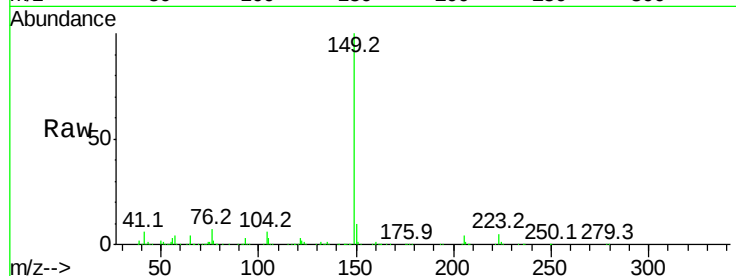
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	149	Resp:	573745
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.0	3.9	5.9#

Manual Integrations
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#74

Fluoranthene

Concen: 39.489 ng

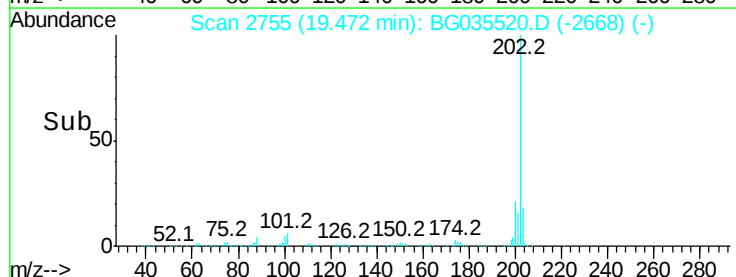
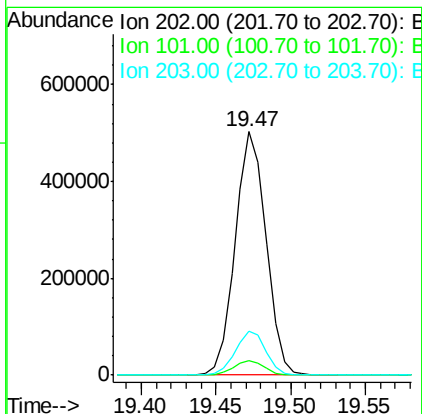
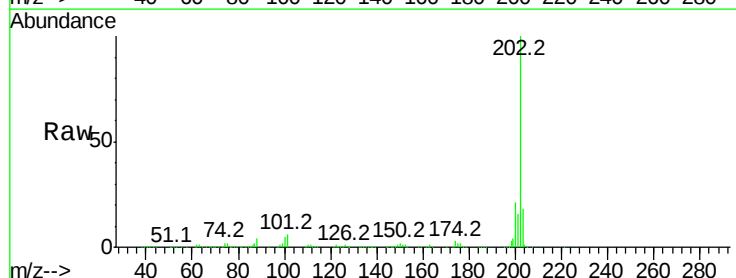
RT: 19.47 min Scan# 2755

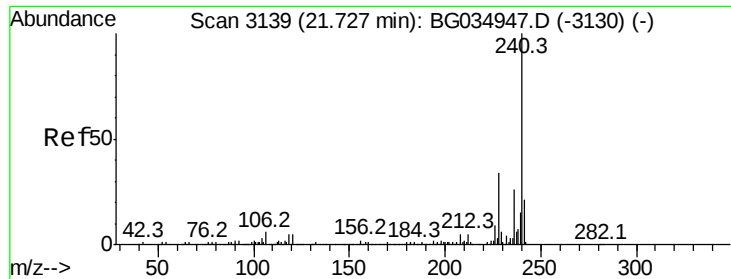
Delta R.T. -0.02 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	202	Resp:	720743
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	28.9
203	18.1	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

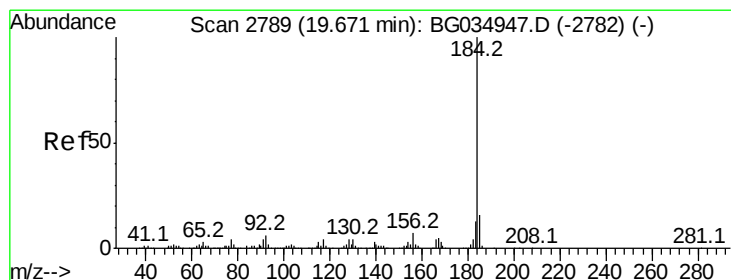
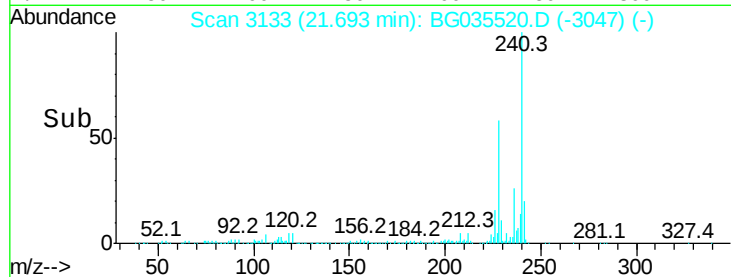
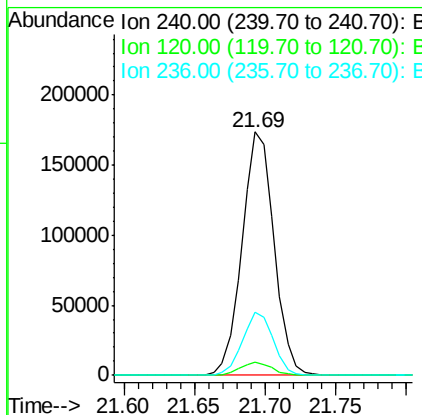
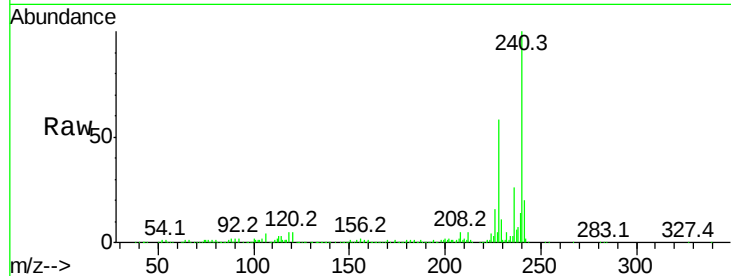
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	240	Resp:	275462
Ion Ratio	Lower	Upper	
240	100		
120	5.4	6.8	10.2#
236	25.7	20.9	31.3

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#76

Benzidine

Concen: 38.019 ng

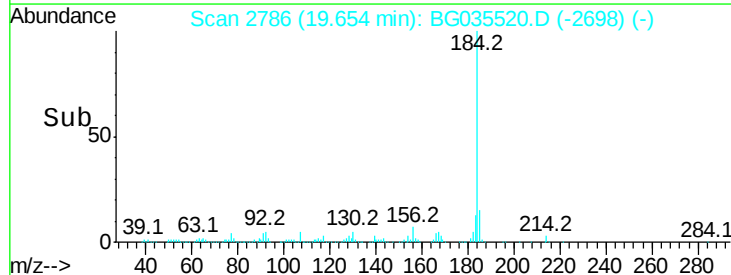
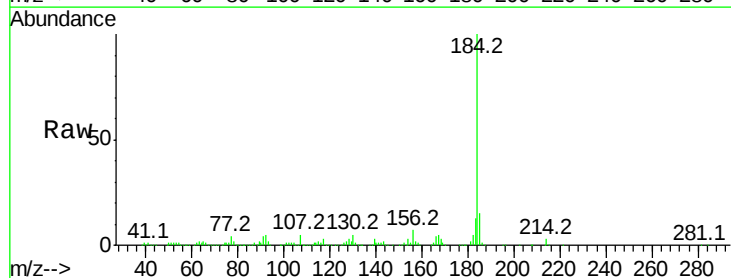
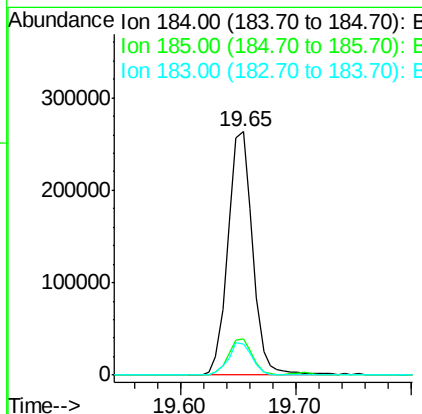
RT: 19.65 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	184	Resp:	389629
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.1	16.7
183	12.8	10.6	16.0





#77

Pvrene

Concen: 39.061 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

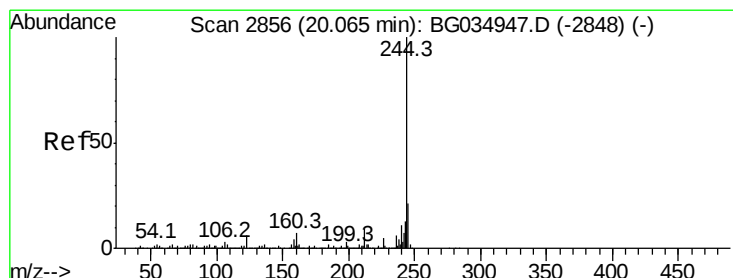
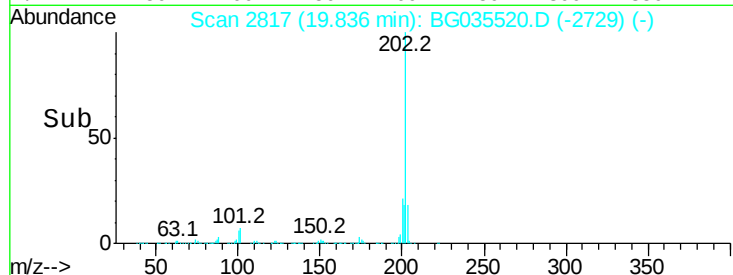
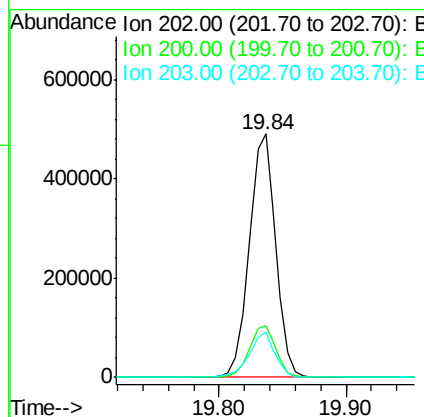
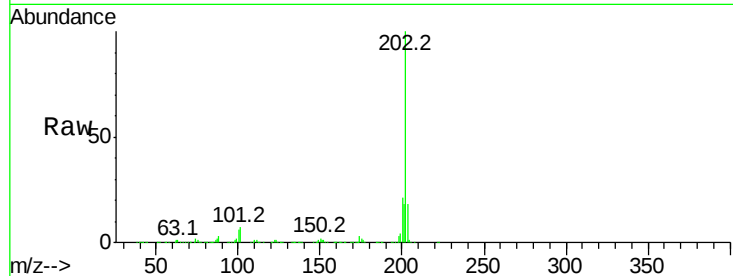
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	202	Resp:	709341
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.9	25.3
203	18.4	13.9	20.9

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#78

Terphenyl-d14

Concen: 79.675 ng

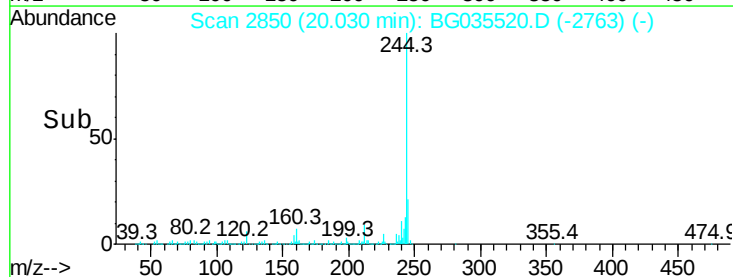
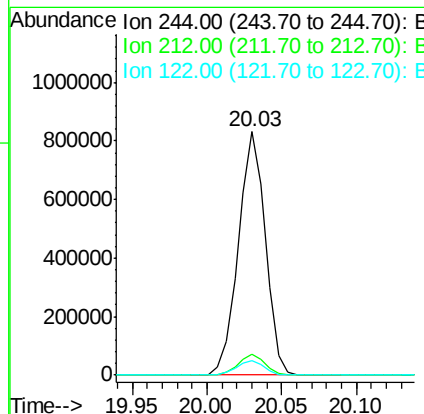
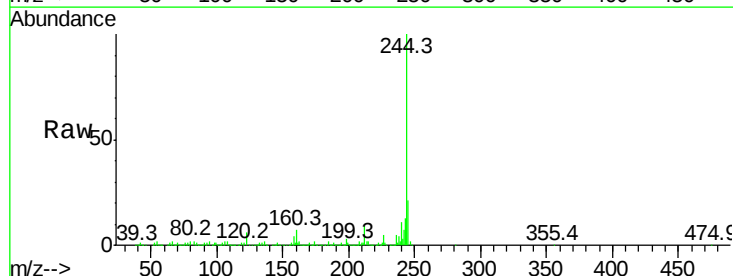
RT: 20.03 min Scan# 2850

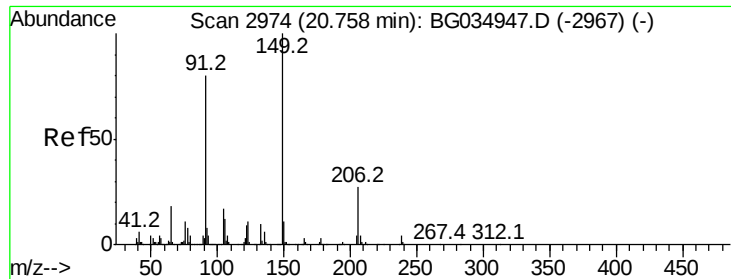
Delta R.T. -0.02 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	244	Resp:	1047768
Ion Ratio	Lower	Upper	
244	100		
212	8.7	5.8	8.8
122	6.1	7.0	10.4#





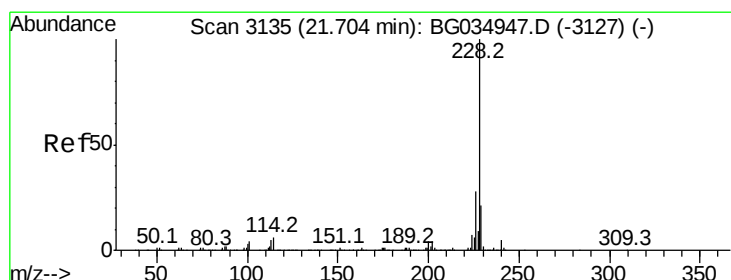
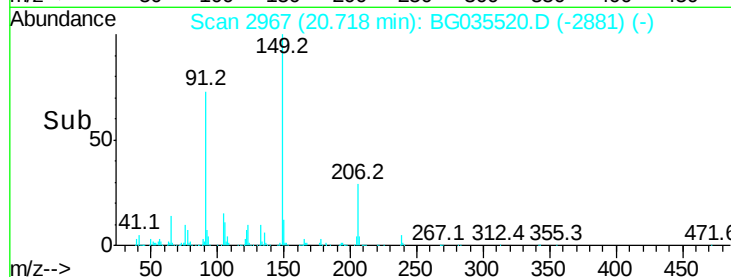
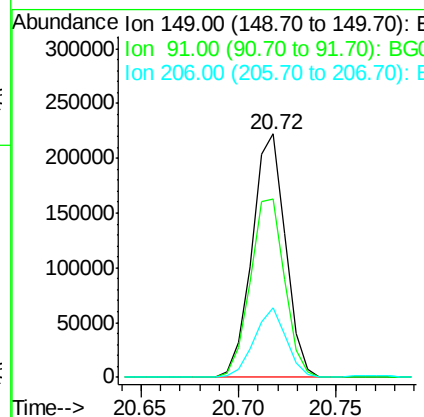
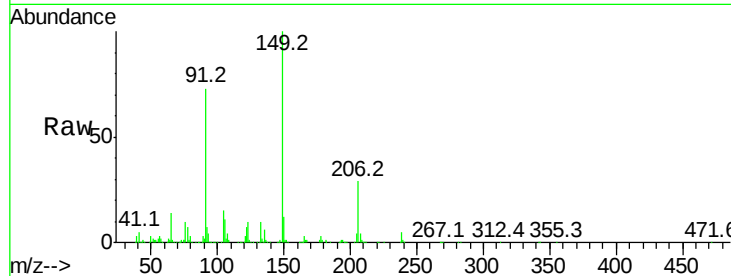
#79
Butylbenzylphthalate
Concen: 39.832 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.02 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.1	62.2	93.2
206	28.6	18.6	27.8

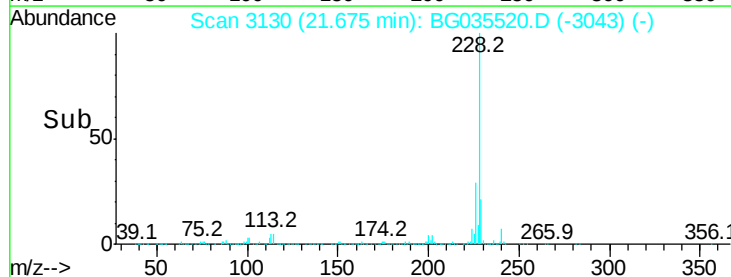
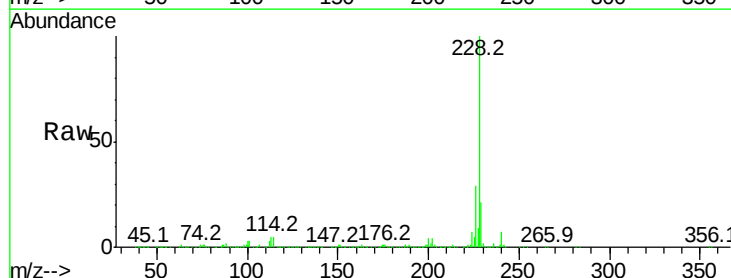
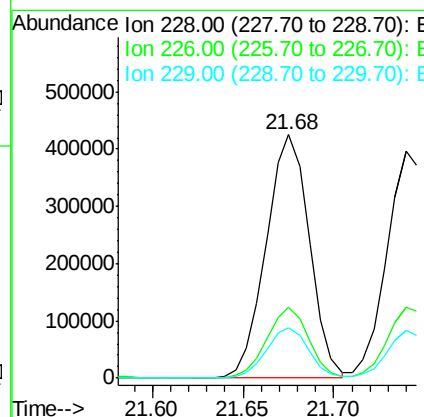
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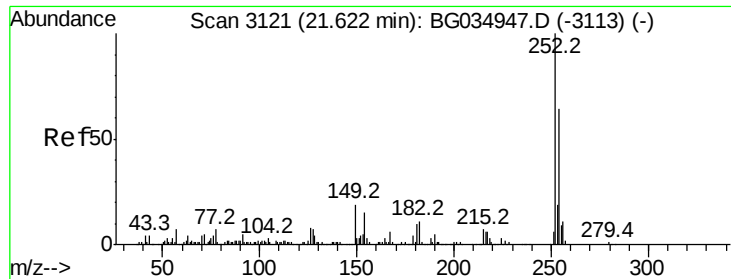
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#80
Benzo(a)anthracene
Concen: 40.234 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.0	22.7	34.1
229	20.8	16.2	24.2





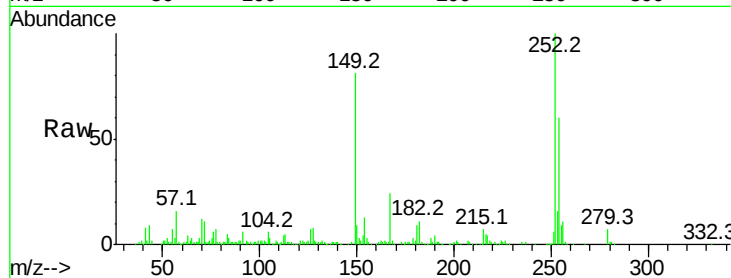
#81
 3,3'-Dichlorobenzidine
 Concen: 24.616 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

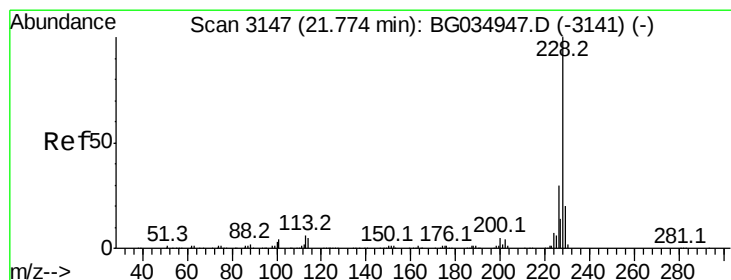
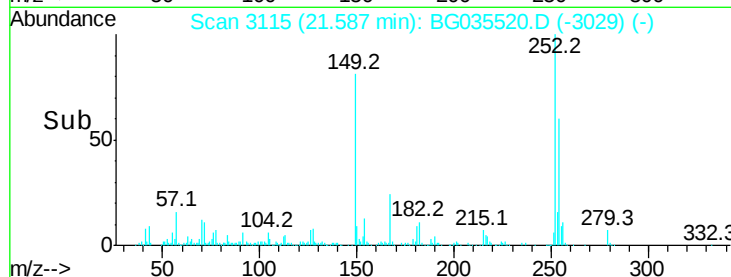
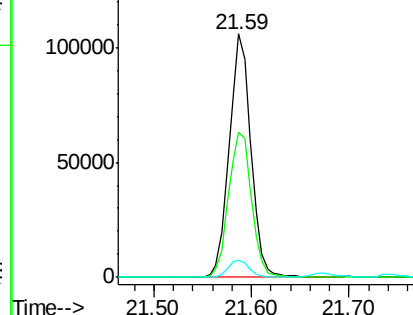
Tot Ion	Ratio	Lower	Upper
252	100		
254	59.8	50.8	76.2
126	7.0	7.4	11.2#

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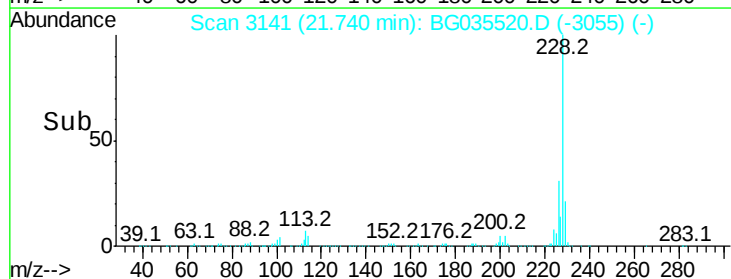
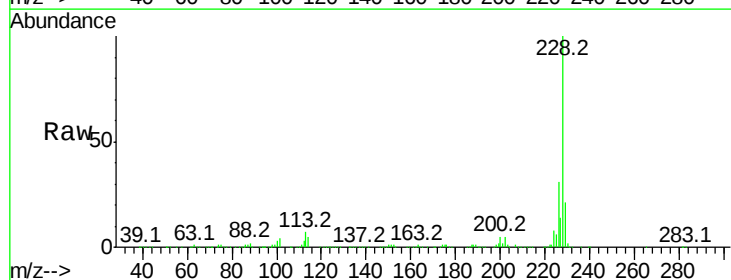
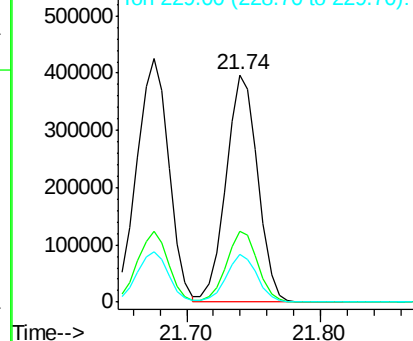
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

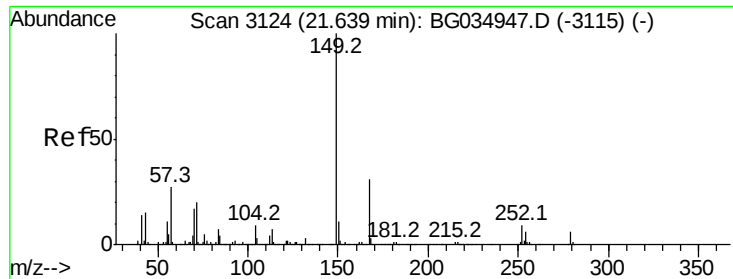


#82
 Chrysene
 Concen: 41.010 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	21.3	15.0	22.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





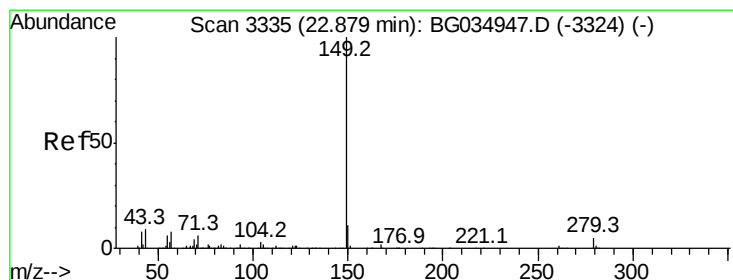
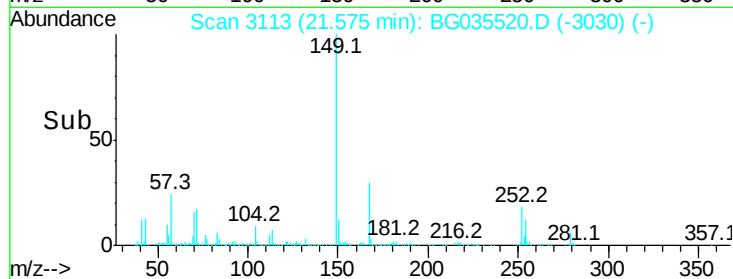
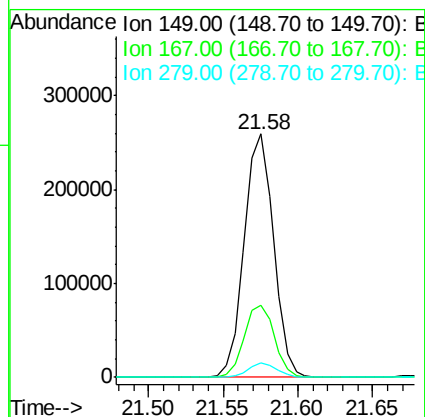
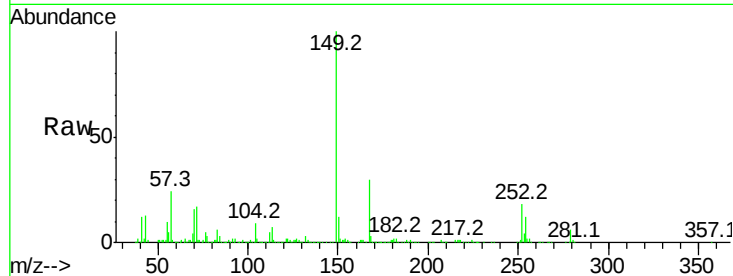
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.793 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.04 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	29.5	24.3	36.5
279	6.0	4.0	6.0#

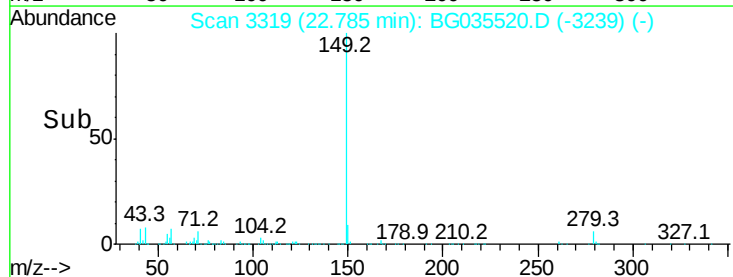
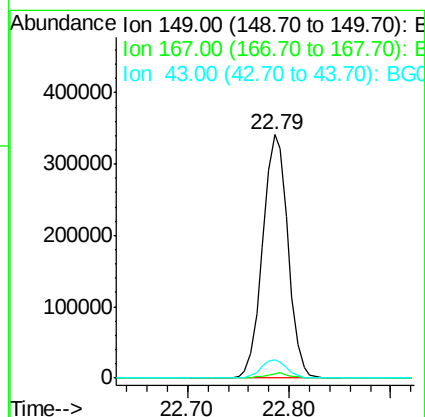
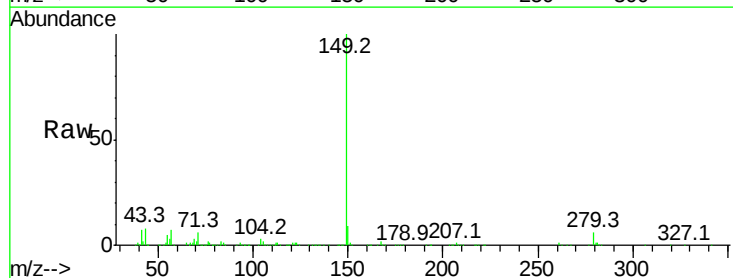
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#84
 Di-n-octyl phthalate
 Concen: 37.197 ng
 RT: 22.79 min Scan# 3319
 Delta R.T. -0.06 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.9	1.4	2.0
43	7.6	8.9	13.3#





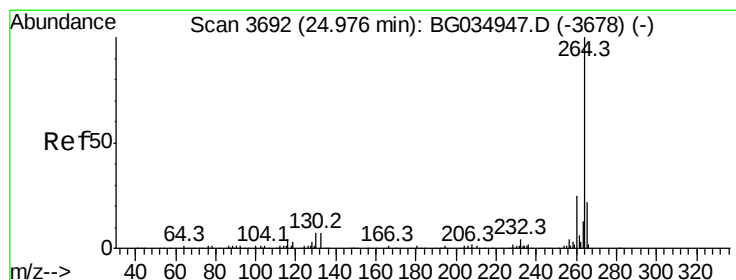
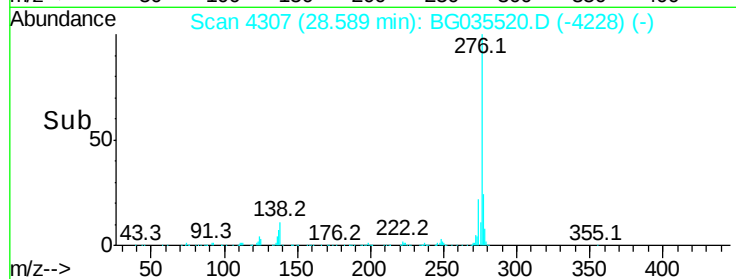
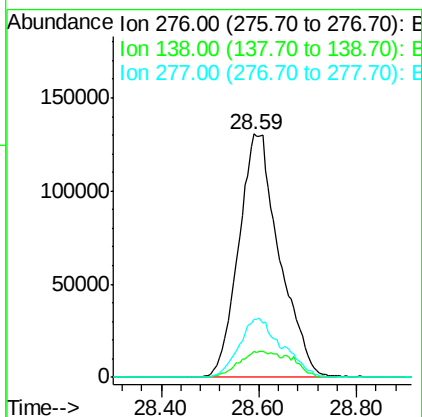
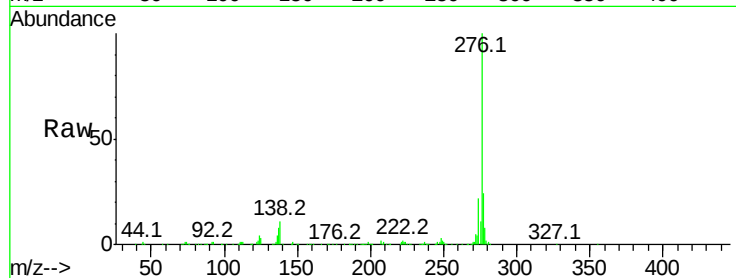
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.122 ng
 RT: 28.59 min Scan# 4307
 Delta R.T. -0.06 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.4	16.0	24.0#
277	25.7	20.0	30.0

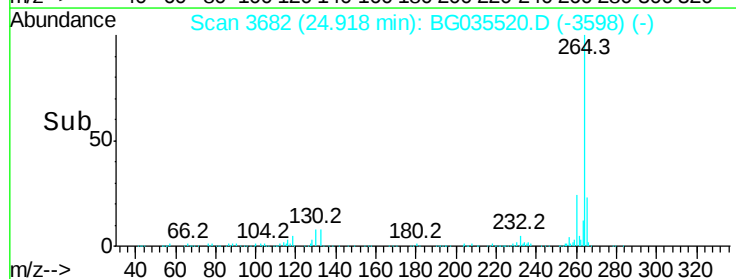
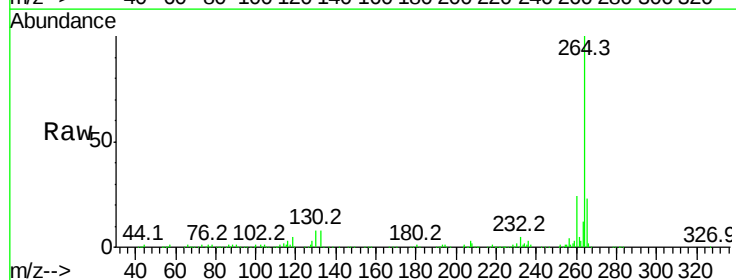
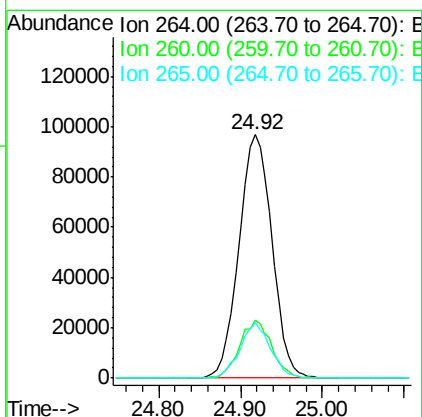
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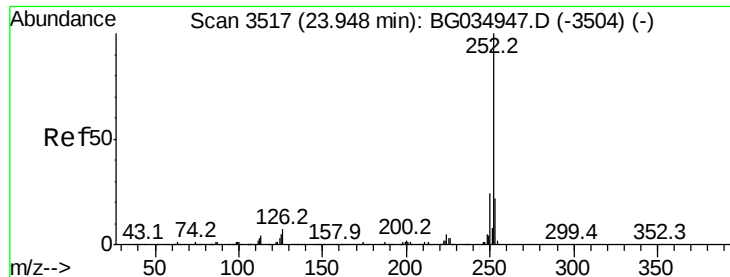
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 41.342 ng

RT: 23.90 min Scan# 3508

Delta R.T. -0.03 min

Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Instrument :

BNA_G

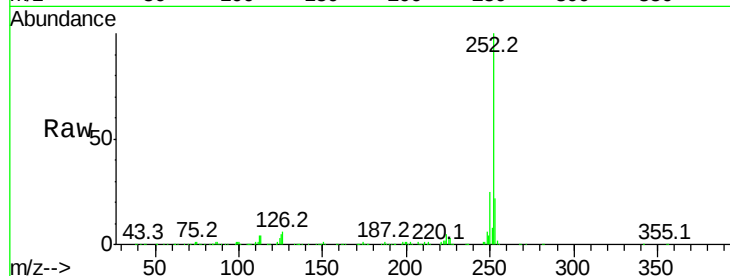
ClientSampleId :

EPE-106-8(18-20)MSD

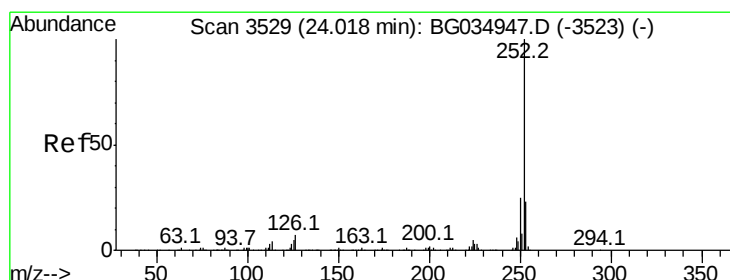
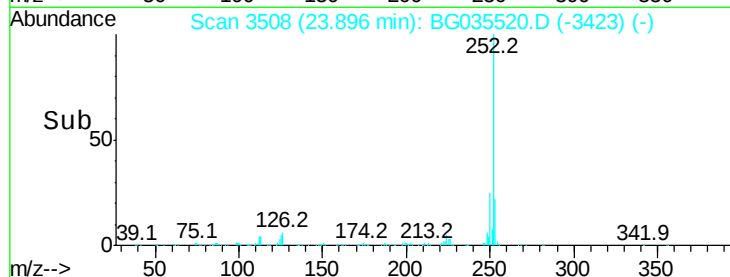
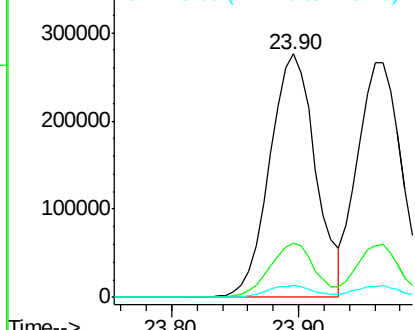
Tot Ion:	252	Resp:	692506
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.4
125	4.8	7.2	10.8

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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: 39.092 ng

RT: 23.97 min Scan# 3520

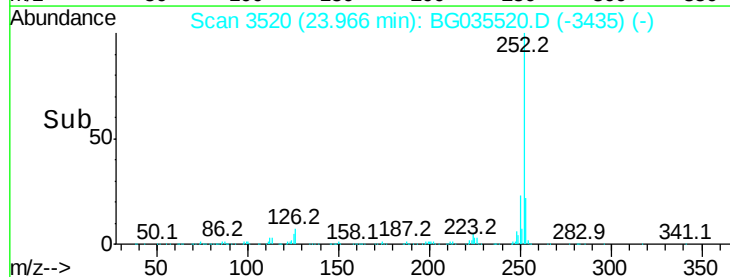
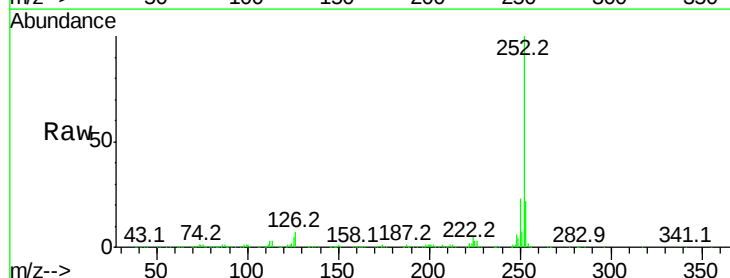
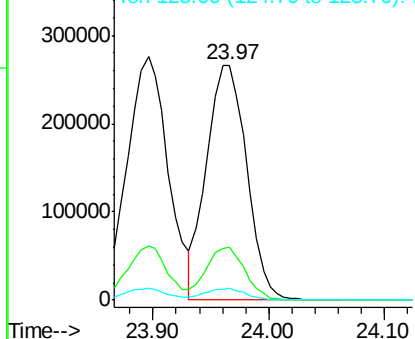
Delta R.T. -0.03 min

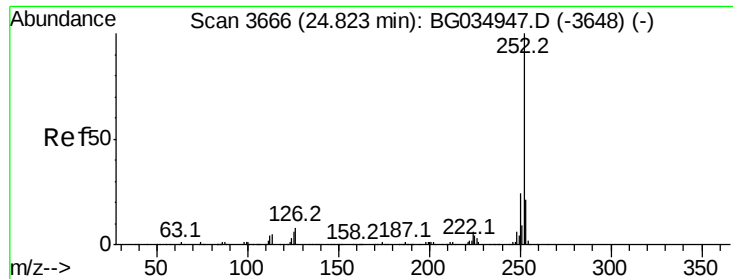
Lab File: BG035520.D

Acq: 30 Jun 2018 00:38

Tgt Ion:	252	Resp:	640560
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	4.8	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





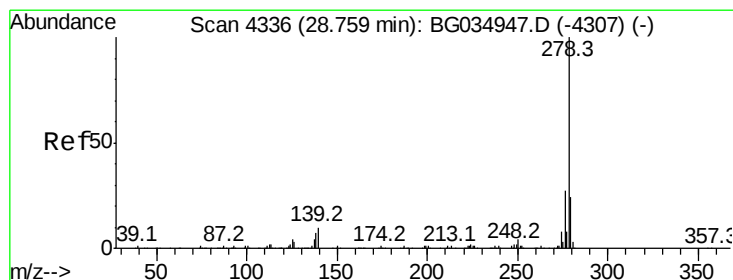
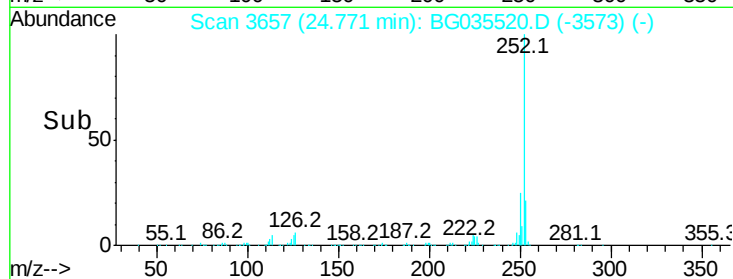
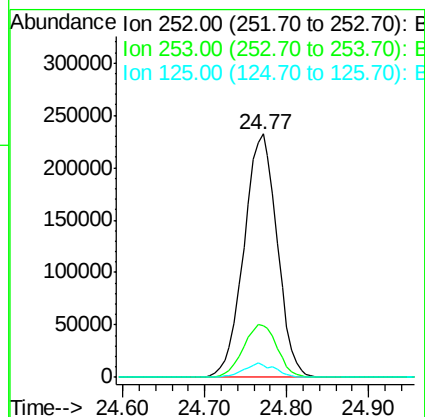
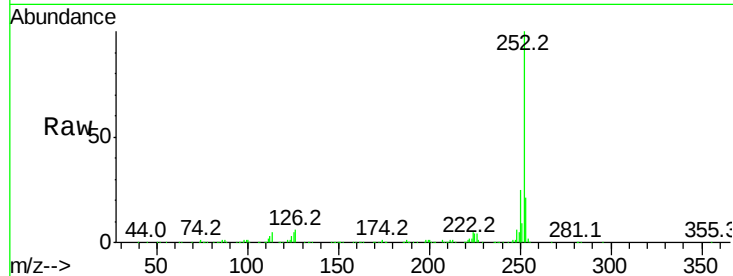
#89
Benzo(a)pyrene
Concen: 41.491 ng
RT: 24.77 min Scan# 3657
Delta R.T. -0.04 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.3	27.5
125	5.2	7.3	10.9

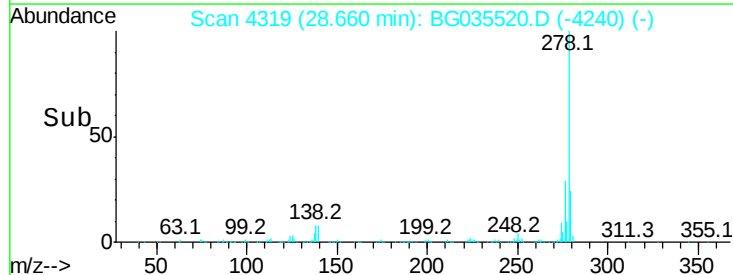
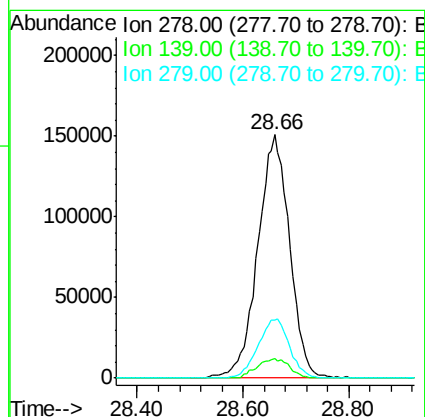
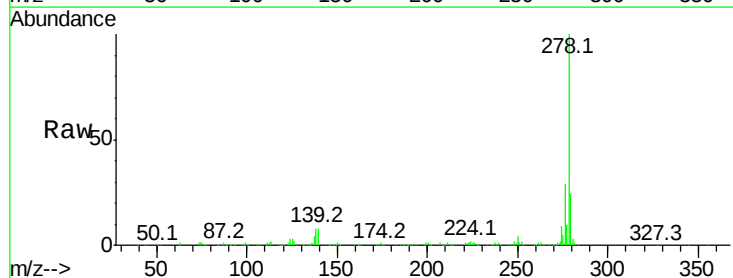
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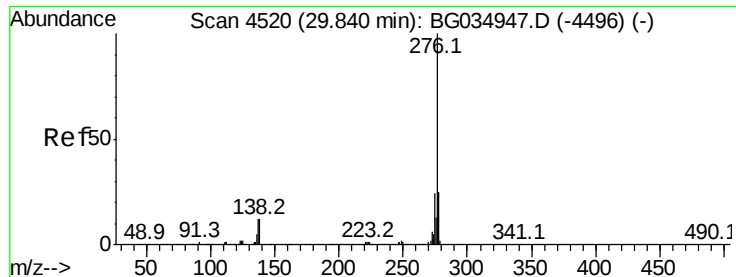
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 40.454 ng
RT: 28.66 min Scan# 4319
Delta R.T. -0.06 min
Lab File: BG035520.D
Acq: 30 Jun 2018 00:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.1	9.8	14.6
279	23.7	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.461 ng
 RT: 29.75 min Scan# 4504
 Delta R.T. -0.06 min
 Lab File: BG035520.D
 Acq: 30 Jun 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.3	27.5
138	12.1	13.9	20.9

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