

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035417.D
 Acq On : 26 Jun 2018 19:34
 Operator : JU/SJ
 Sample : J3665-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)MSD

Manual Integrations
 APPROVED

Sohil
 6/27/2018 3:32:29 PM

Quant Time: Jun 27 03:01:33 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	8.05	152	53147	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	192456	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	136065	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	351759	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	361058	20.00	ng	-0.03
86) Perylene-d12	24.90	264	358635	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	455334	144.58	ng	-0.01
7) Phenol-d6	7.22	99	667735	143.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	425704	105.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	299941	172.20	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	883740	84.43	ng	-0.03
78) Terphenyl-d14	20.02	244	1482904	86.03	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	48573	32.327	ng	# 76
3) Pyridine	3.94	79	147995	36.504	ng	# 73
4) n-Nitrosodimethylamine	3.86	42	62786	36.049	ng	# 68
6) Aniline	7.38	93	219584	36.547	ng	97
8) 2-Chlorophenol	7.62	128	144966	43.915	ng	96
9) Benzaldehyde	7.19	77	110831	30.956	ng	96
10) Phenol	7.24	94	228055	47.410	ng	93
11) bis(2-Chloroethyl)ether	7.47	93	149359	40.005	ng	88
12) 1,3-Dichlorobenzene	7.94	146	166941	42.385	ng	96
13) 1,4-Dichlorobenzene	8.09	146	167550	41.209	ng	95
14) 1,2-Dichlorobenzene	8.40	146	162639	42.586	ng	94
15) Benzyl Alcohol	8.29	79	175283	39.798	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.57	45	162722	43.790	ng	76
17) 2-Methylphenol	8.49	107	147996	46.666	ng	95
18) Hexachloroethane	9.14	117	58645	40.289	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	139617	35.356	ng	# 82
20) 3+4-Methylphenols	8.82	107	203926	44.861	ng	94
22) Acetophenone	8.87	105	258330	43.332	ng	# 90
24) Nitrobenzene	9.26	77	202964	48.954	ng	95
25) Isophorone	9.77	82	389322	45.544	ng	99
26) 2-Nitrophenol	9.97	139	84882	59.396	ng	# 90
27) 2,4-Dimethylphenol	10.02	122	150487	50.098	ng	87
28) bis(2-Chloroethoxy)methane	10.25	93	207251	45.117	ng	99
29) 2,4-Dichlorophenol	10.50	162	172363	52.735	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	186726	47.644	ng	99
31) Naphthalene	10.91	128	457080	45.718	ng	98
32) Benzoic acid	10.15	122	69220	34.403	ng	96
33) 4-Chloroaniline	11.01	127	120978	27.868	ng	97
34) Hexachlorobutadiene	11.19	225	143109	46.951	ng	97
35) Caprolactam	11.79	113	56146m	46.481	ng	
36) 4-Chloro-3-methylphenol	12.13	107	202972	49.817	ng	100
37) 2-Methylnaphthalene	12.50	142	358714	47.324	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	245992	48.537	ng	99
40) Hexachlorocyclopentadiene	12.85	237	331895	104.429	ng	92

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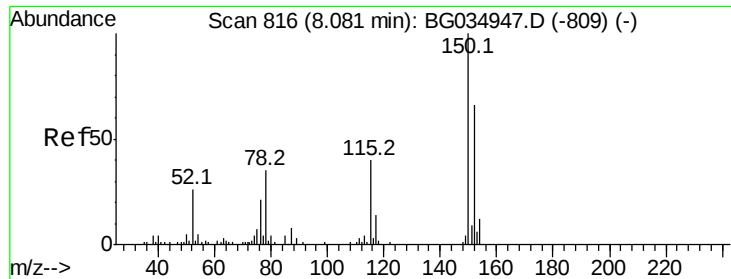
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	162323	53.489	nq	98
43) 2,4,5-Trichlorophenol	13.18	196	174511	52.393	nq	97
45) 1,1'-Biphenyl	13.51	154	485638	44.387	nq	98
46) 2-Chloronaphthalene	13.56	162	381747	46.149	nq	98
47) 2-Nitroaniline	13.76	65	129832	53.152	nq	94
48) Acenaphthylene	14.40	152	626003	45.132	nq	98
49) Dimethylphthalate	14.13	163	691775	58.302	nq	98
50) 2,6-Dinitrotoluene	14.24	165	118470	54.730	nq	93
51) Acenaphthene	14.74	154	378790	41.797	nq	98
52) 3-Nitroaniline	14.57	138	86388	40.671	nq	# 91
53) 2,4-Dinitrophenol	14.78	184	132261	150.976	nq	# 67
54) Dibenzofuran	15.07	168	604368	44.527	nq	95
55) 4-Nitrophenol	14.88	139	179376	100.063	nq	# 89
56) 2,4-Dinitrotoluene	15.03	165	168930	58.749	nq	88
57) Fluorene	15.72	166	497588	43.866	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	181980	56.240	nq	91
59) Diethylphthalate	15.49	149	507369	41.912	nq	97
60) 4-Chlorophenyl-phenylether	15.71	204	293177	45.325	nq	97
61) 4-Nitroaniline	15.74	138	119655	52.528	nq	88
62) Azobenzene	16.01	77	497838	41.967	nq	94
64) 4,6-Dinitro-2-methylphenol	15.79	198	101633	63.282	nq	82
65) n-Nitrosodiphenylamine	15.92	169	451759	42.765	nq	96
66) 4-Bromophenyl-phenylether	16.60	248	198170	46.782	nq	97
67) Hexachlorobenzene	16.72	284	203114	47.109	nq	95
68) Atrazine	16.87	200	208692	46.326	nq	94
69) Pentachlorophenol	17.07	266	254447	87.764	nq	99
70) Phenanthrene	17.46	178	792655	44.360	nq	98
71) Anthracene	17.55	178	802711	44.847	nq	97
72) Carbazole	17.81	167	740671	44.600	nq	99
73) Di-n-butylphthalate	18.37	149	807842	40.812	nq	# 98
74) Fluoranthene	19.47	202	1009103	43.399	nq	95
76) Benzidine	19.64	184	655942	48.832	nq	97
77) Pyrene	19.82	202	992925	41.715	nq	98
79) Butylbenzylphthalate	20.70	149	370932	42.916	nq	# 96
80) Benzo(a)anthracene	21.66	228	1024574	44.406	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	267539	30.821	nq	# 95
82) Chrysene	21.73	228	961137	45.498	nq	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	516231	42.270	nq	# 99
84) Di-n-octyl phthalate	22.78	149	891145	42.532	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1137262	45.966	nq	# 86
87) Benzo(b)fluoranthene	23.88	252	1008732	45.674	nq	# 97
88) Benzo(k)fluoranthene	23.95	252	963191	44.583	nq	# 96
89) Benzo(a)pyrene	24.75	252	963714	46.373	nq	# 97
90) Dibenzo(a,h)anthracene	28.62	278	921733	44.929	nq	# 96
91) Benzo(g,h,i)perylene	29.72	276	952191	47.427	nq	# 93

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



#1

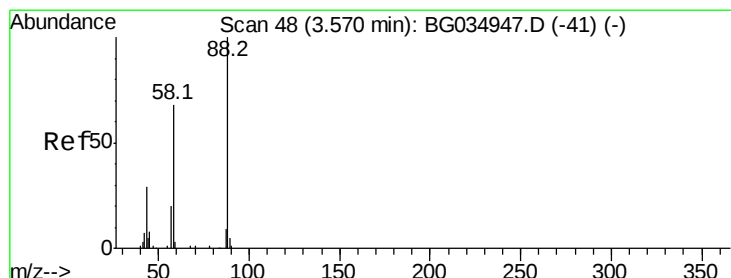
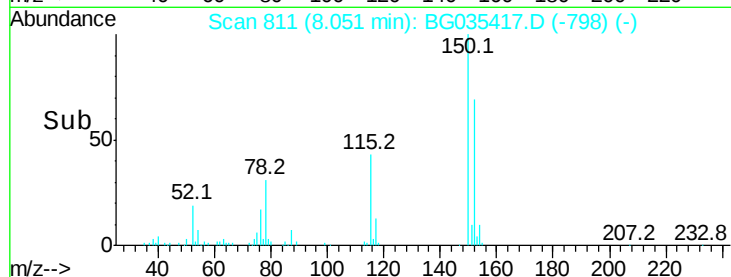
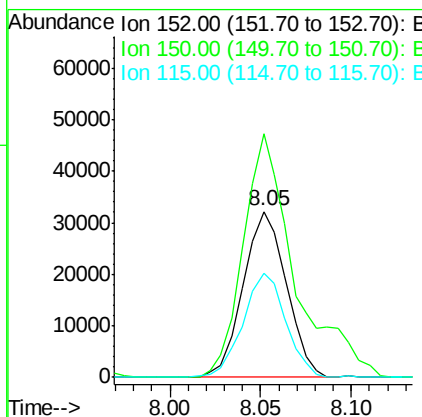
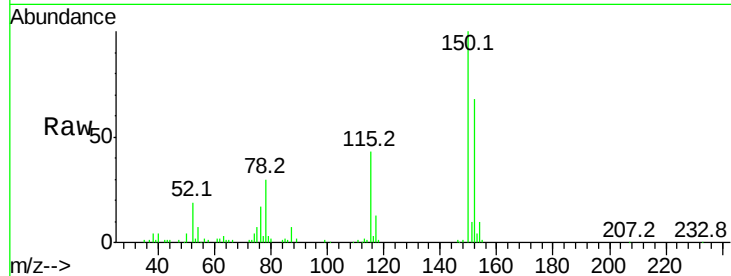
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	126.6	189.8
115	62.8	53.0	79.4

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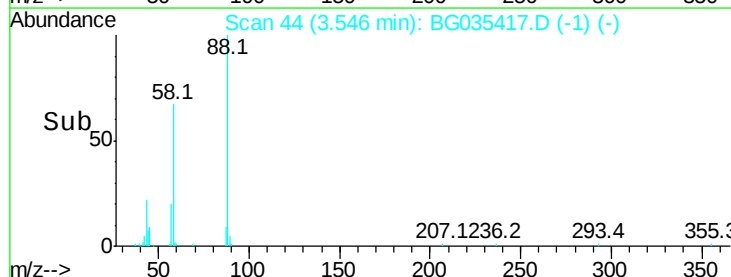
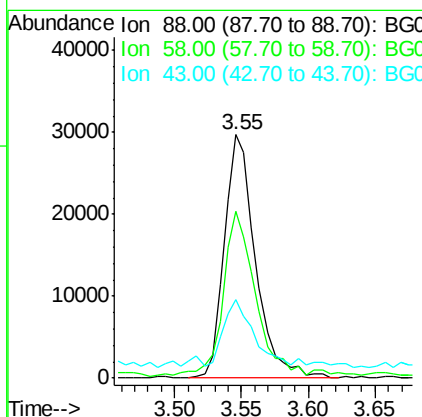
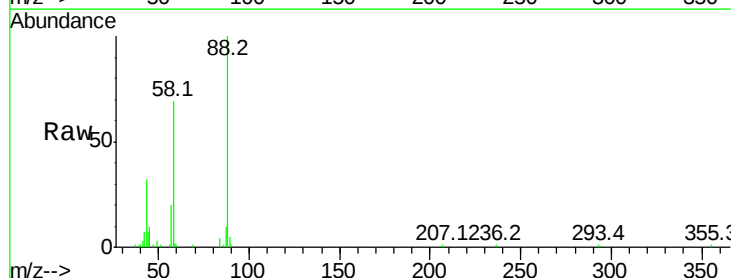
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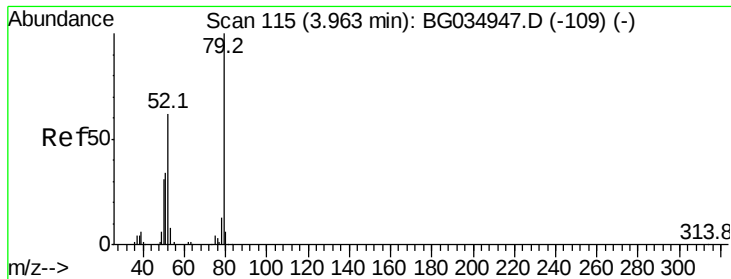


#2

1,4-Dioxane
Concen: 32.327 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	79.6	119.4#
43	29.0	27.4	41.0





#3

Pvridine

Concen: 36.504 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

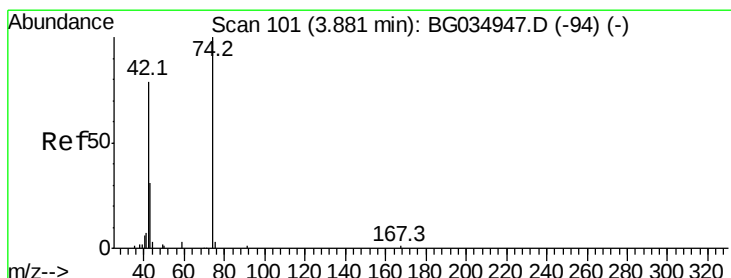
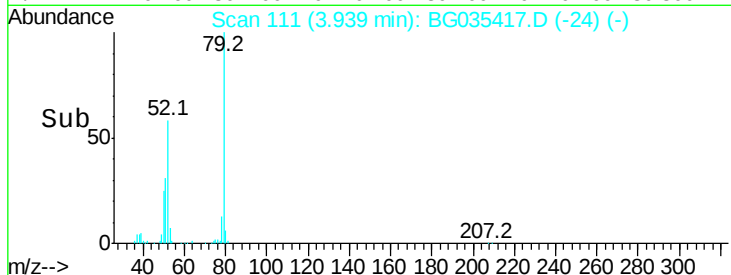
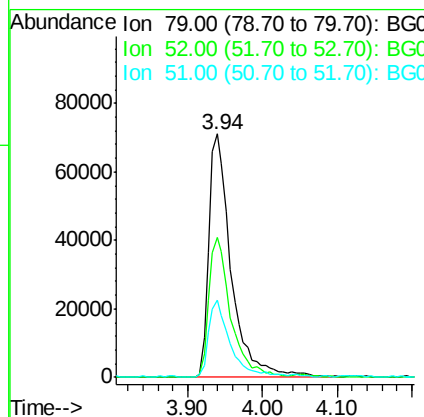
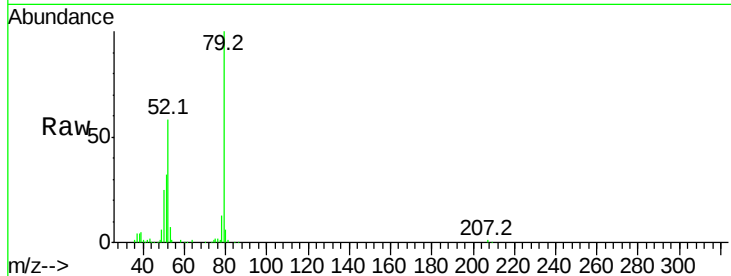
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	57.6	69.9	104.9#
51	31.5	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.049 ng

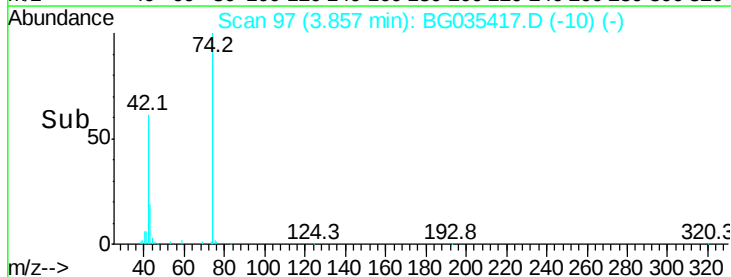
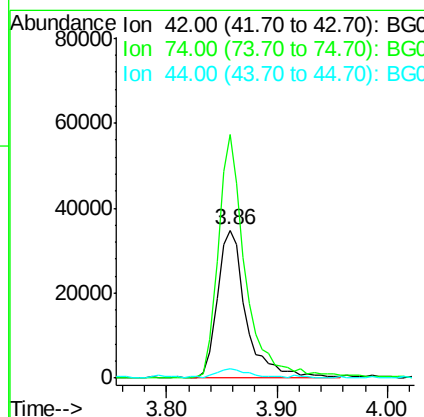
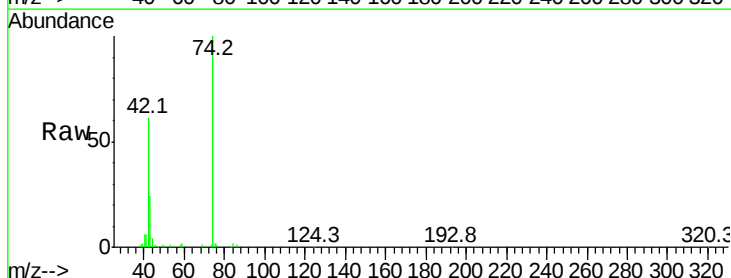
RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	164.6	102.5	153.7#
44	6.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 144.585 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

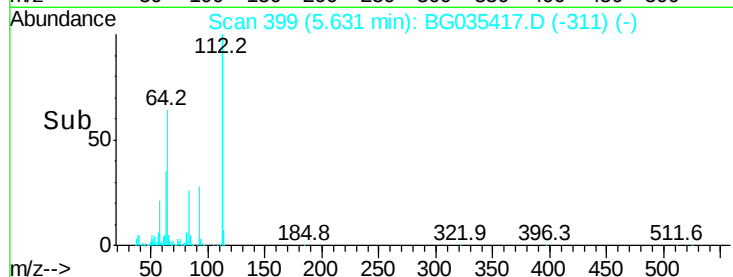
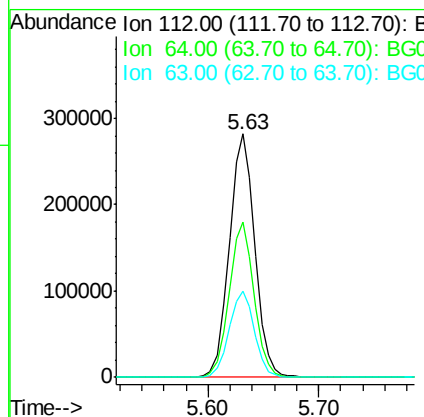
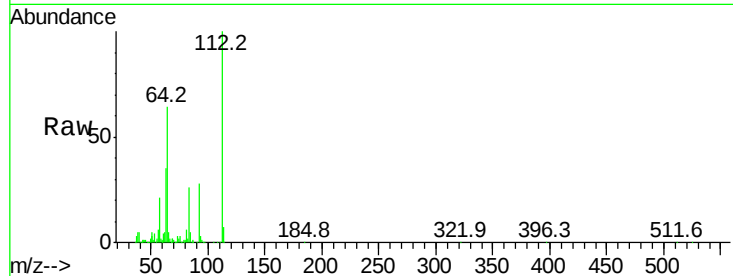
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	112	Resp:	455334
Ion Ratio	Lower	Upper	
112	100		
64	63.8	56.3	84.5
63	35.3	30.1	45.1

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#6

Aniline

Concen: 36.547 ng

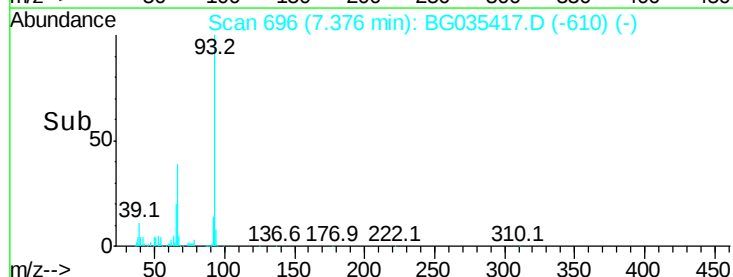
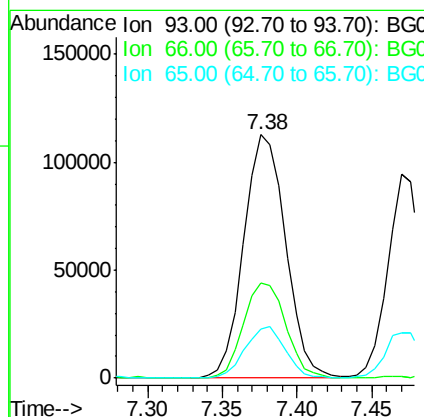
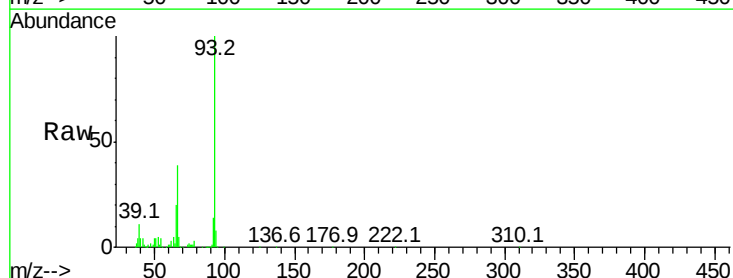
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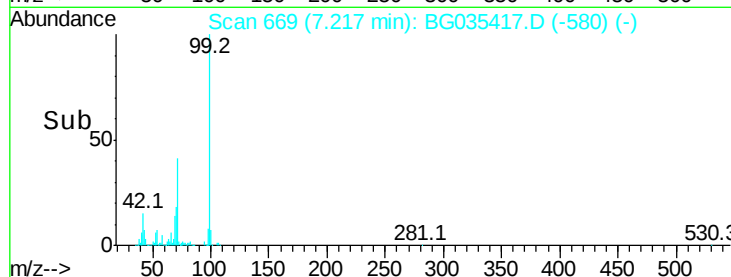
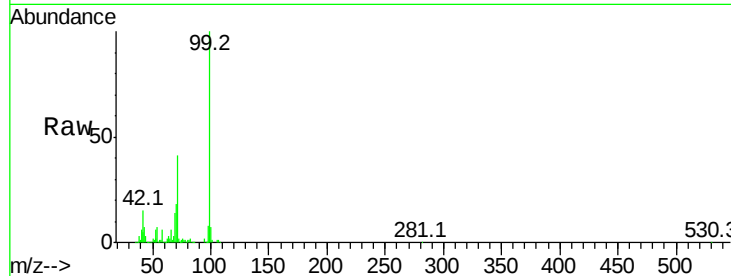
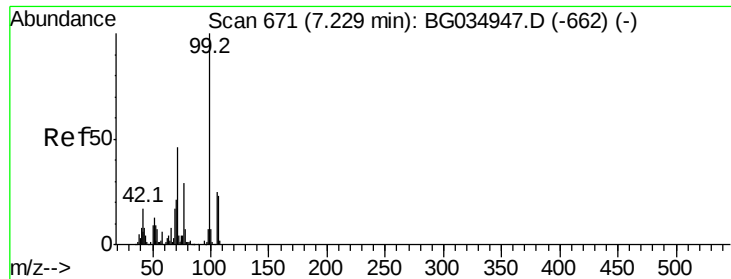
Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	93	Resp:	219584
Ion Ratio	Lower	Upper	
93	100		
66	39.3	33.7	50.5
65	20.3	16.1	24.1





#7

Phenol-d6

Concen: 143.657 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tot Ion	Ratio	Resp	Lower	Upper
99	100	667735		
42	15.4		14.1	21.1
71	41.3		26.1	39.1

Instrument :

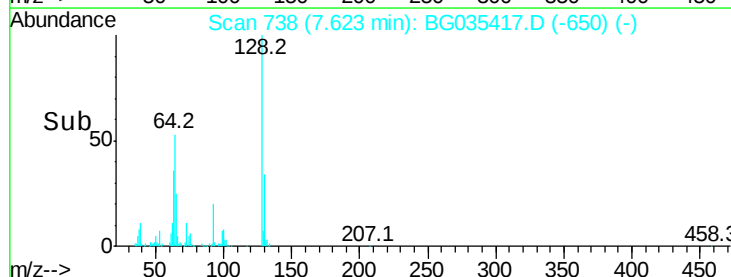
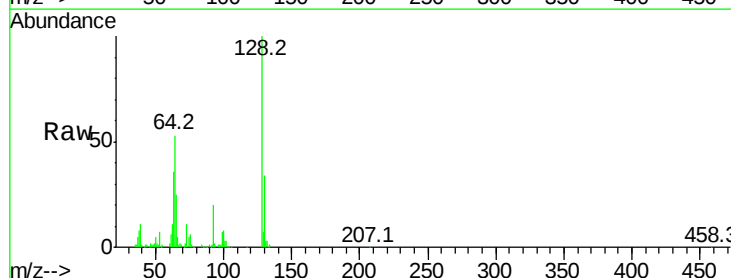
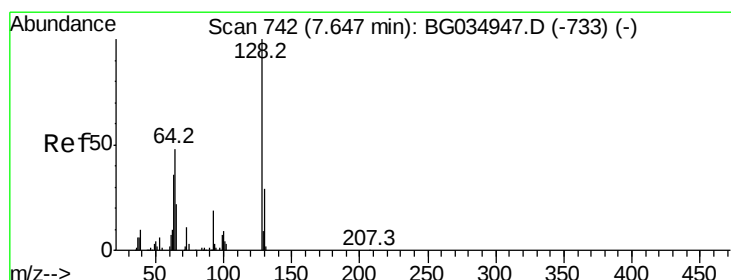
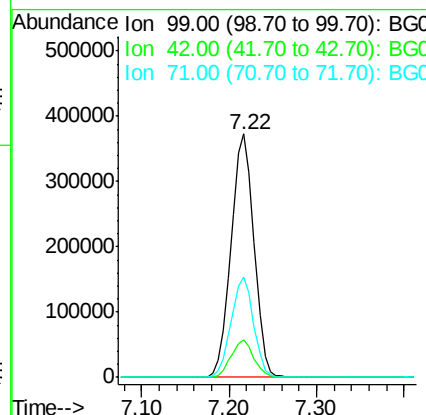
BNA_G

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#8

2-Chlorophenol

Concen: 43.915 ng

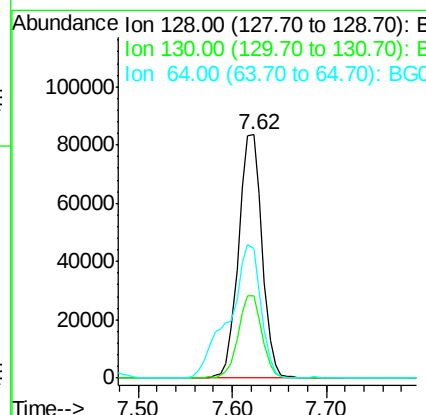
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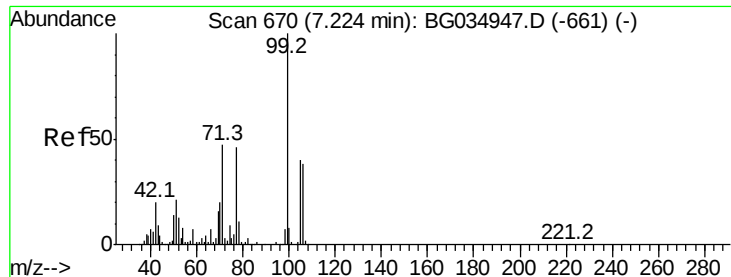
Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	144966		
130	33.9		14.0	54.0
64	53.5		37.7	77.7





#9

Benzaldehyde

Concen: 30.956 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

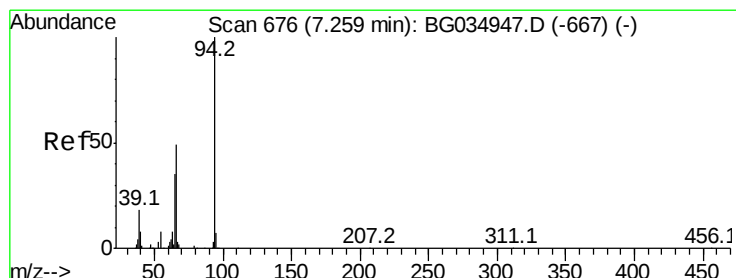
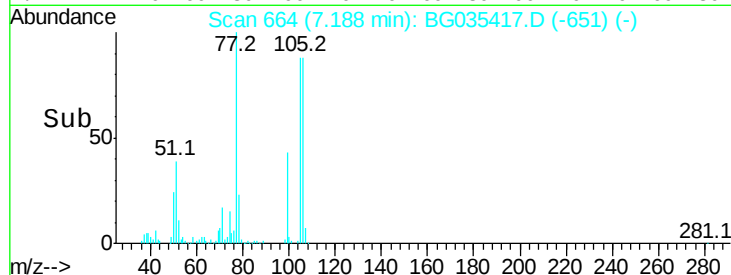
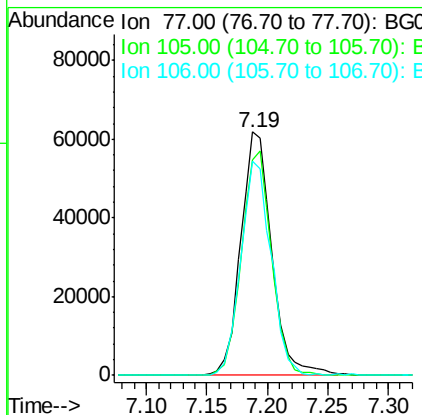
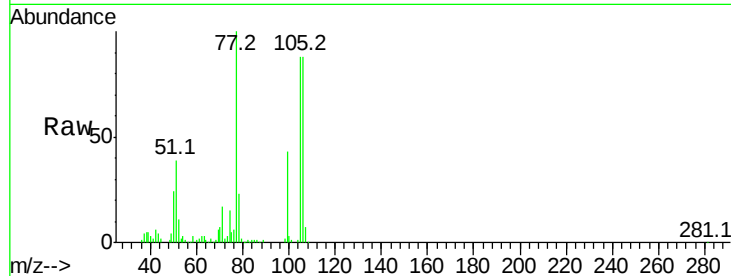
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	77	Resp:	110831
Ion	Ratio	Lower	Upper
77	100		
105	88.5	71.3	111.3
106	88.1	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 47.410 ng

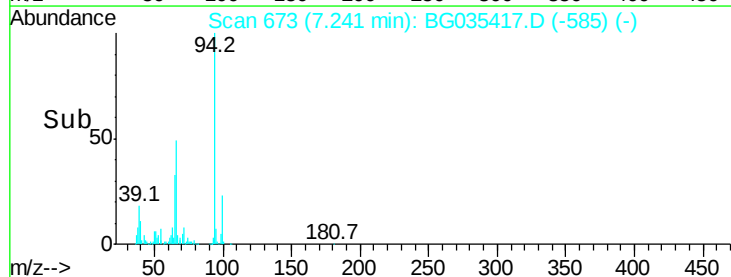
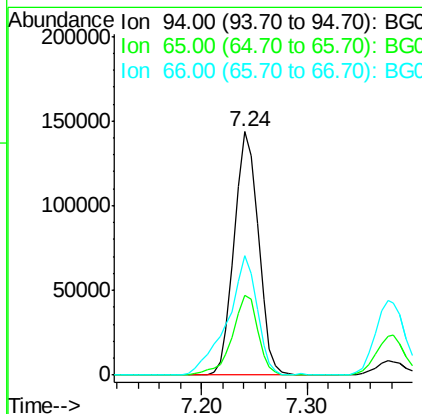
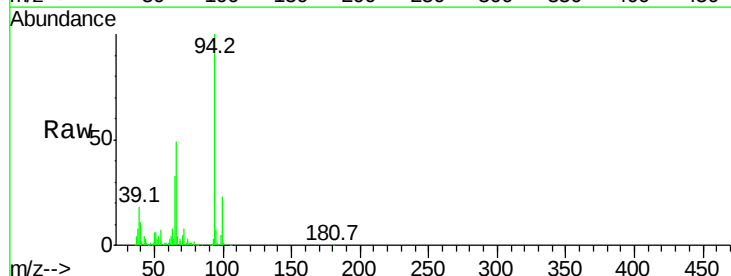
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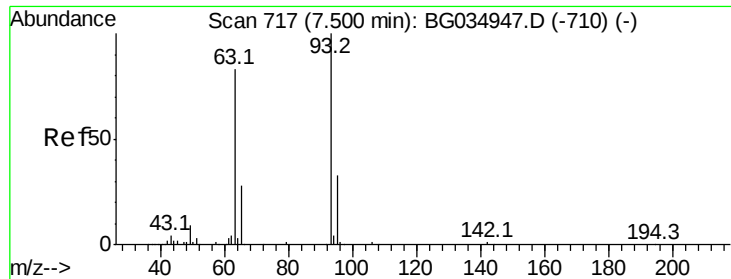
Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	94	Resp:	228055
Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.9	51.9
66	49.2	22.2	62.2





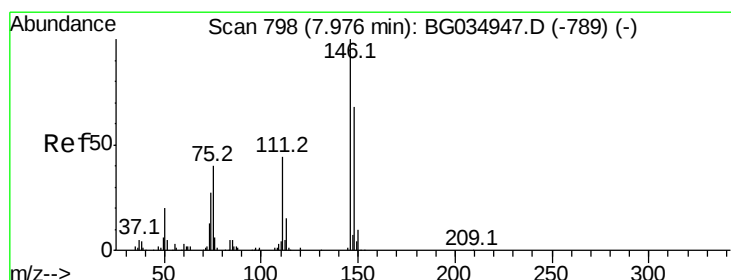
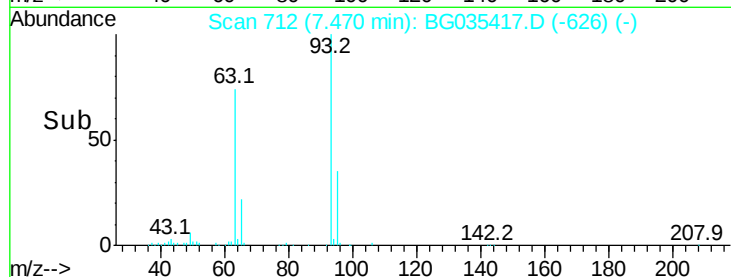
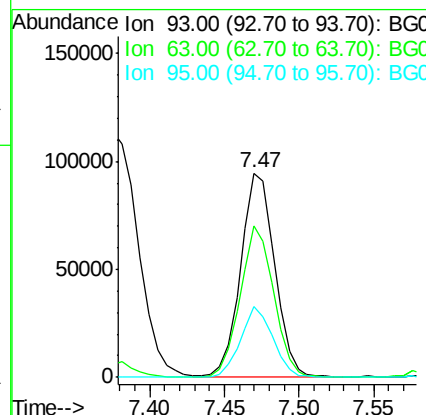
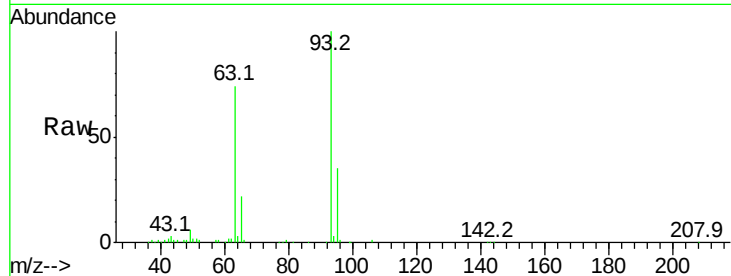
#11
bis(2-Chloroethyl)ether
Concen: 40.005 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	149359		
63	74.2		67.1	107.1
95	34.5		11.5	51.5

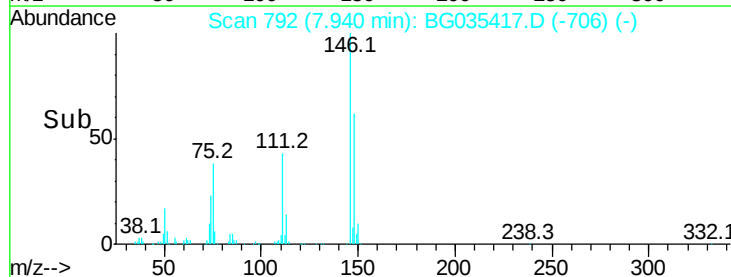
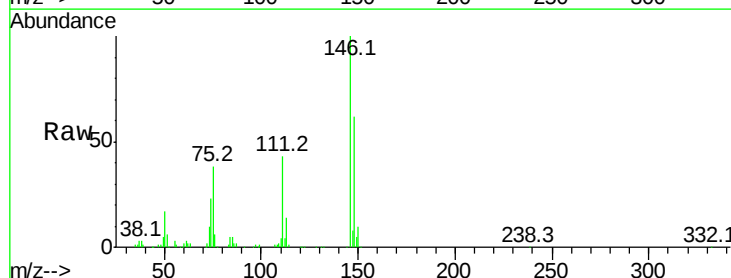
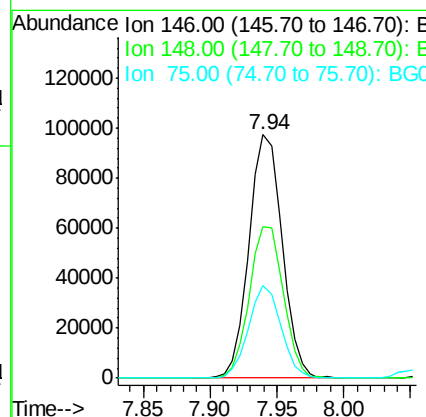
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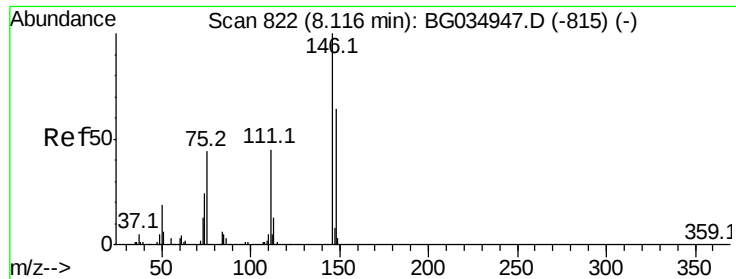
Sohil
6/27/2018 3:32:29 PM



#12
1,3-Dichlorobenzene
Concen: 42.385 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	166941		
148	62.4		51.4	77.2
75	37.8		26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 41.209 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

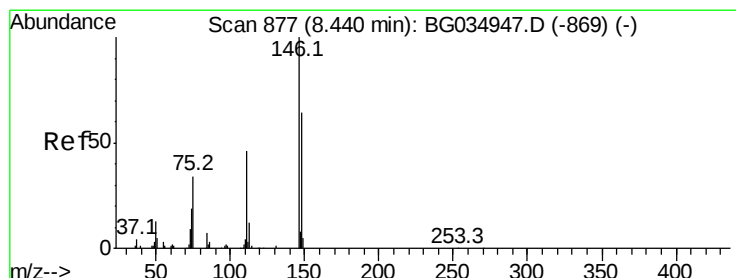
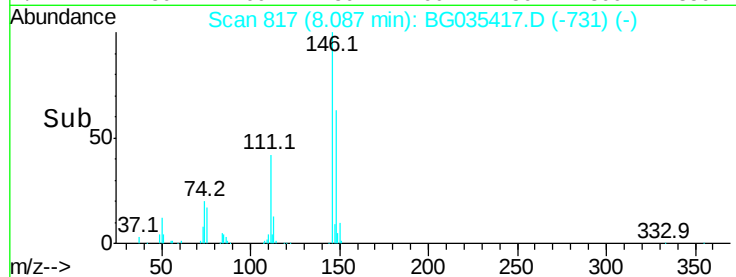
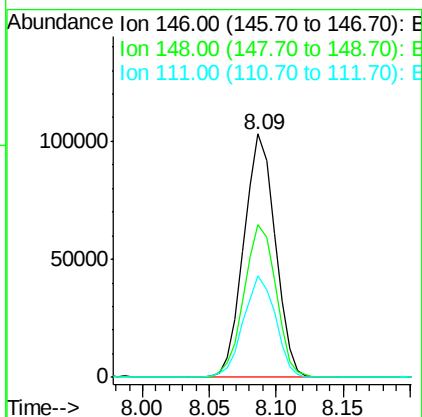
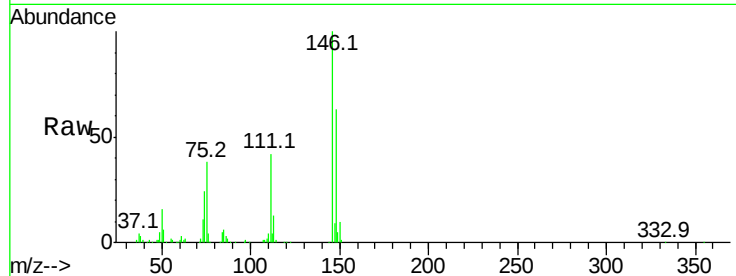
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	146	Resp:	167550
Ion Ratio	Lower	Upper	
146	100		
148	62.9	53.7	80.5
111	41.6	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 42.586 ng

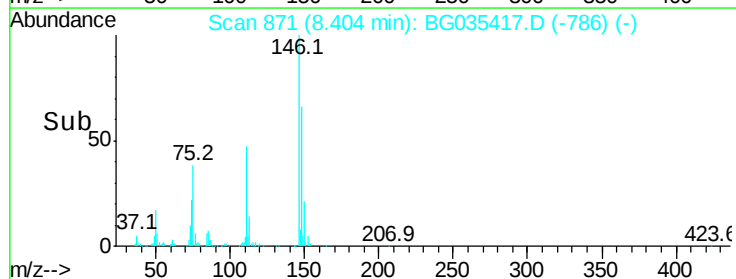
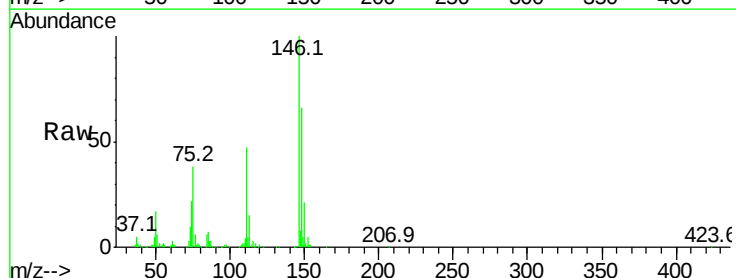
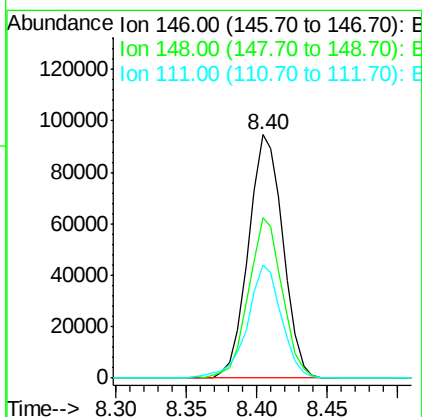
RT: 8.40 min Scan# 871

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	146	Resp:	162639
Ion Ratio	Lower	Upper	
146	100		
148	65.9	49.3	73.9
111	46.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 39.798 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

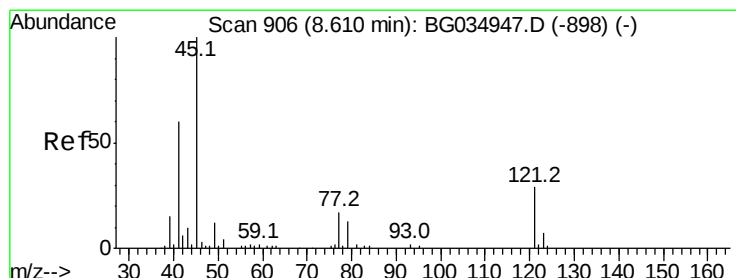
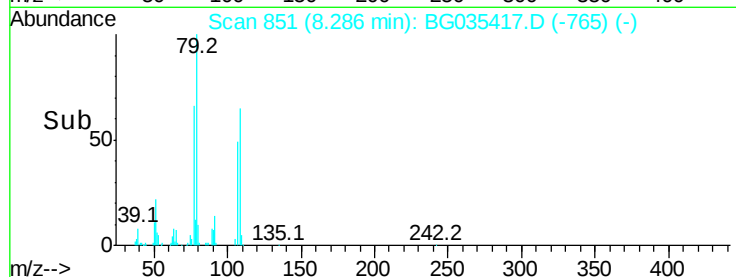
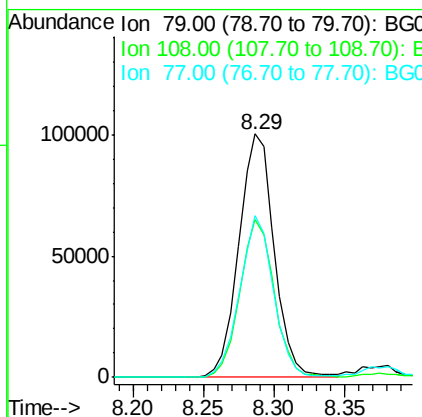
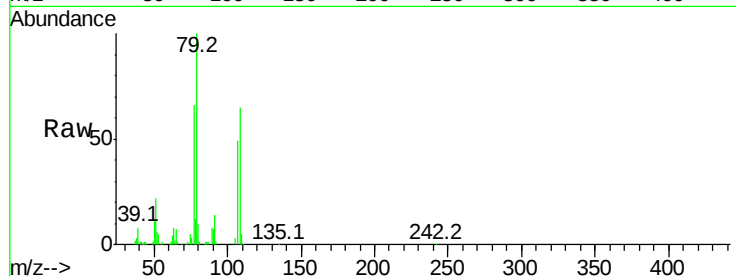
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	79	Resp:	175283
Ion Ratio	Lower	Upper	
79	100		
108	64.7	57.2	85.8
77	66.5	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.790 ng

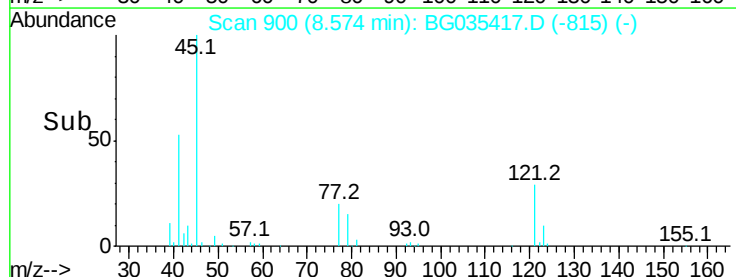
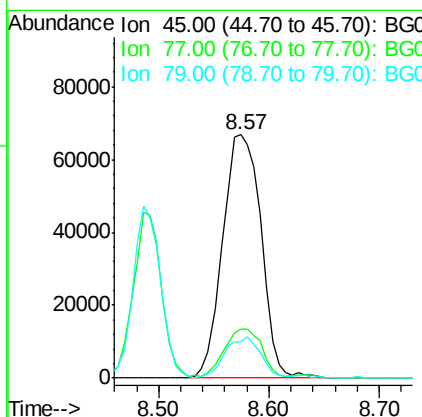
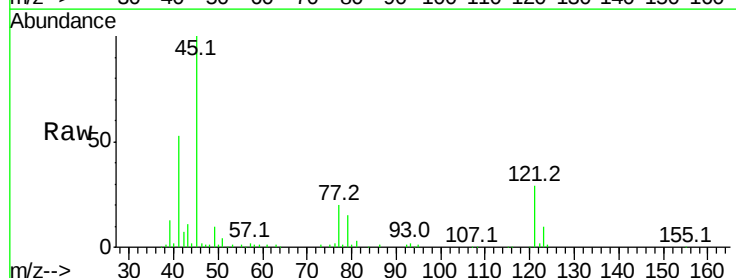
RT: 8.57 min Scan# 900

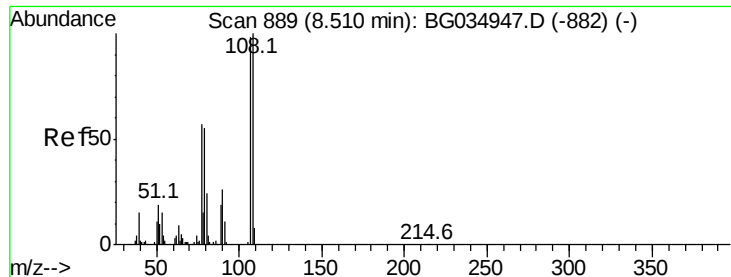
Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	45	Resp:	162722
Ion Ratio	Lower	Upper	
45	100		
77	20.1	0.0	30.2
79	14.9	0.0	27.9





#17

2-Methylphenol

Concen: 46.666 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

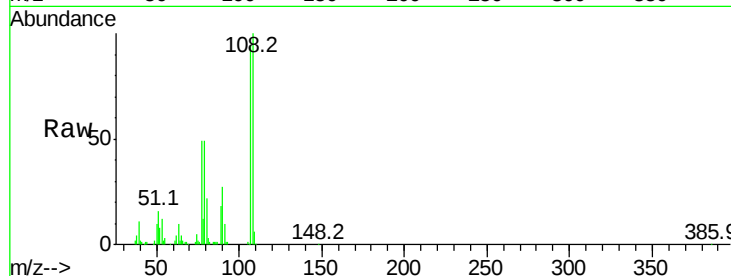
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion	107	Resp	147996
Ion Ratio	Lower	Upper	
107	100		
108	106.0	83.9	125.9
77	52.3	37.2	55.8
79	51.5	36.2	54.2

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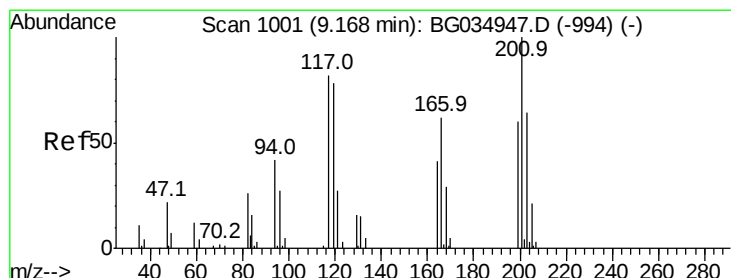
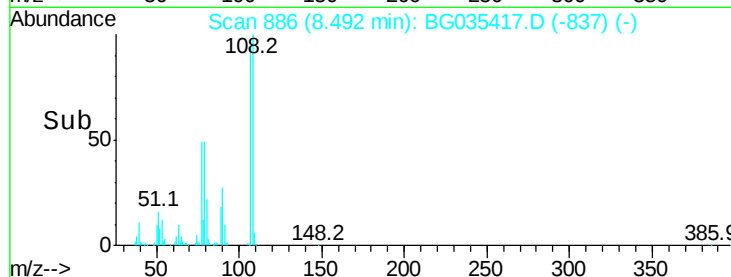
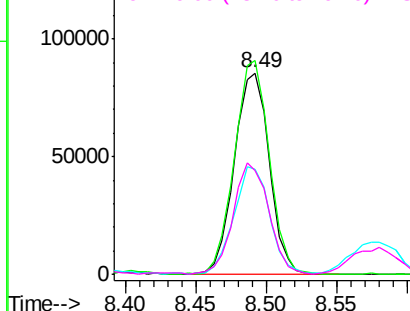


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.289 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.02 min

Lab File: BG035417.D

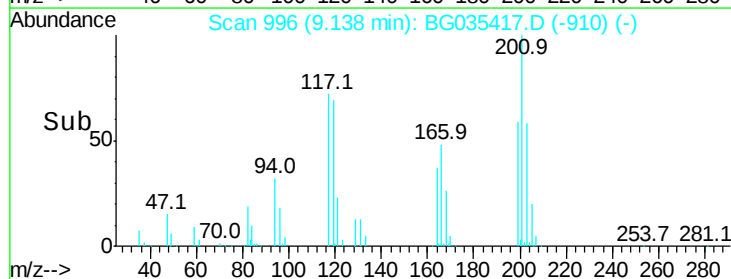
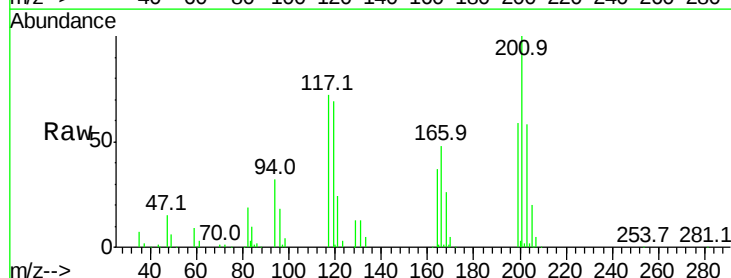
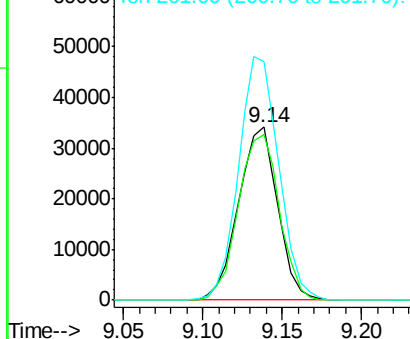
Acq: 26 Jun 2018 19:34

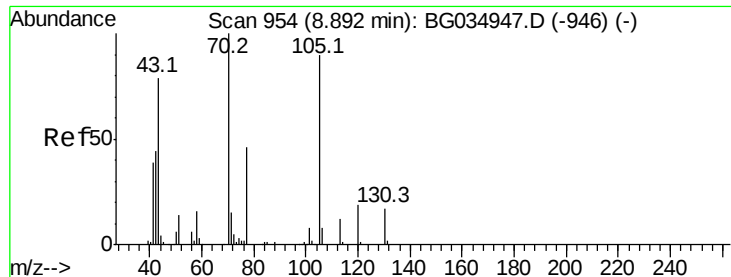
Tgt Ion	117	Resp	58645
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.7	115.1
201	138.2	95.7	143.5

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





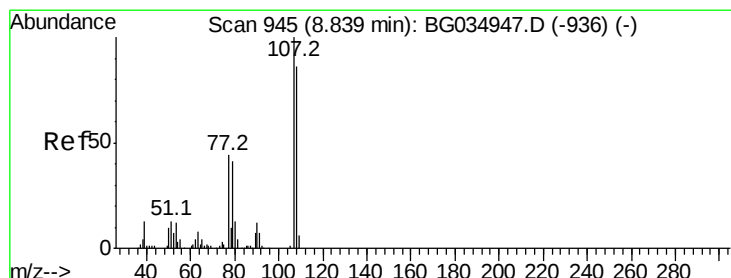
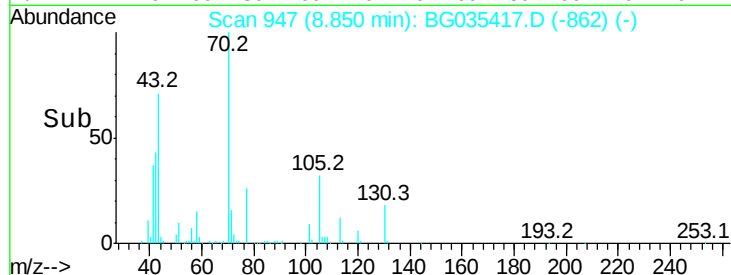
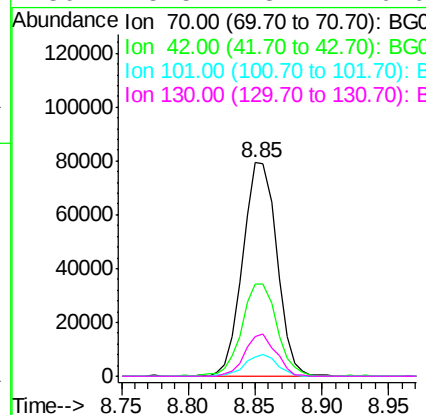
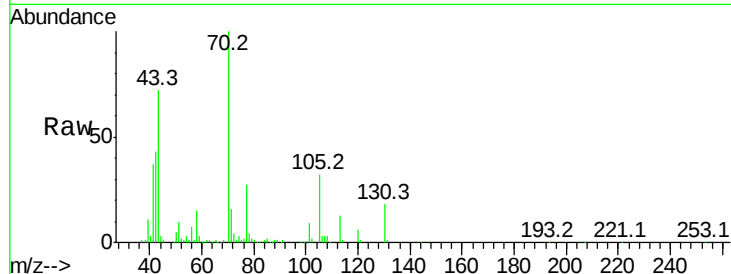
#19
n-Nitroso-di-n-propylamine
Concen: 35.356 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.2	49.1	73.7#	
101	8.7	8.5	12.7	
130	18.5	13.4	20.0	

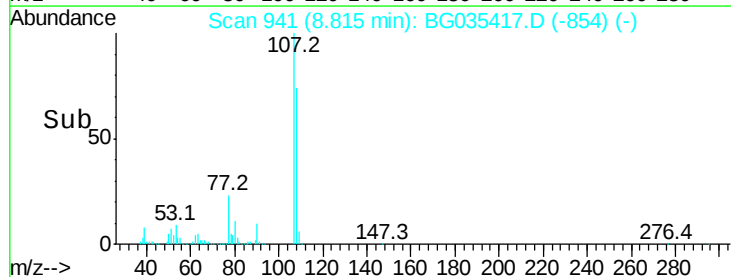
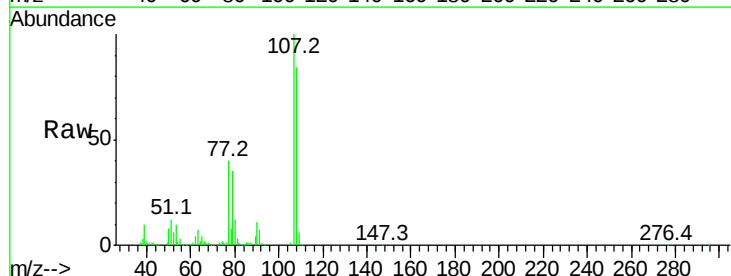
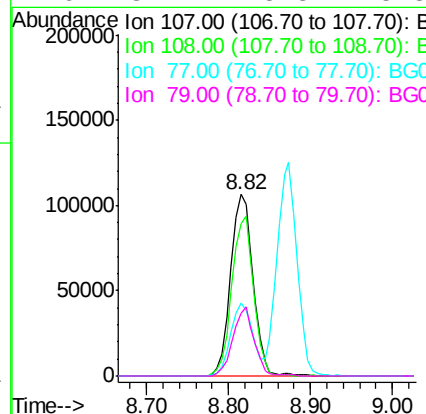
Manual Integrations
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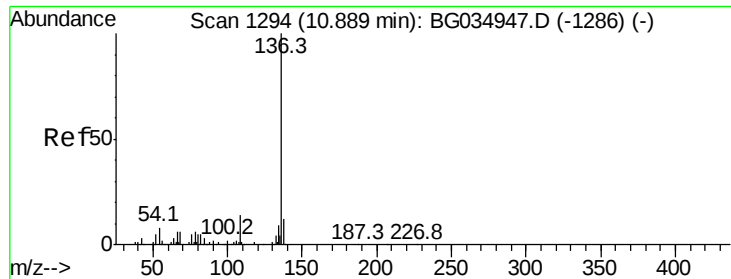
Sohil
6/27/2018 3:32:29 PM



#20
3+4-Methylphenols
Concen: 44.861 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.2	61.6	101.6	
77	40.2	13.9	53.9	
79	34.7	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

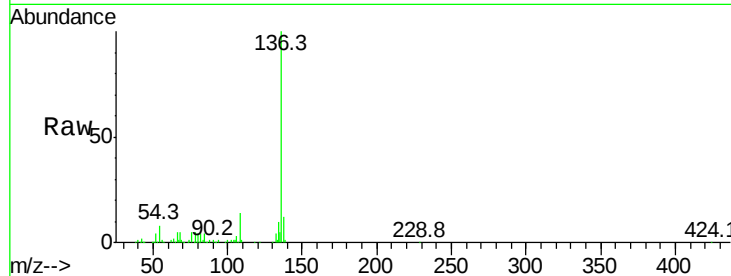
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.8	9.2	13.8
54	7.5	10.3	15.5#
68	5.4	4.5	6.7

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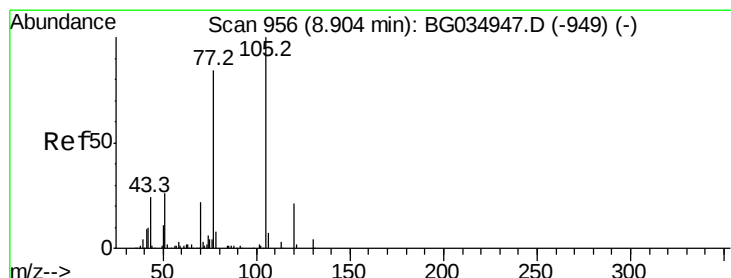
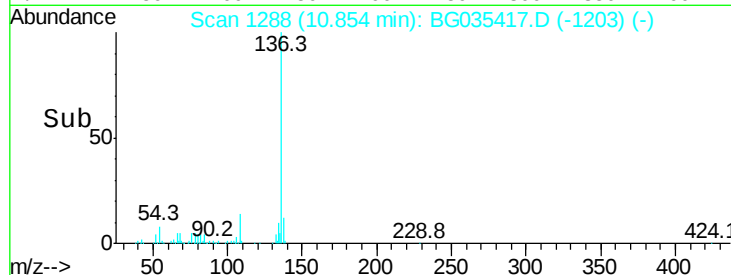
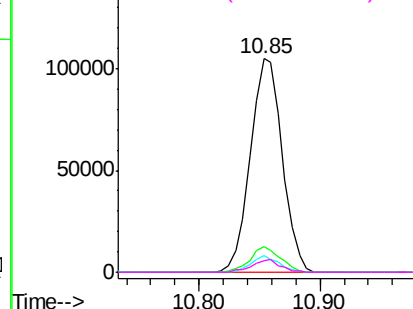


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.332 ng

RT: 8.87 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

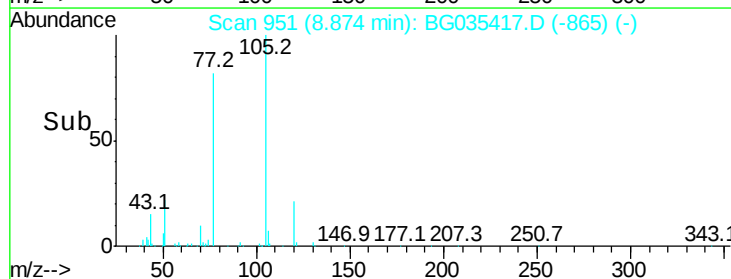
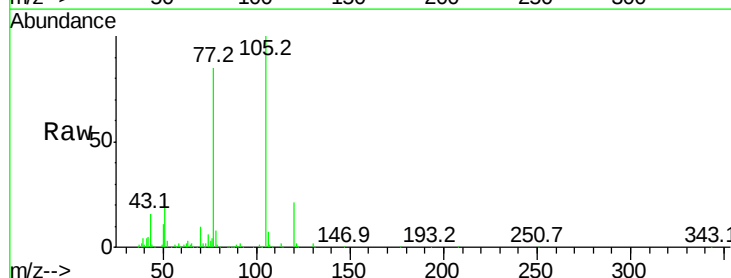
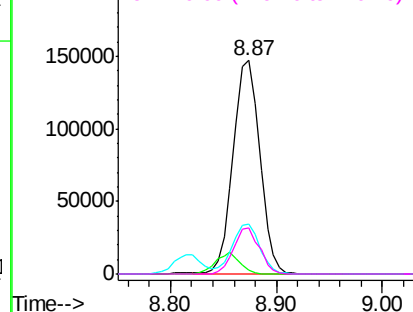
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.1	3.0	4.4#
51	23.3	26.1	39.1#
120	21.4	17.4	26.2

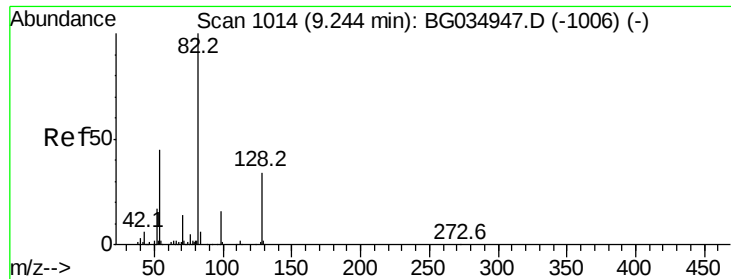
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





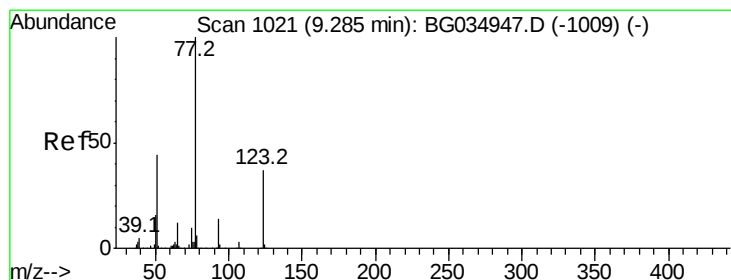
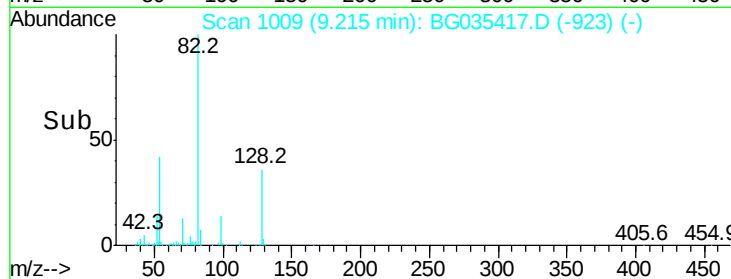
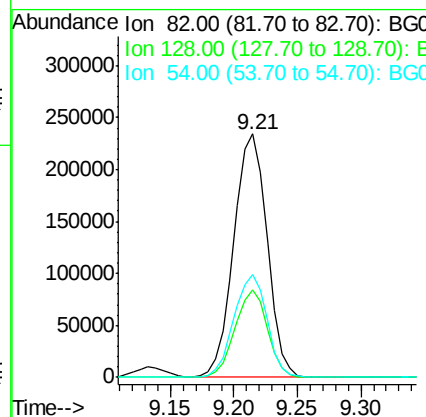
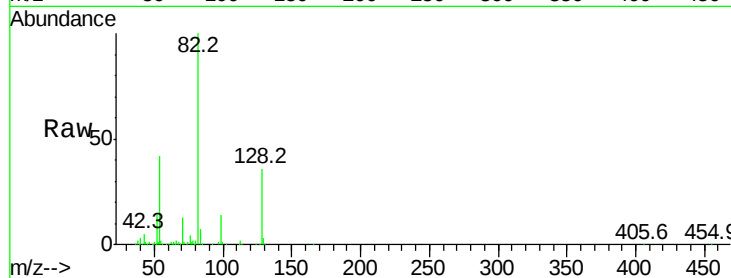
#23
 Nitrobenzene-d5
 Concen: 105.144 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	42.2	43.1	64.7#

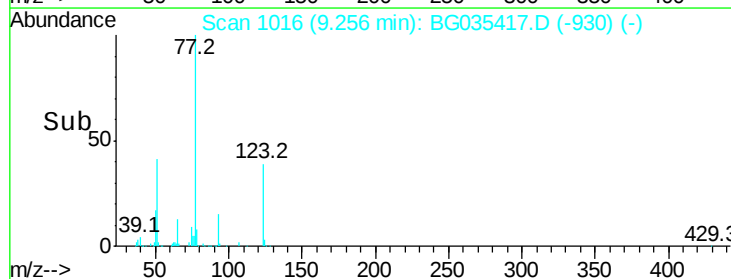
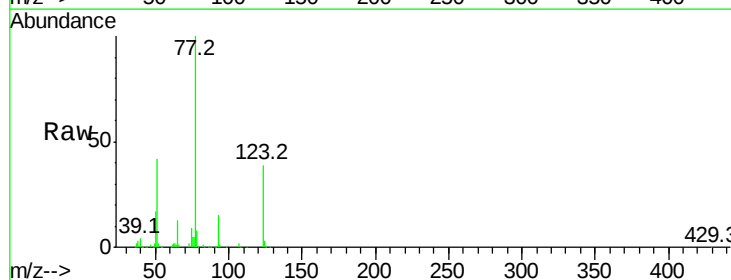
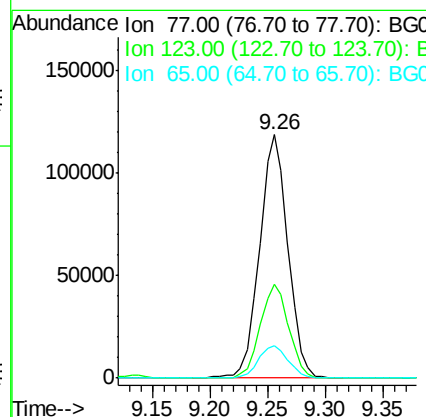
Manual Integrations
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#24
 Nitrobenzene
 Concen: 48.954 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	33.0	49.6
65	13.3	13.0	19.6





#25

Isophorone

Concen: 45.544 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

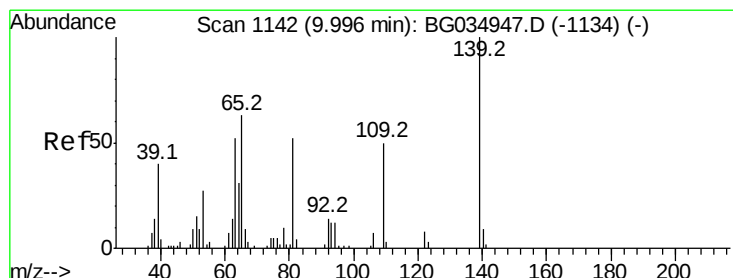
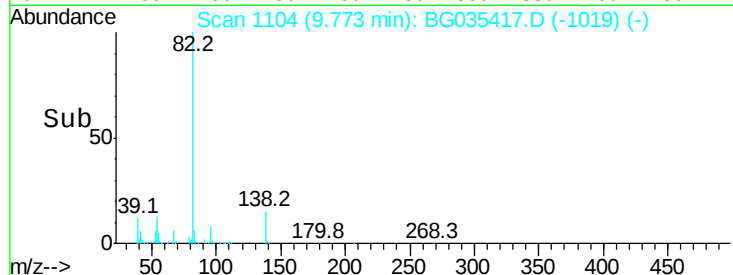
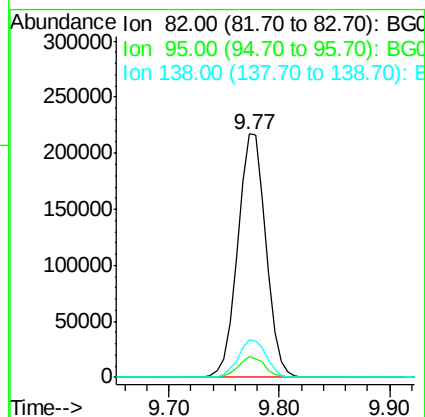
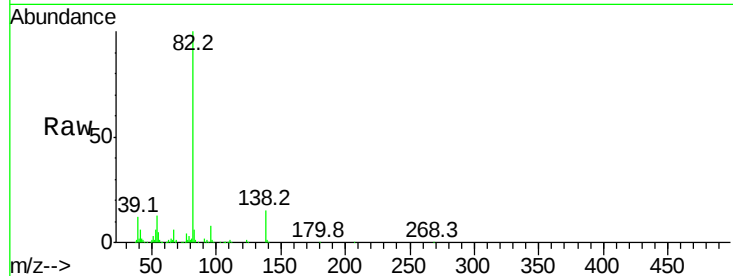
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion	82	Resp	389322
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.2
138	15.5	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 59.396 ng

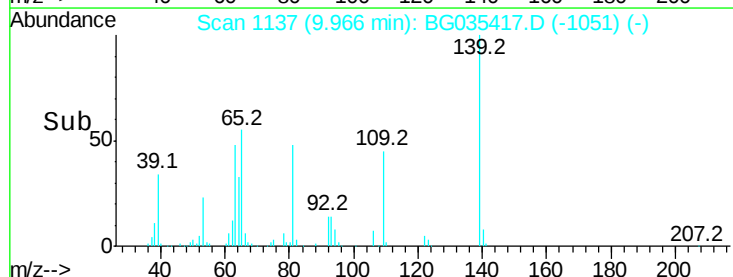
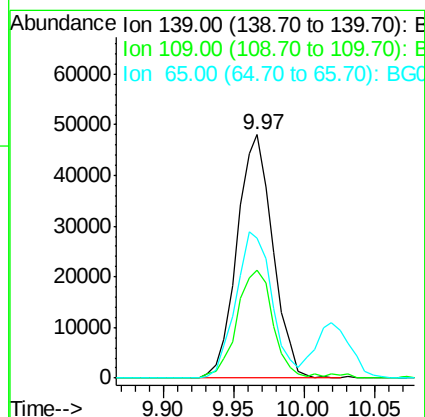
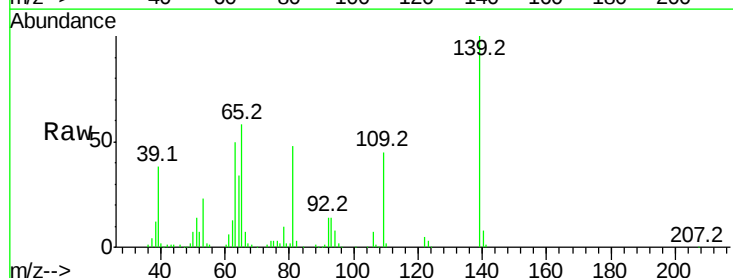
RT: 9.97 min Scan# 1137

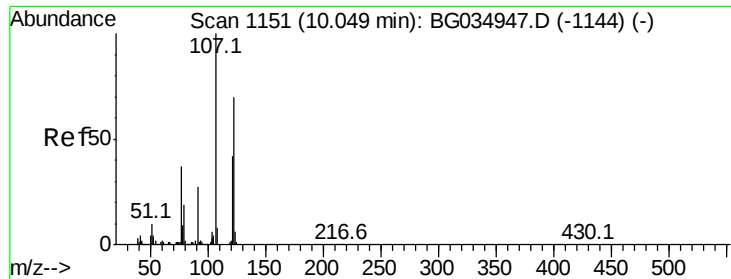
Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion	139	Resp	84882
Ion Ratio	Lower	Upper	
139	100		
109	44.6	24.2	36.2#
65	57.6	47.4	71.0





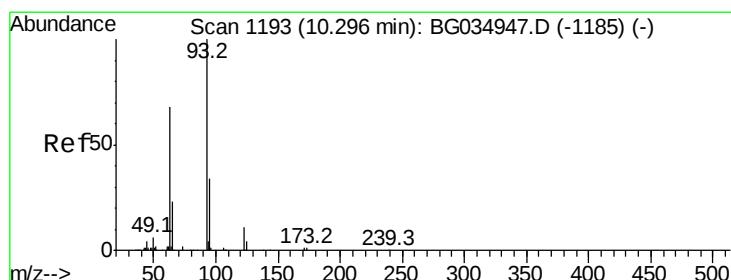
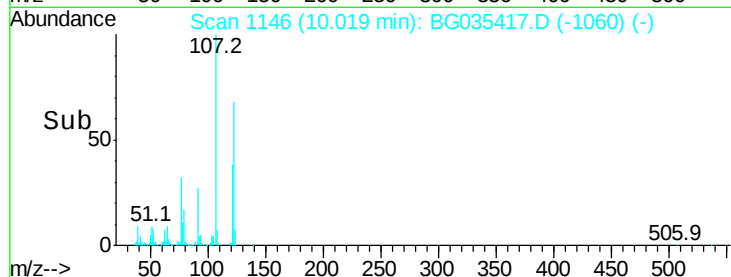
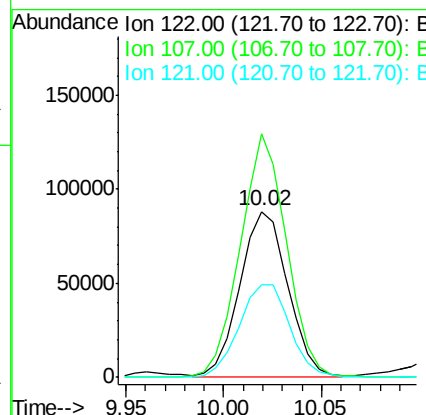
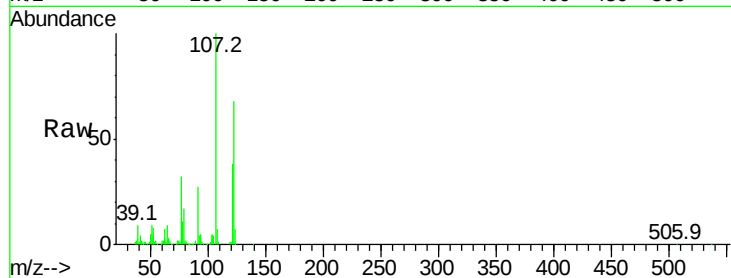
#27
2,4-Dimethylphenol
Concen: 50.098 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	146.7	100.2	150.2
121	56.1	44.4	66.6

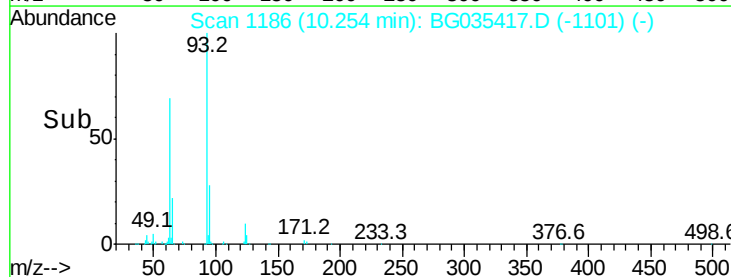
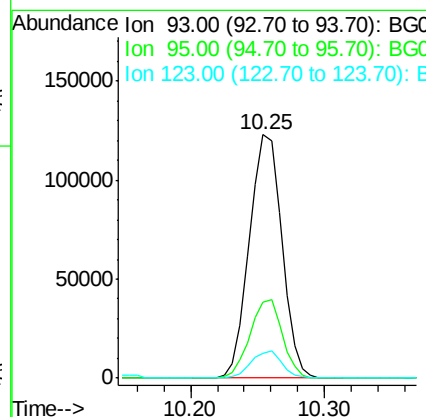
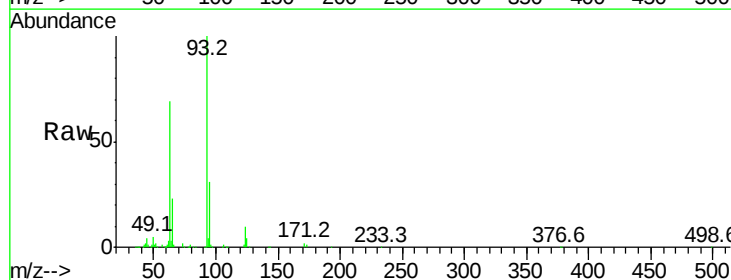
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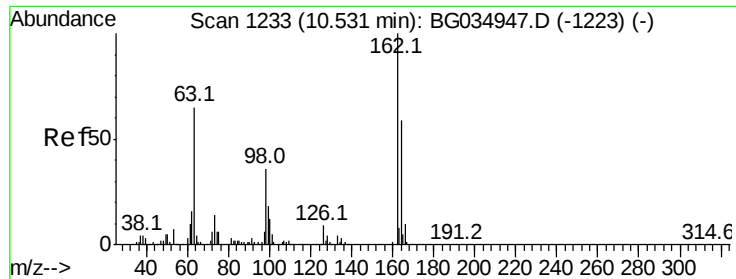
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#28
bis(2-Chloroethoxy)methane
Concen: 45.117 ng
RT: 10.25 min Scan# 1186
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	24.3	36.5
123	10.4	8.4	12.6





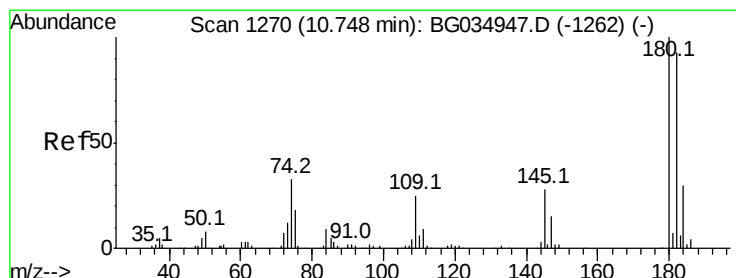
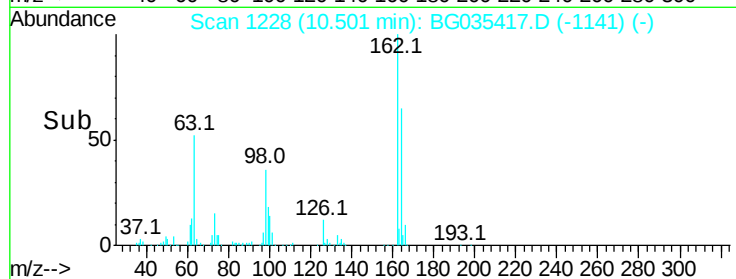
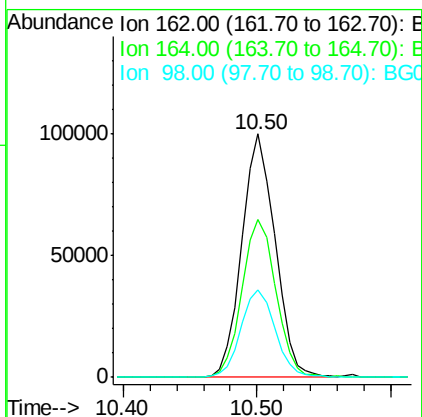
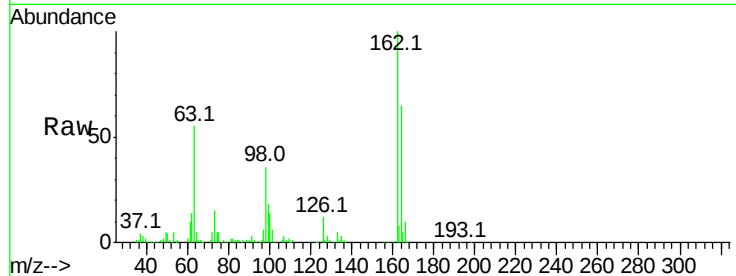
#29
 2,4-Dichlorophenol
 Concen: 52.735 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)MSD

Tot Ion:	162	Resp:	172363
Ion Ratio	Lower	Upper	
162	100		
164	64.7	48.0	88.0
98	36.0	21.1	61.1

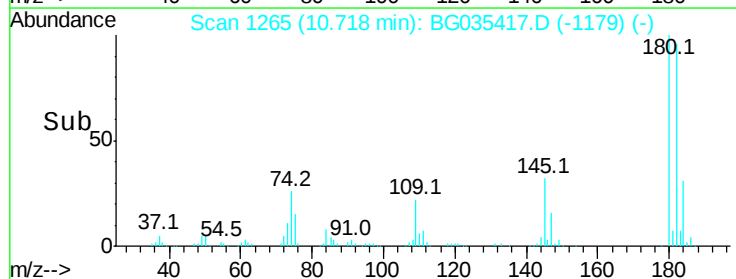
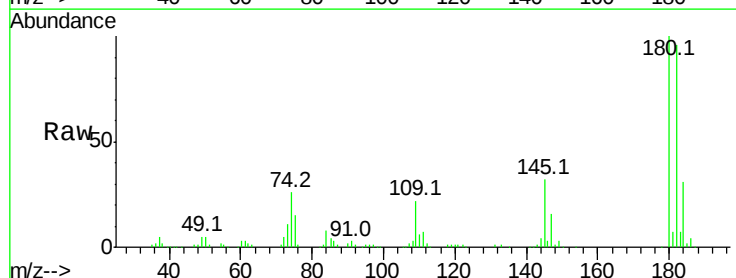
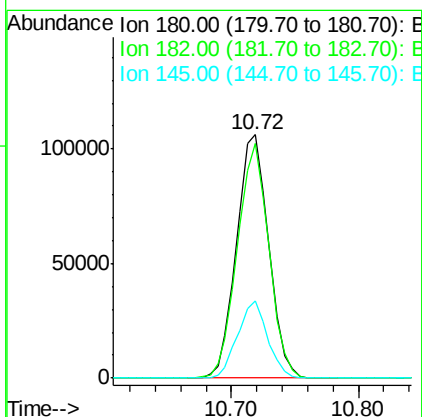
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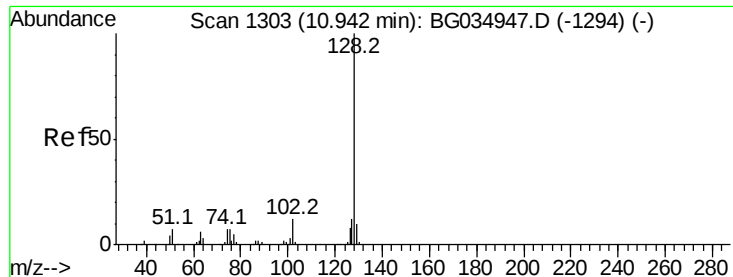
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.644 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion:	180	Resp:	186726
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.5	116.3
145	31.7	23.4	35.2





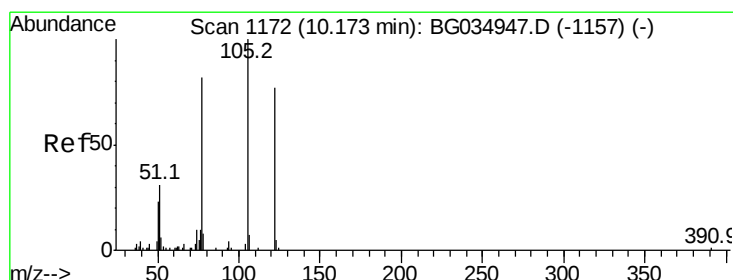
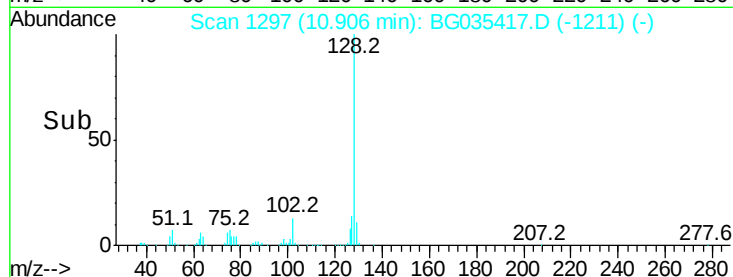
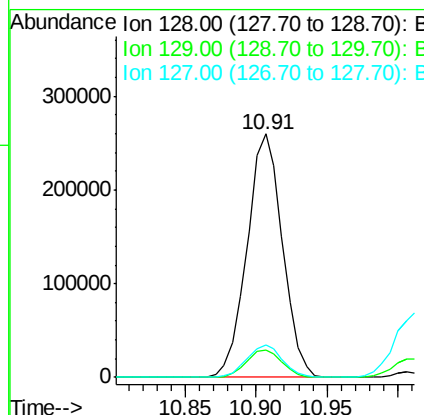
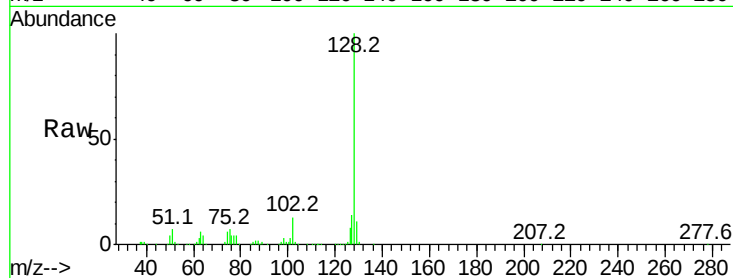
#31
Naphthalene
Concen: 45.718 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	457080		
129	11.2	8.6	12.8	
127	13.5	11.6	17.4	

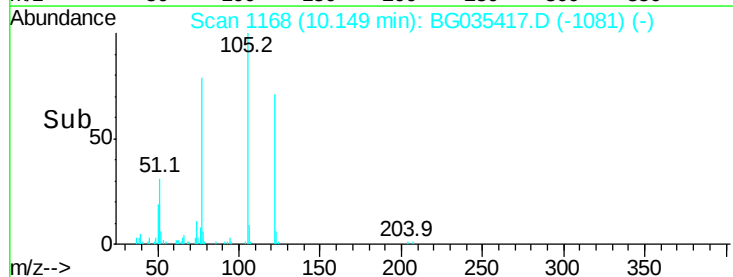
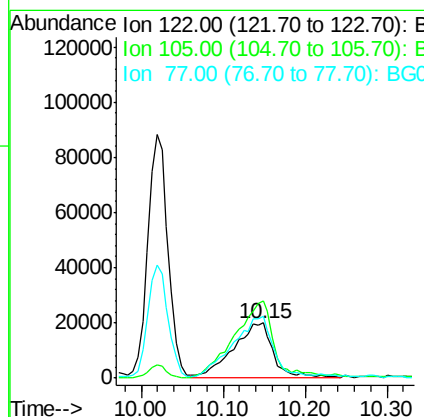
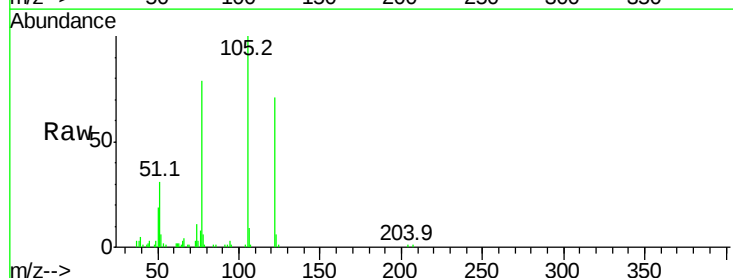
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6/27/2018 3:32:29 PM



#32
Benzoic acid
Concen: 34.403 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	69220		
105	141.0	123.5	163.5	
77	111.7	85.7	125.7	





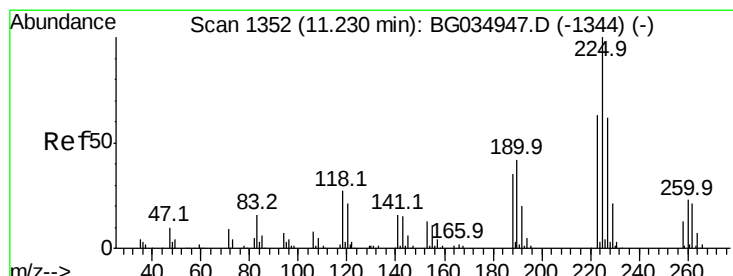
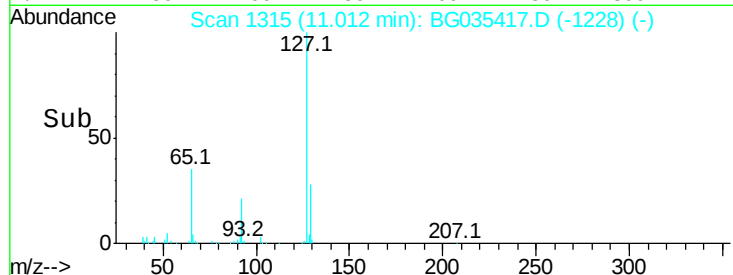
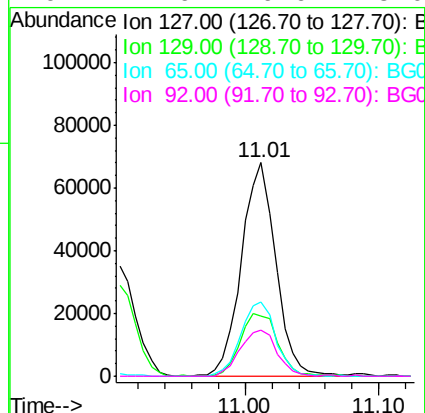
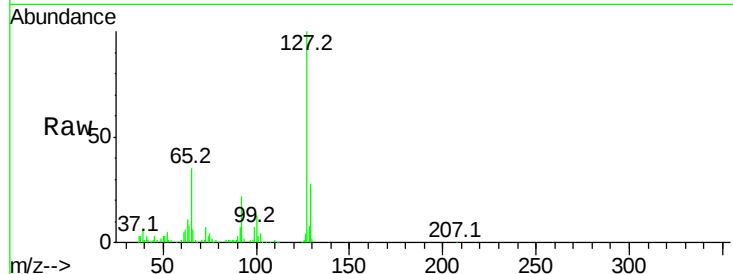
#33
4-Chloroaniline
Concen: 27.868 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.0	24.0	36.0		
65	35.0	27.0	40.4		
92	21.6	16.6	25.0		

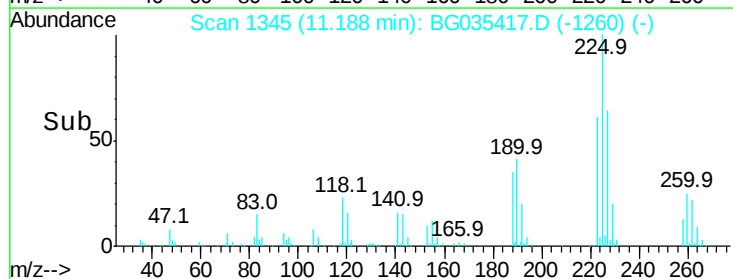
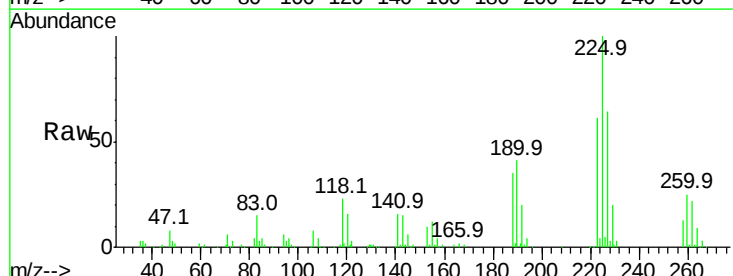
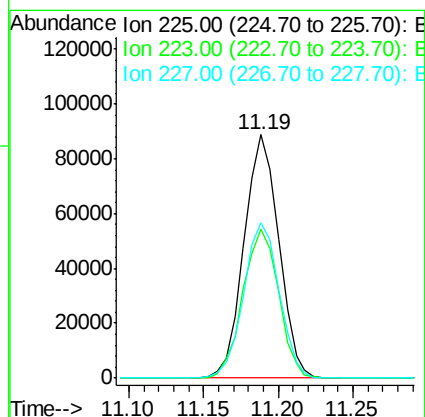
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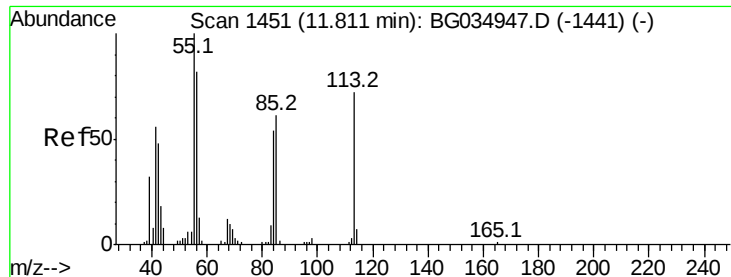
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#34
Hexachlorobutadiene
Concen: 46.951 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	49.7	74.5		
227	63.8	48.1	72.1		





#35

Caprolactam

Concen: 46.481 ng/ml

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

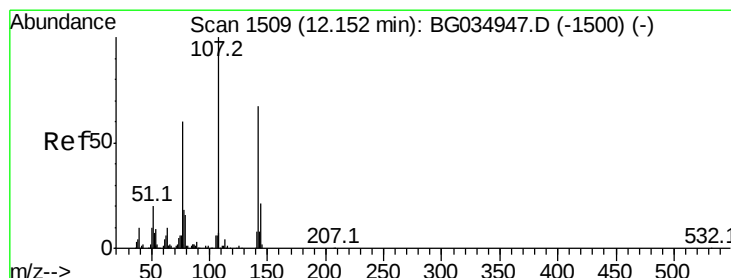
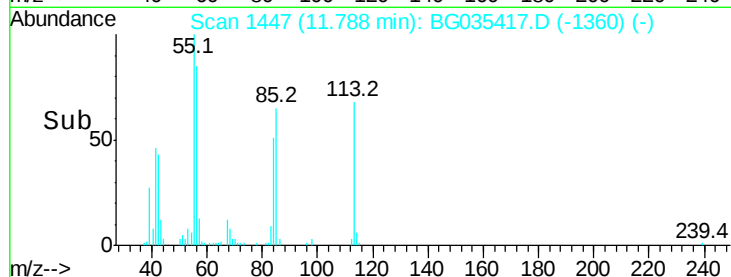
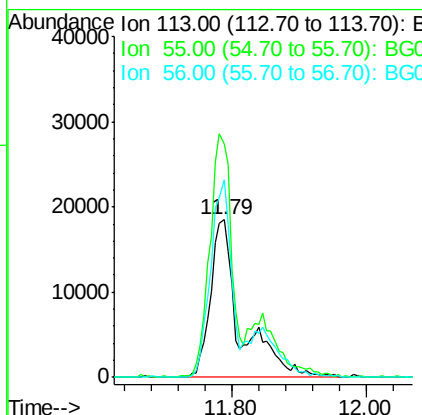
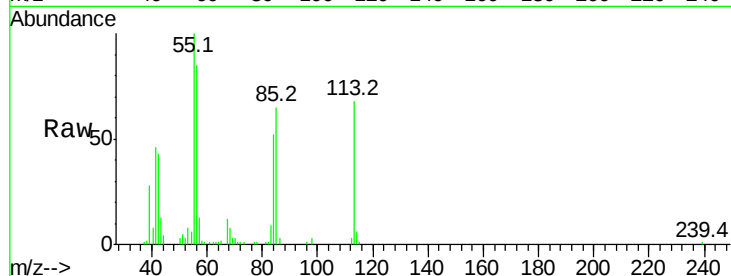
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	113	Resp:	56146
Ion Ratio	Lower	Upper	
113	100		
55	148.1	186.9	226.9#
56	125.6	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 49.817 ng/ml

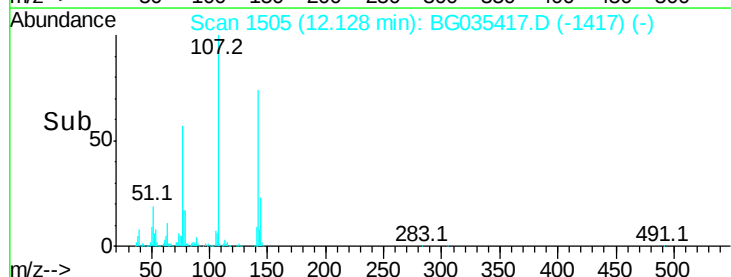
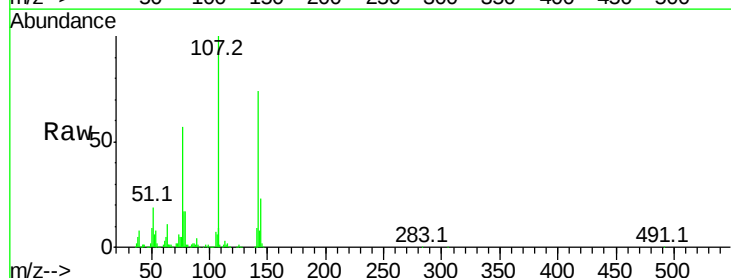
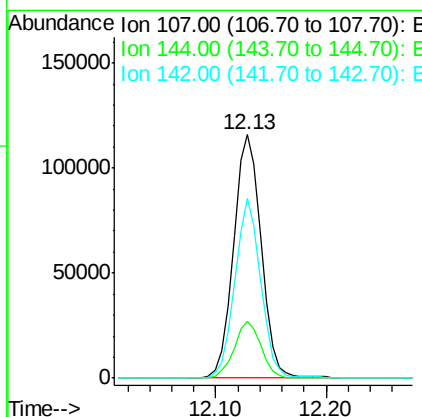
RT: 12.13 min Scan# 1505

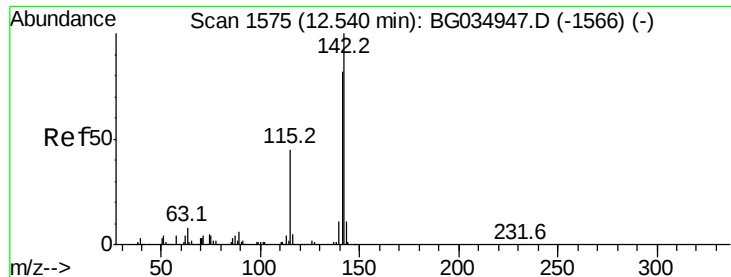
Delta R.T. -0.01 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	107	Resp:	202972
Ion Ratio	Lower	Upper	
107	100		
144	23.5	18.2	27.4
142	73.8	59.0	88.4





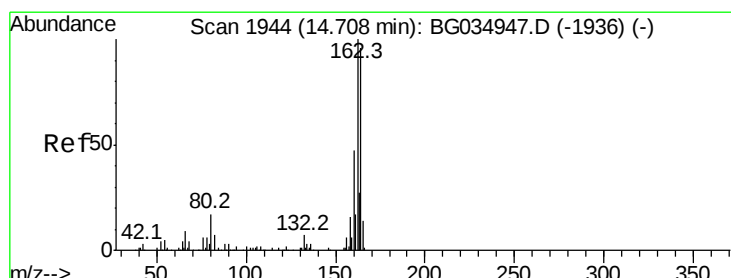
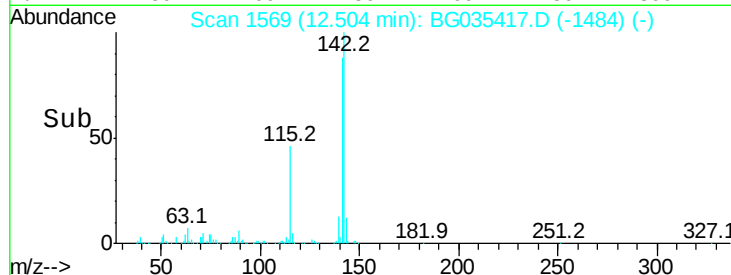
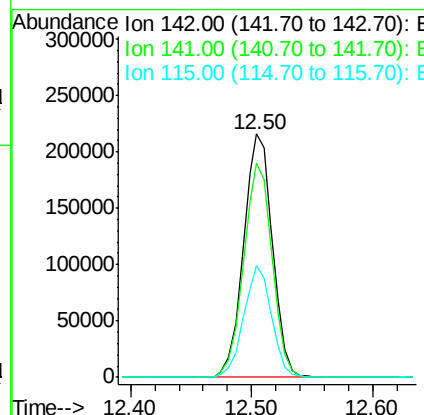
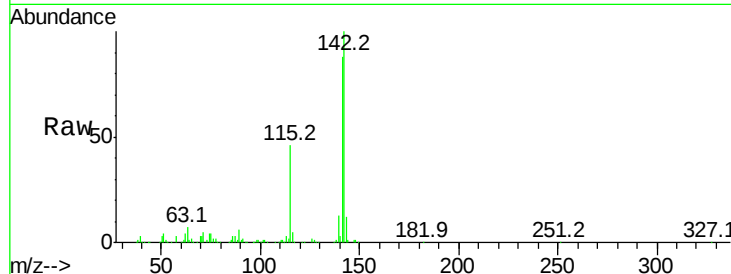
#37
2-Methylnaphthalene
Concen: 47.324 ng
RT: 12.50 min Scan# 1569
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	358714		
141	88.0		67.1	100.7
115	45.8		30.7	46.1

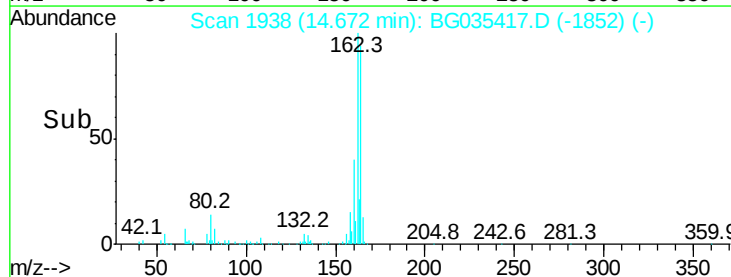
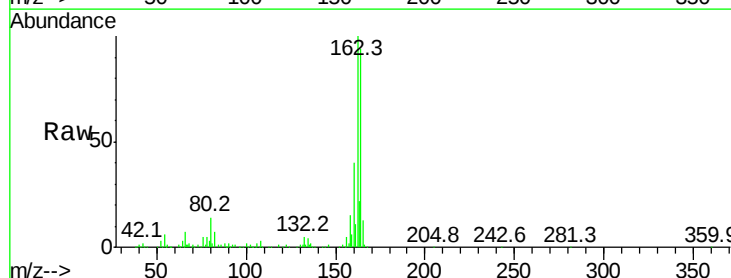
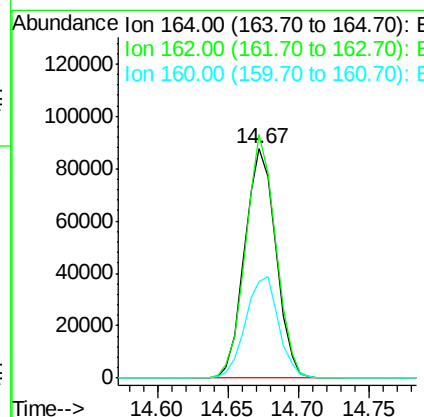
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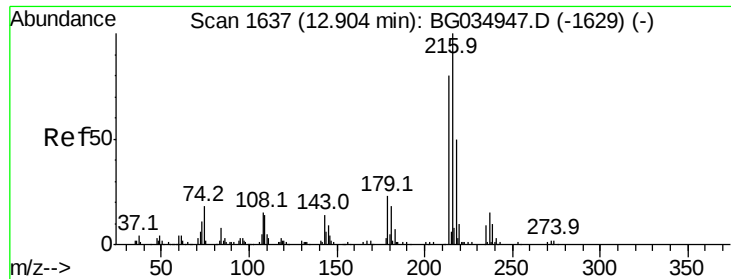
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6/27/2018 3:32:29 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136065		
162	106.3		78.8	118.2
160	42.2		35.4	53.0





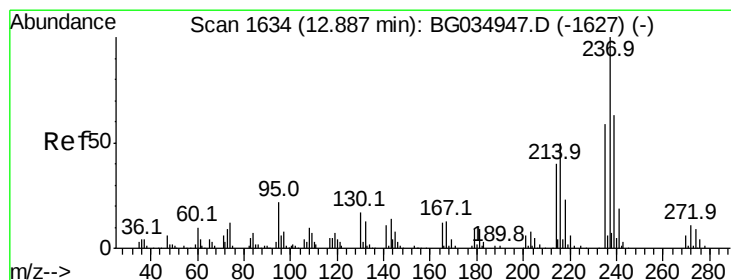
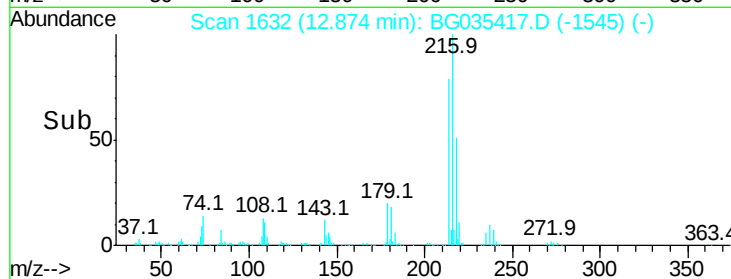
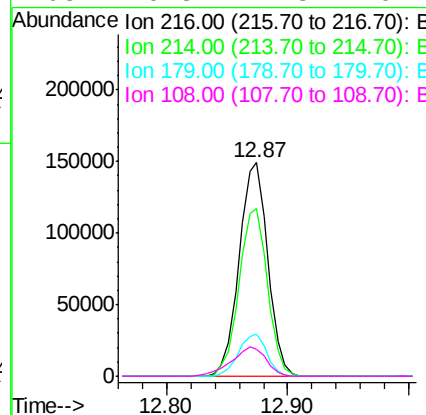
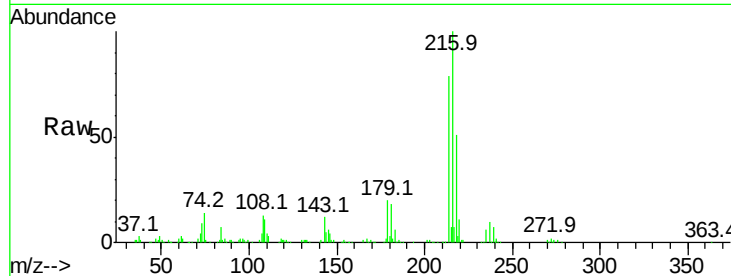
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.537 ng
 RT: 12.87 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	245992		
214	77.9	63.0	94.4	
179	19.5	17.0	25.6	
108	16.3	12.8	19.2	

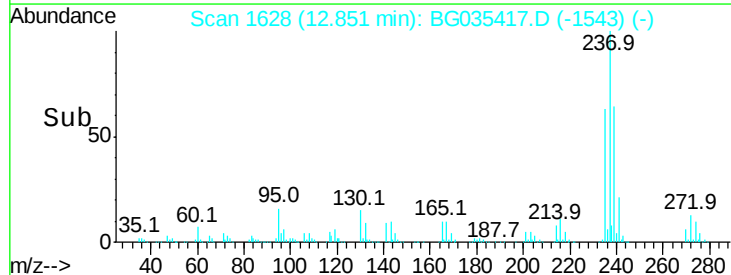
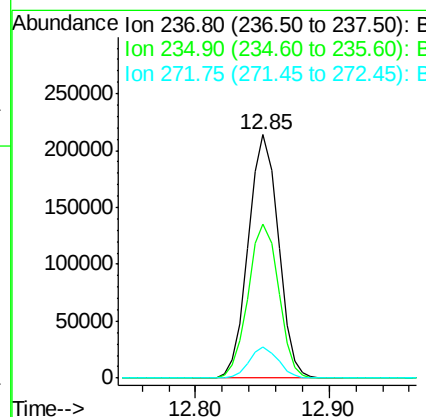
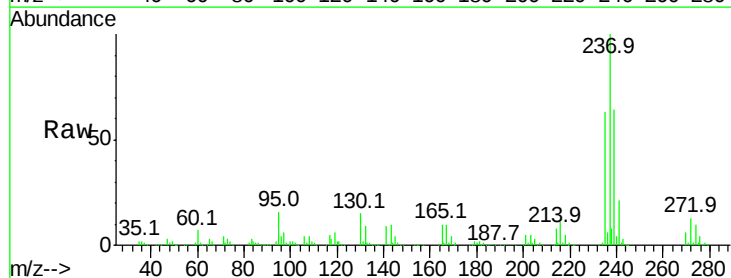
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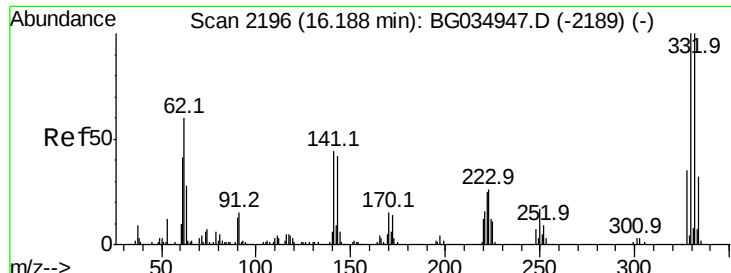
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#40
 Hexachlorocyclopentadiene
 Concen: 104.429 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.03 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	331895		
235	63.0	50.4	90.4	
272	12.6	0.0	31.8	





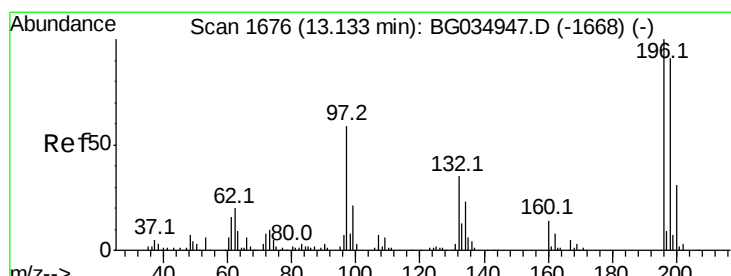
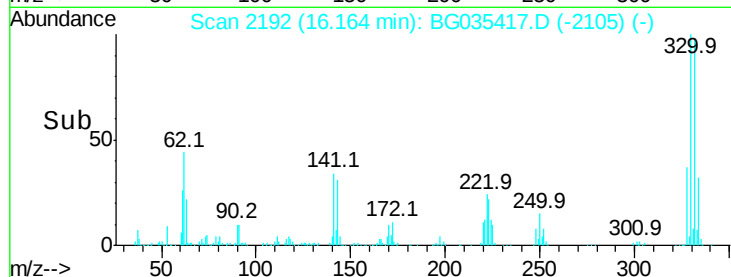
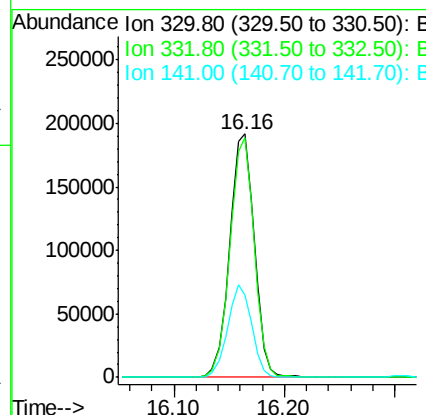
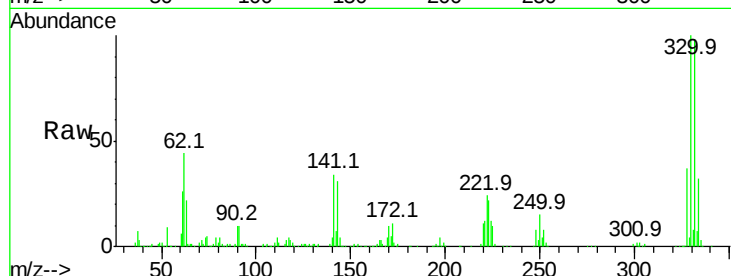
#41
 2,4,6-Tribromophenol
 Concen: 172.201 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	299941		
332	96.9	77.0	115.6	
141	37.0	25.2	37.8	

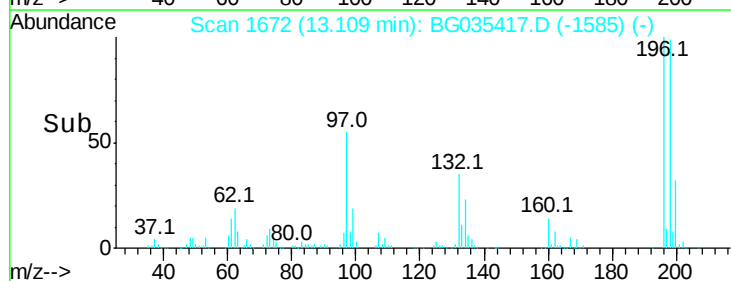
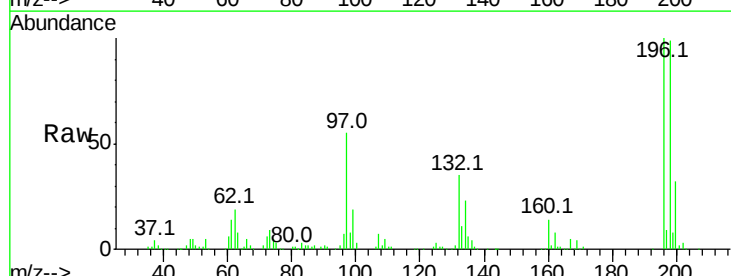
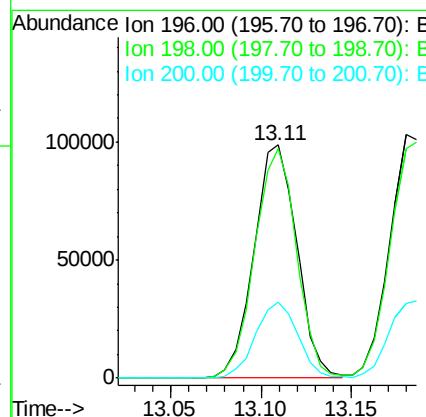
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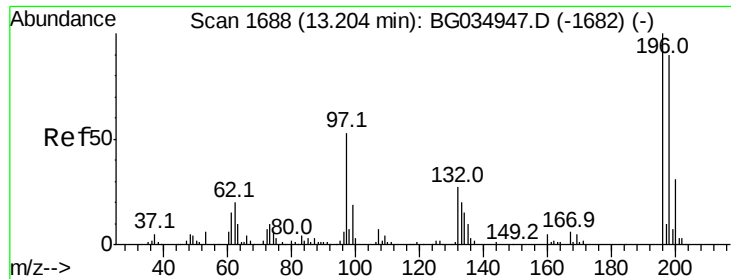
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#42
 2,4,6-Trichlorophenol
 Concen: 53.489 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162323		
198	98.7	78.2	117.2	
200	32.4	24.6	36.8	





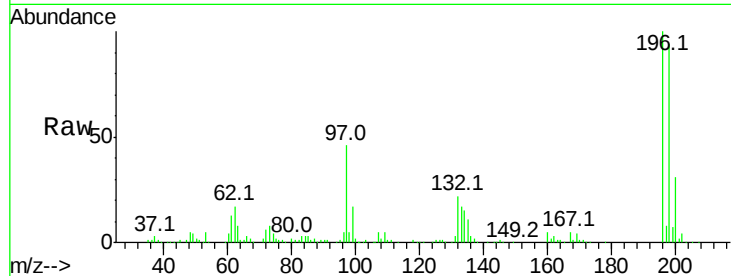
#43
 2,4,5-Trichlorophenol
 Concen: 52.393 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)MSD

Tot Ion:	196	Resp:	174511
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.2	114.4
97	46.1	38.7	58.1
132	22.1	20.2	30.2

Manual Integrations
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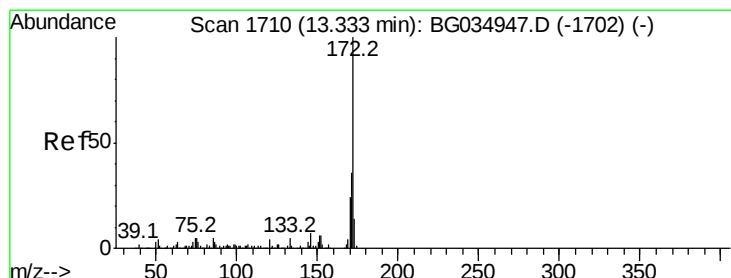
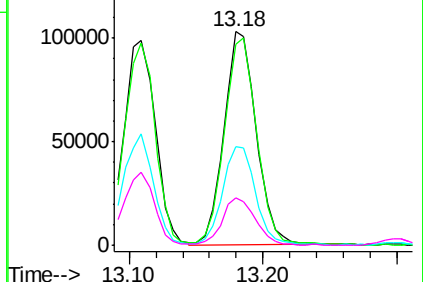
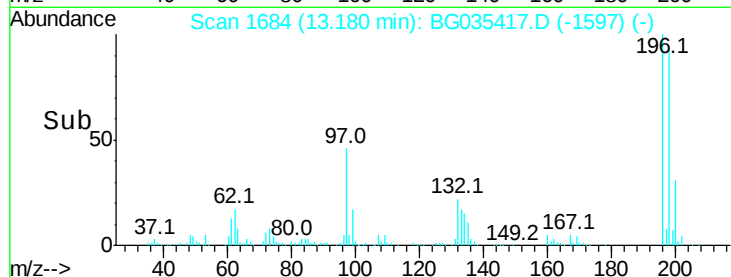
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

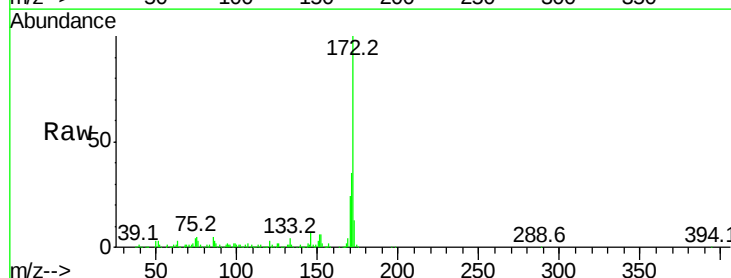
Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.435 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion:	172	Resp:	883740
Ion Ratio	Lower	Upper	
172	100		
171	35.2	30.0	45.0
170	23.8	19.5	29.3

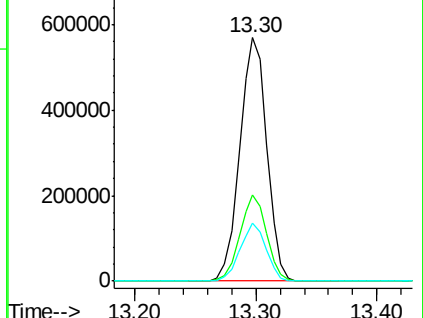
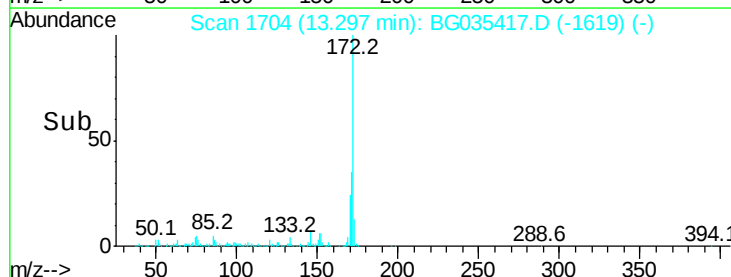


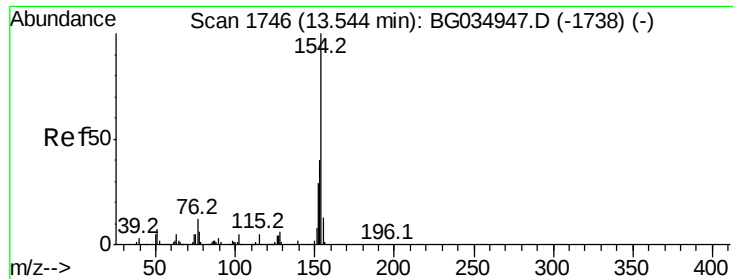
Abundance

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: 44.387 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

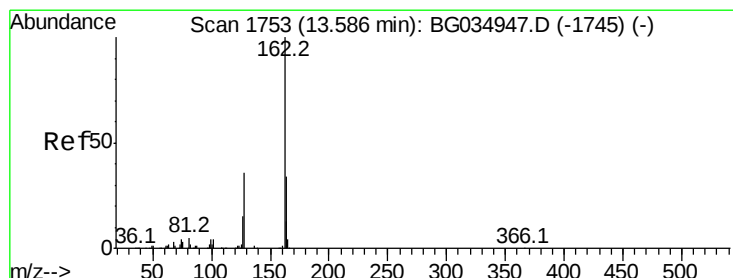
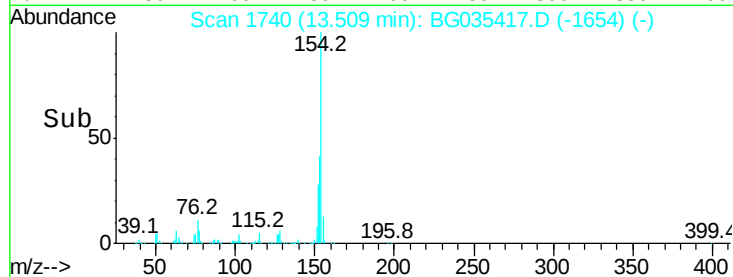
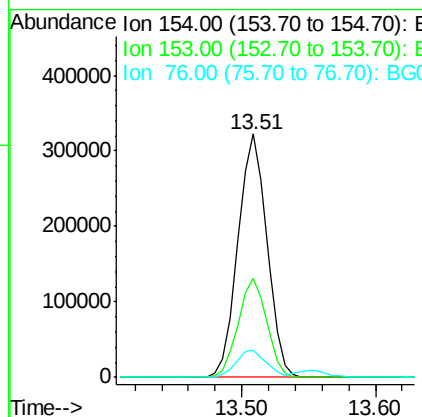
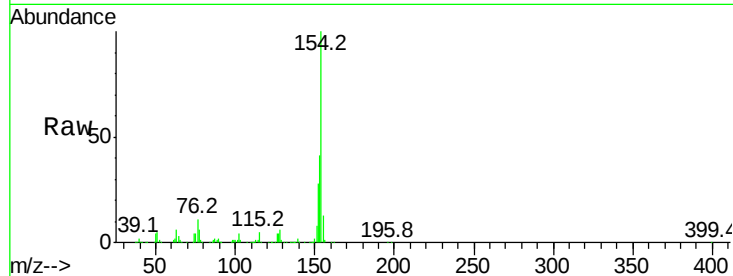
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	154	Resp:	485638
Ion Ratio	Lower	Upper	
154	100		
153	40.9	19.8	59.8
76	11.3	0.0	31.9

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6/27/2018 3:32:29 PM



#46

2-Chloronaphthalene

Concen: 46.149 ng

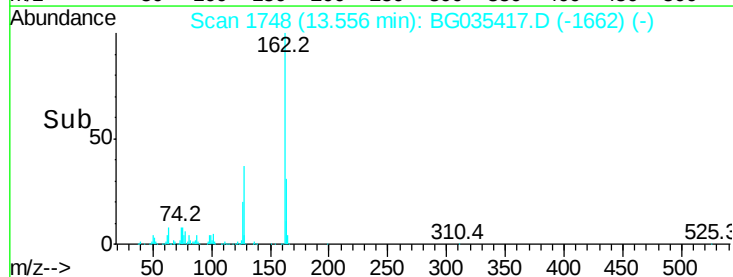
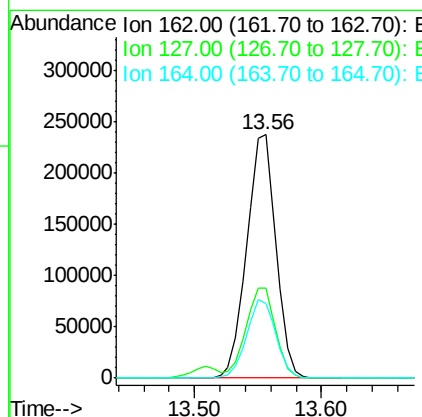
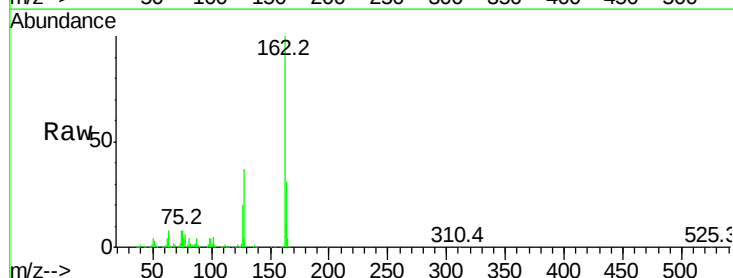
RT: 13.56 min Scan# 1748

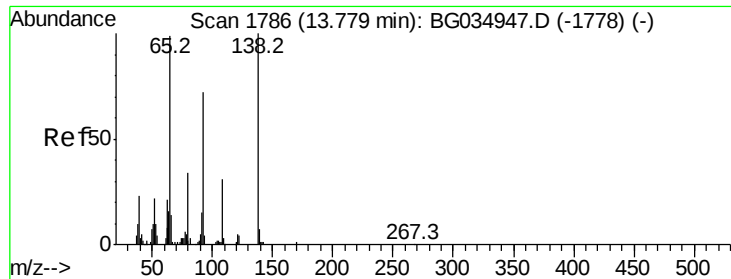
Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	162	Resp:	381747
Ion Ratio	Lower	Upper	
162	100		
127	37.2	30.7	46.1
164	30.9	26.0	39.0





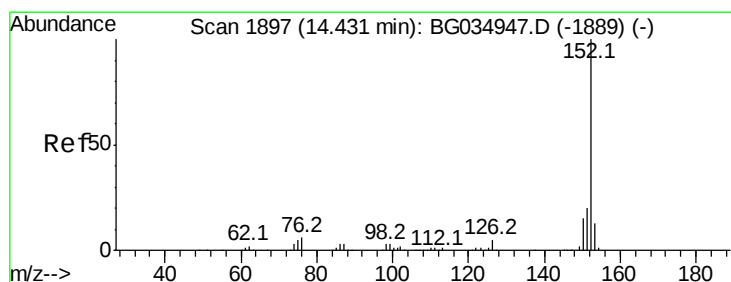
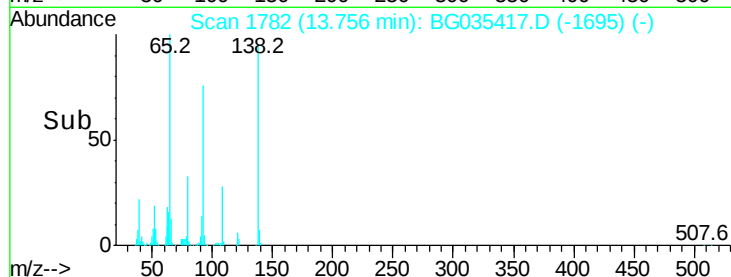
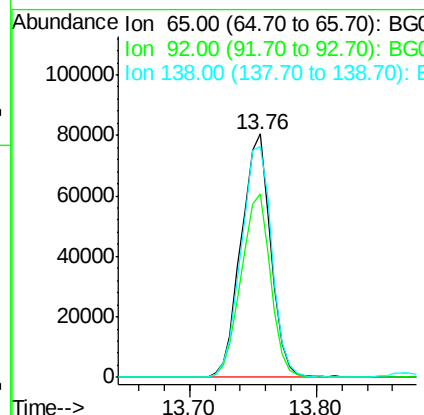
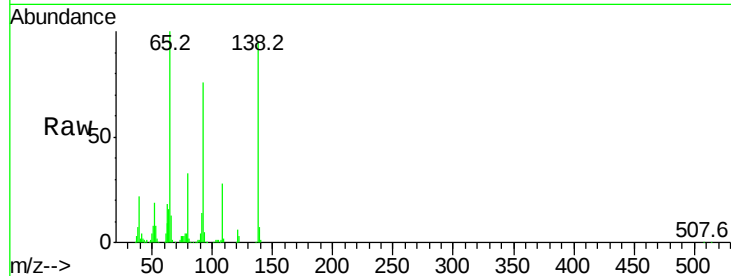
#47
2-Nitroaniline
Concen: 53.152 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.6	54.6	82.0
138	94.9	72.9	109.3

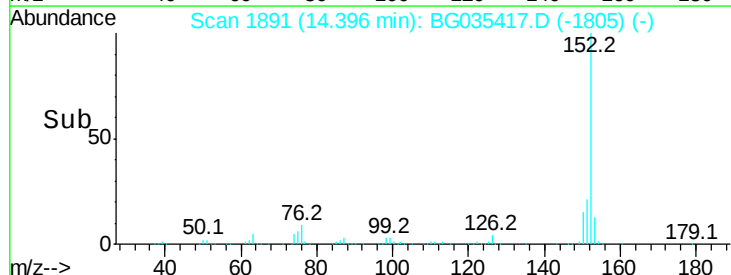
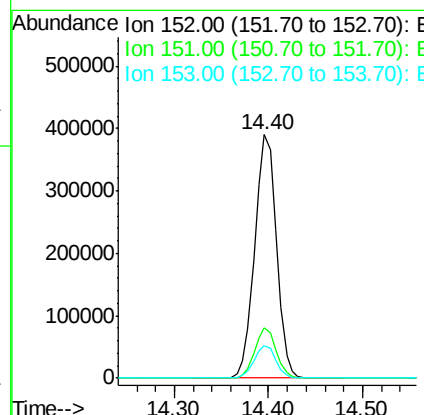
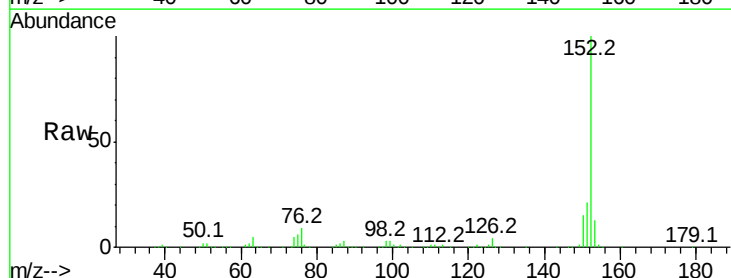
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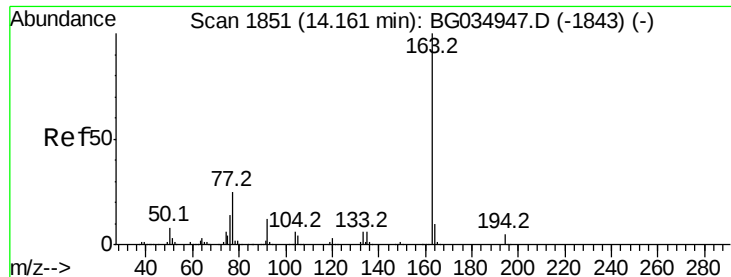
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#48
Acenaphthylene
Concen: 45.132 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.2	25.8
153	13.5	10.2	15.4





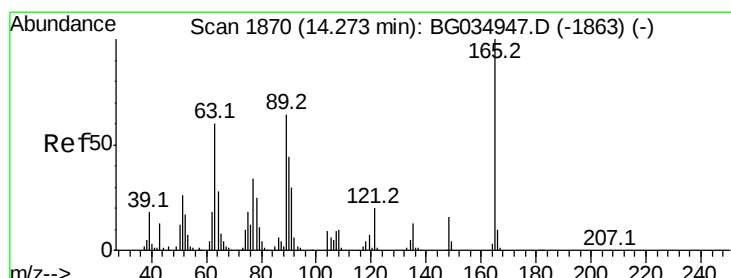
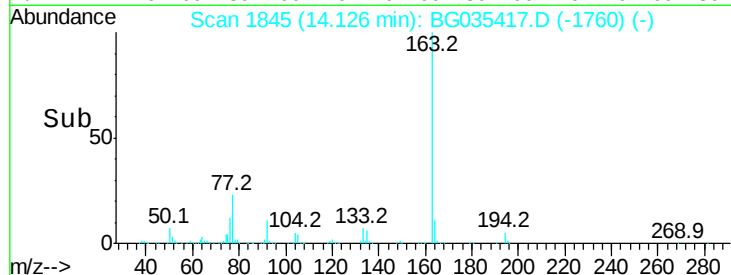
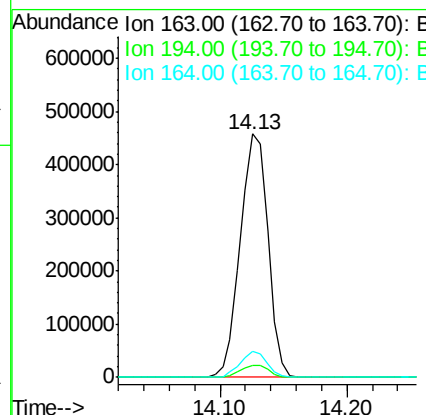
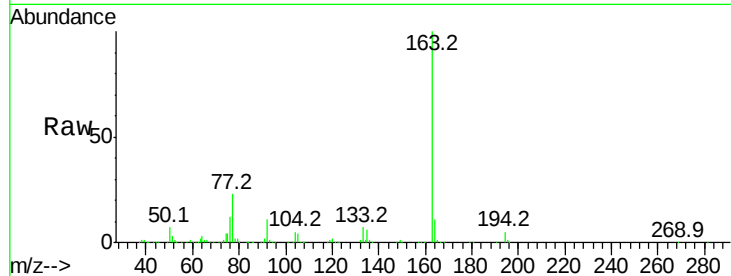
#49
Dimethylphthalate
Concen: 58.302 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	691775		
194	5.1		3.4	5.2
164	10.8		8.2	12.4

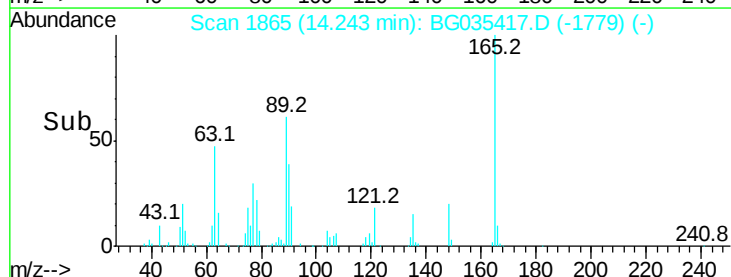
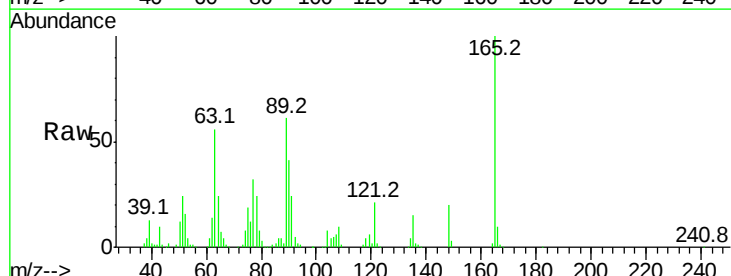
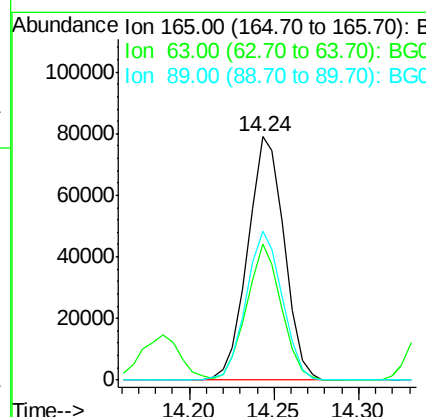
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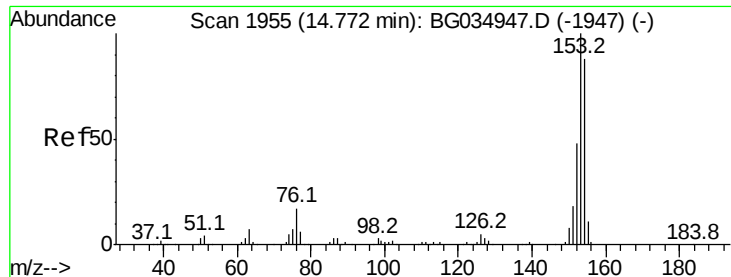
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#50
2,6-Dinitrotoluene
Concen: 54.730 ng
RT: 14.24 min Scan# 1865
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	118470		
63	56.0		52.7	79.1
89	61.3		49.2	73.8





#51

Acenaphthene

Concen: 41.797 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

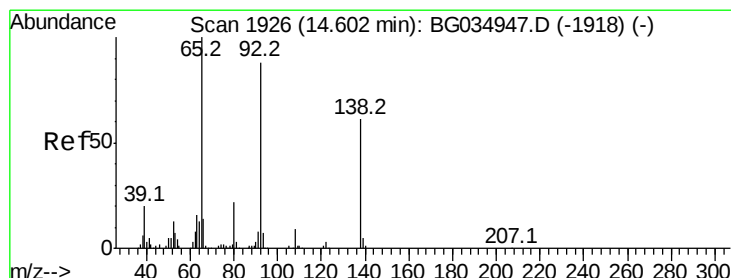
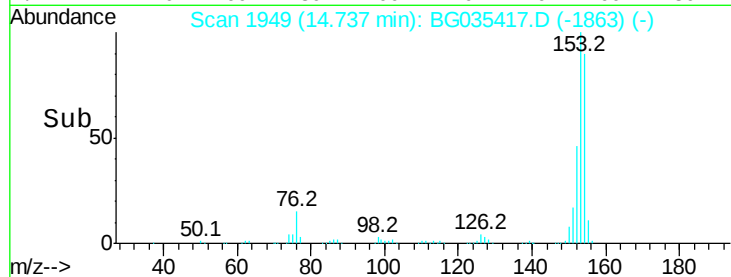
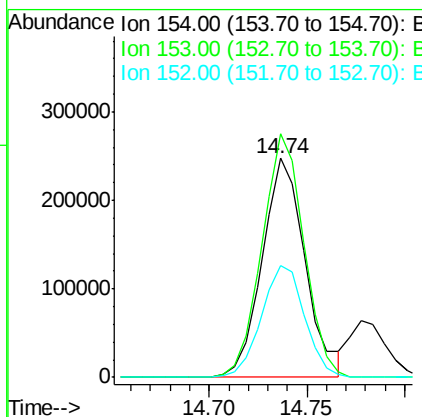
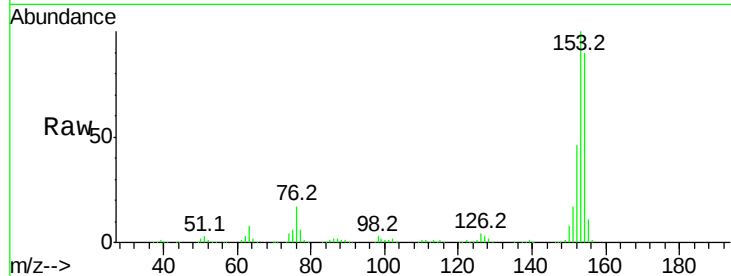
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	154	Resp:	378790
Ion Ratio	Lower	Upper	
154	100		
153	111.2	90.4	135.6
152	51.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 40.671 ng

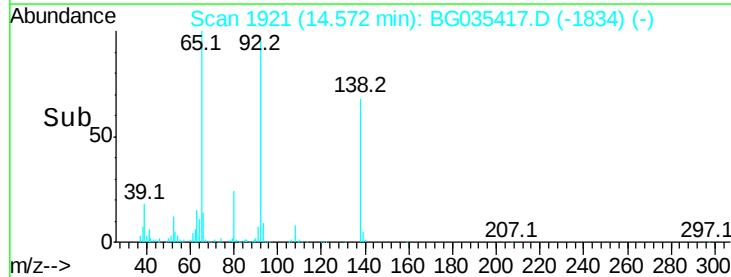
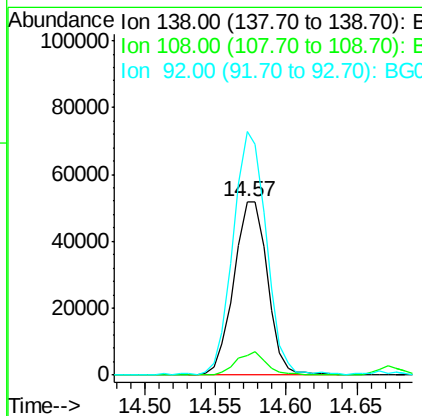
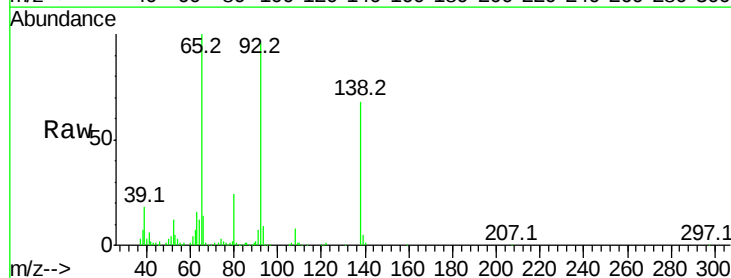
RT: 14.57 min Scan# 1921

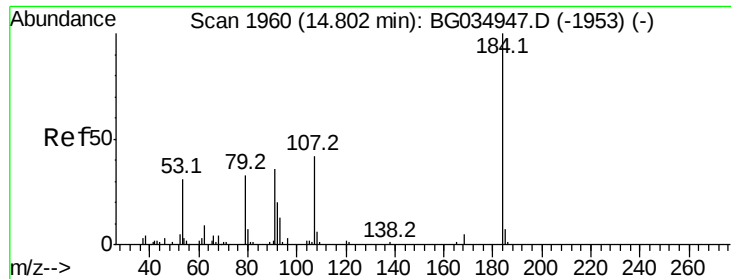
Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	138	Resp:	86388
Ion Ratio	Lower	Upper	
138	100		
108	11.2	17.5	26.3#
92	140.4	105.8	158.8





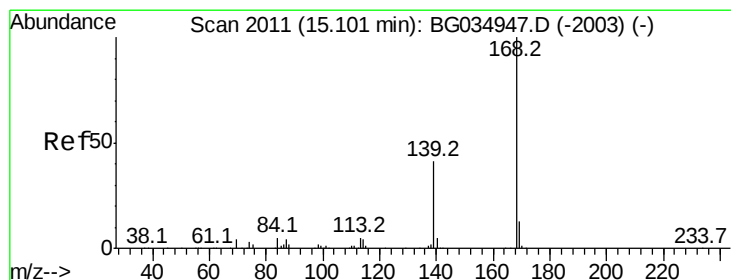
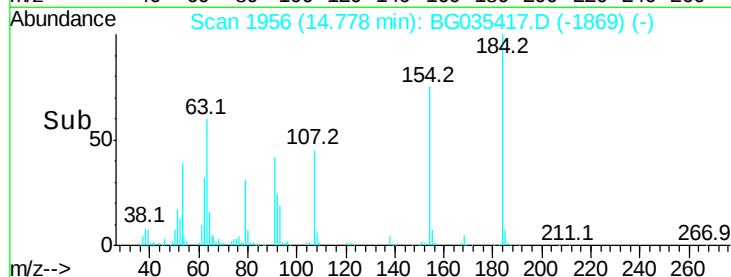
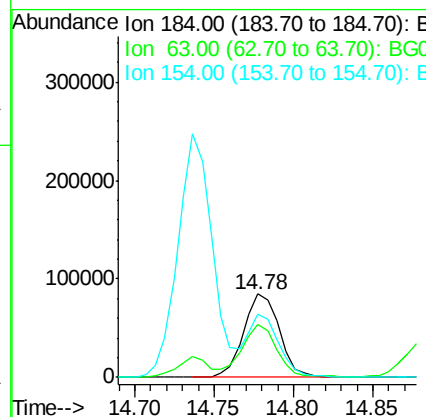
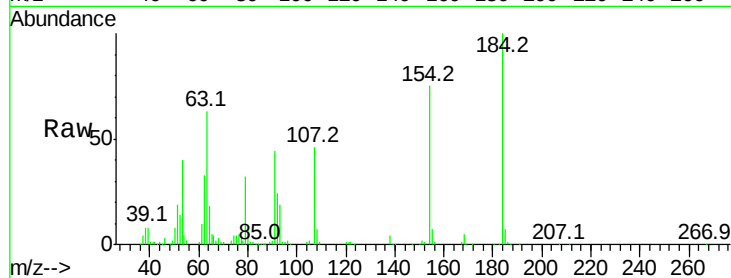
#53
2,4-Dinitrophenol
Concen: 150.976 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.3	59.8	89.8
154	75.5	101.8	152.8#

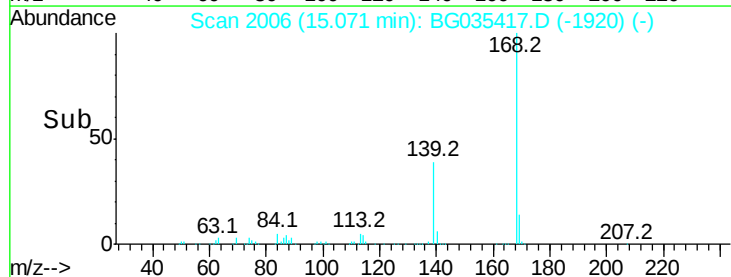
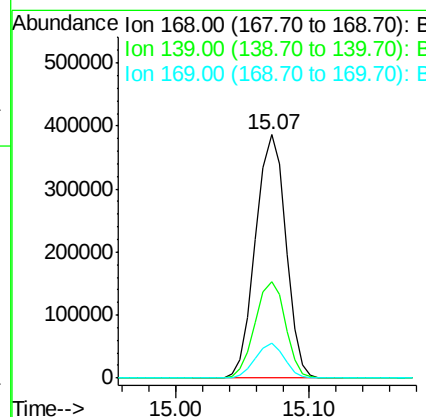
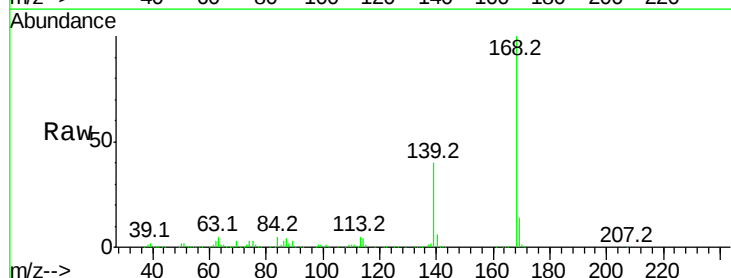
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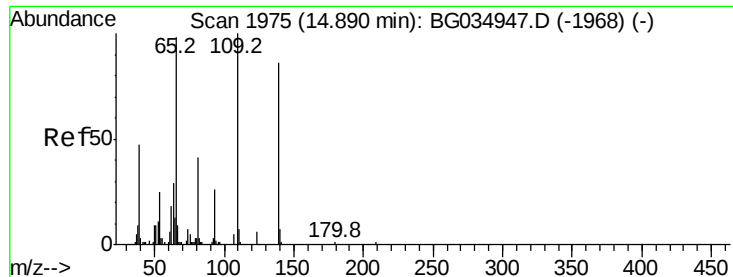
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#54
Dibenzofuran
Concen: 44.527 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	28.6	43.0
169	14.4	11.2	16.8





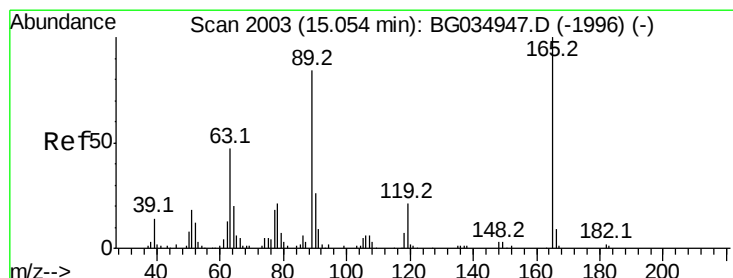
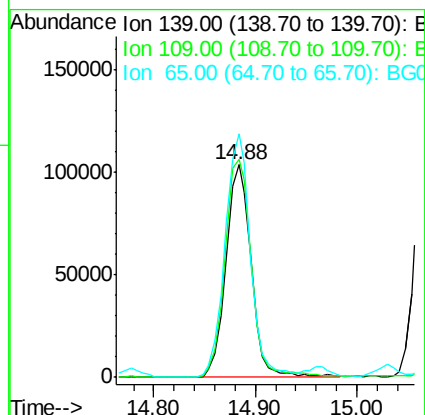
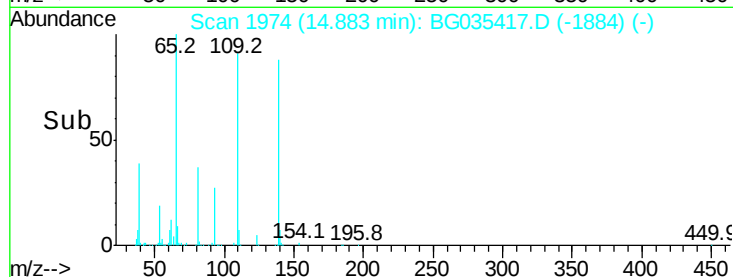
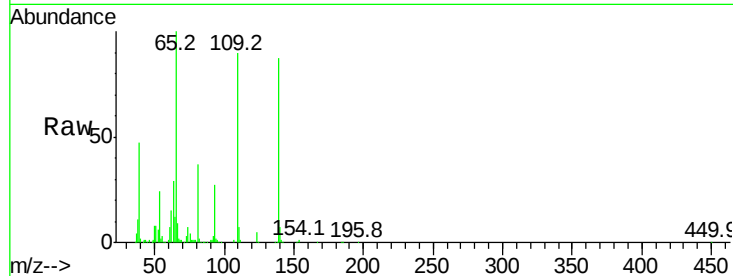
#55
4-Nitrophenol
Concen: 100.063 ng
RT: 14.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion:139 Resp: 179376
Ion Ratio Lower Upper
139 100
109 102.7 62.2 102.2#
65 114.6 97.2 137.2

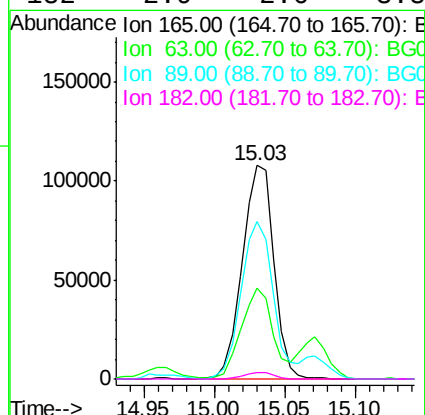
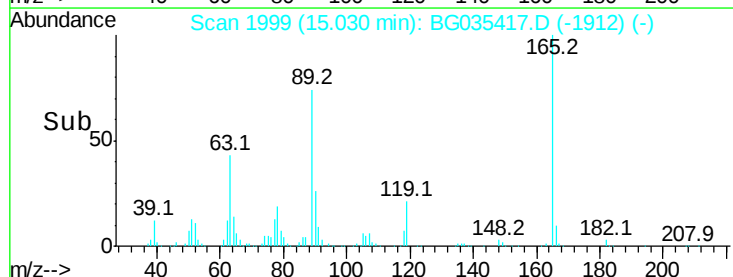
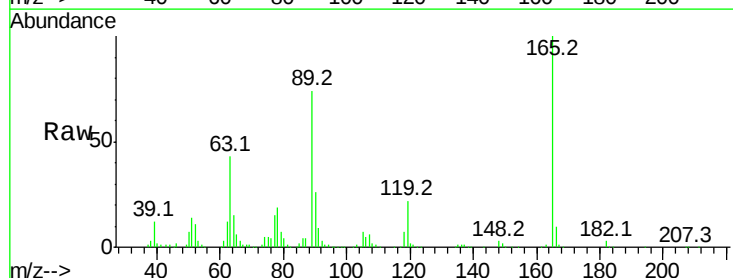
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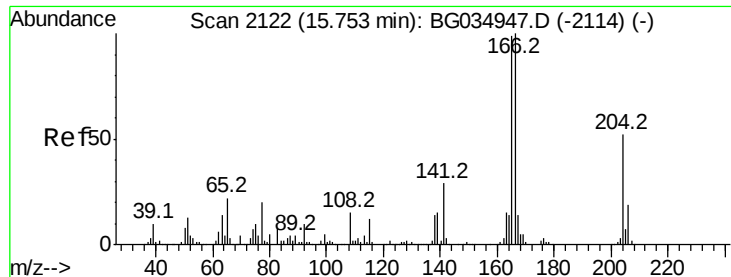
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#56
2,4-Dinitrotoluene
Concen: 58.749 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion:165 Resp: 168930
Ion Ratio Lower Upper
165 100
63 42.6 42.0 63.0
89 74.0 66.9 100.3
182 2.9 2.6 3.8





#57

Fluorene

Concen: 43.866 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:166 Resp: 497588

Ion Ratio Lower Upper

166 100

165 98.2 80.6 121.0

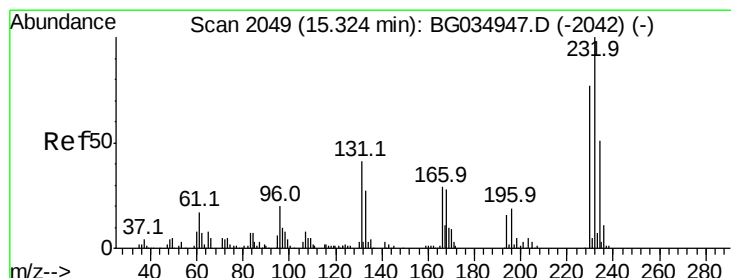
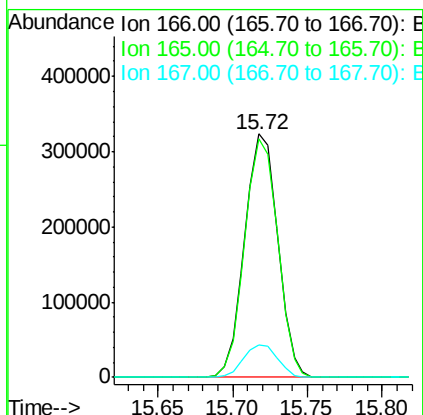
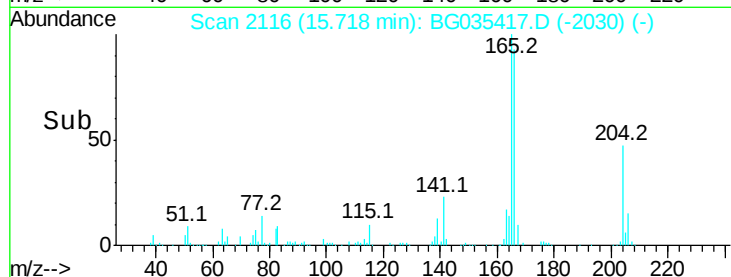
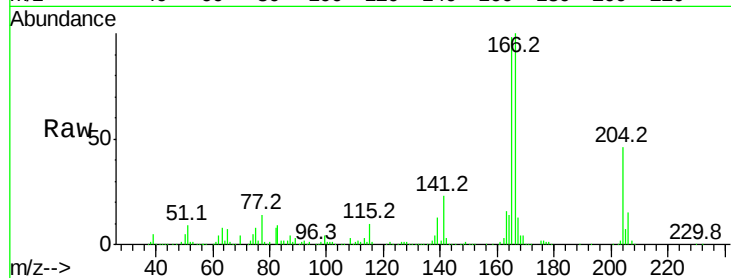
167 13.1 10.4 15.6

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.240 ng

RT: 15.29 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:232 Resp: 181980

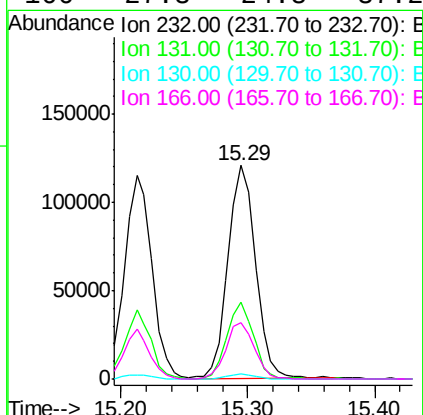
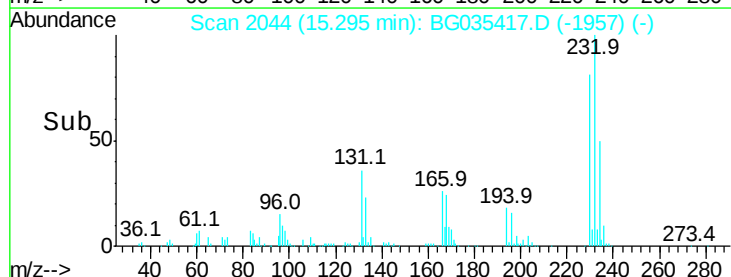
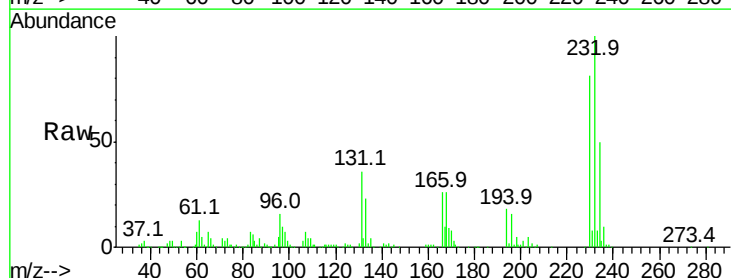
Ion Ratio Lower Upper

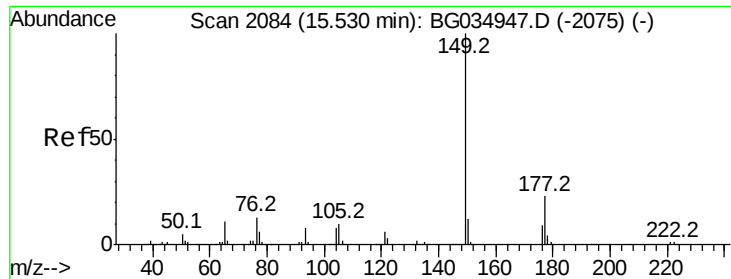
232 100

131 35.0 33.5 50.3

130 2.2 2.2 3.2

166 27.3 24.8 37.2





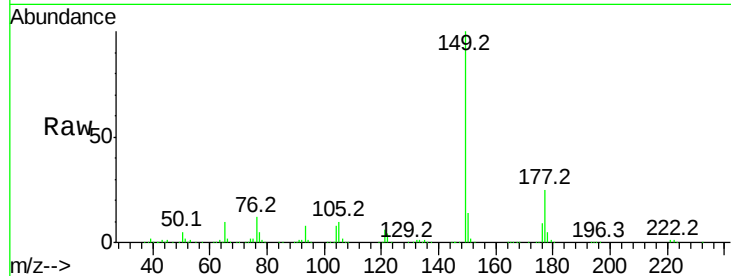
#59
Diethylphthalate
Concen: 41.912 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.5	27.7
150	13.8	10.2	15.2

Manual Integrations
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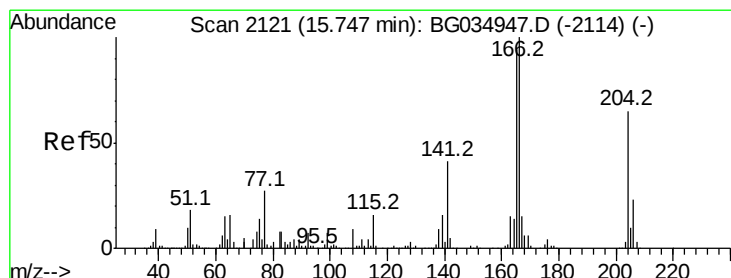
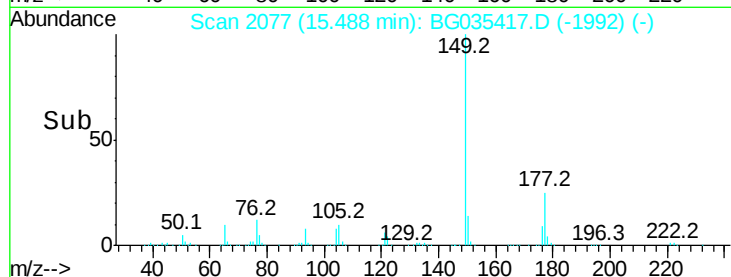
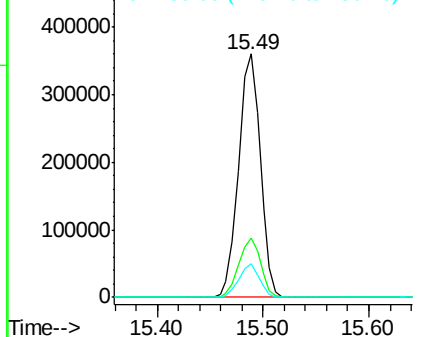


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 45.325 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

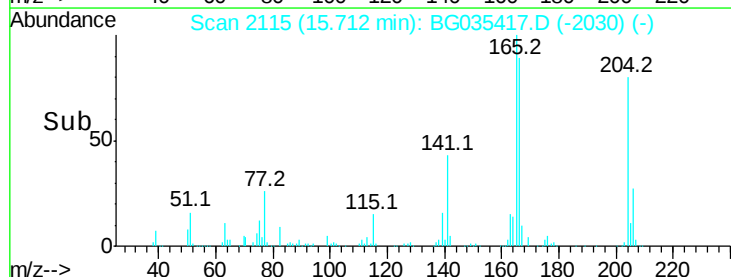
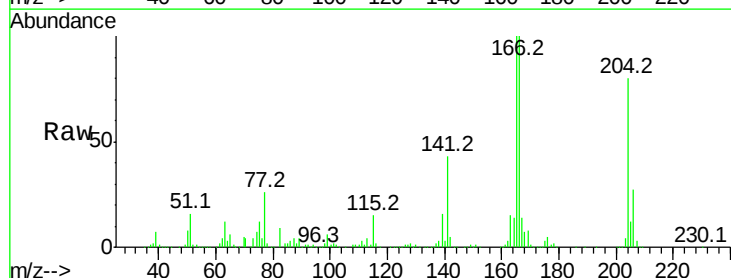
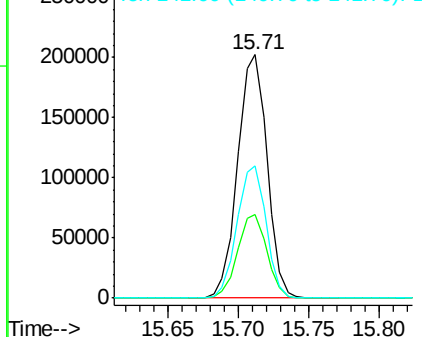
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	54.5	45.8	68.6

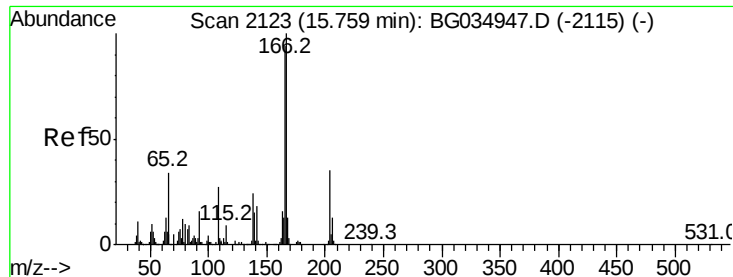
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 52.528 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

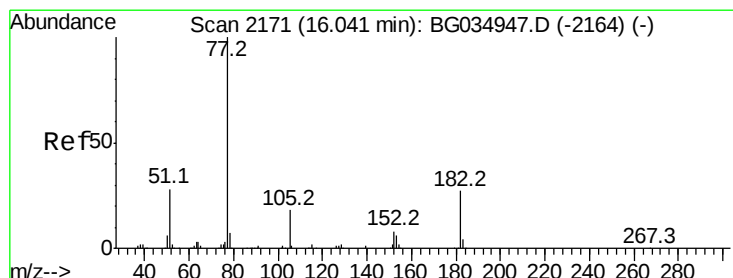
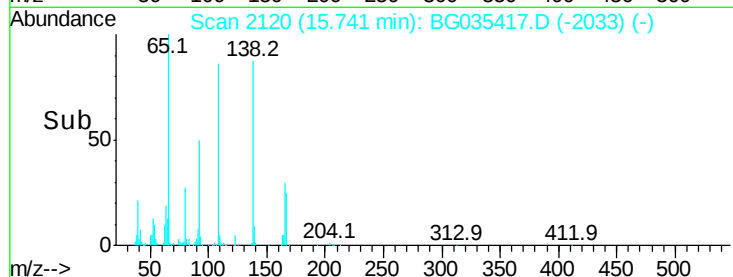
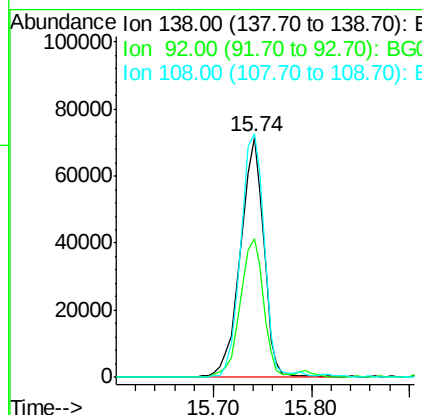
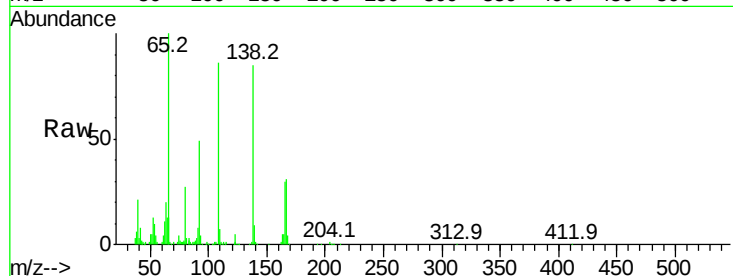
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	138	Resp:	119655
Ion Ratio	Lower	Upper	
138	100		
92	57.7	40.1	80.1
108	101.3	65.4	105.4

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6/27/2018 3:32:29 PM



#62

Azobenzene

Concen: 41.967 ng

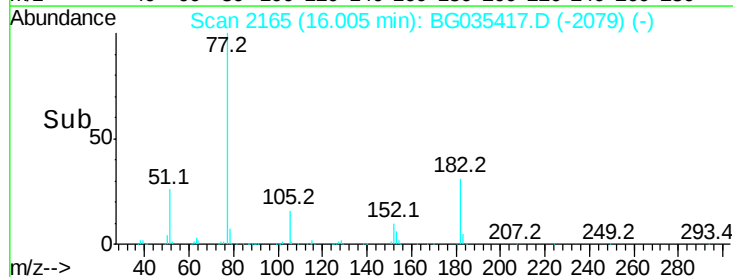
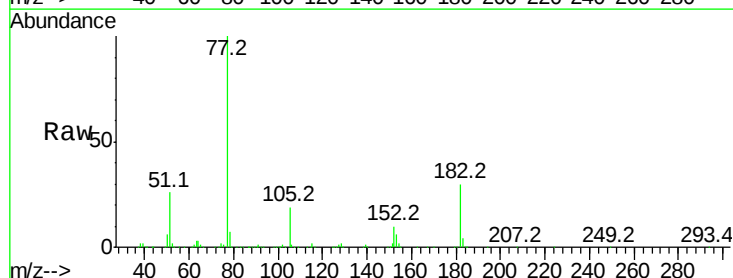
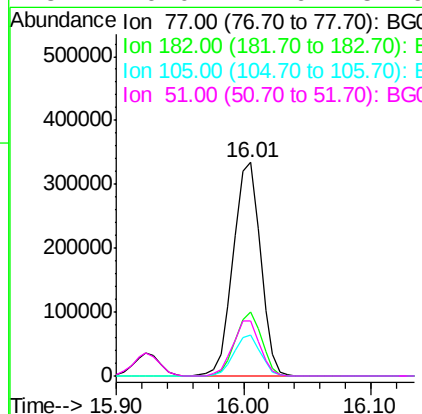
RT: 16.01 min Scan# 2165

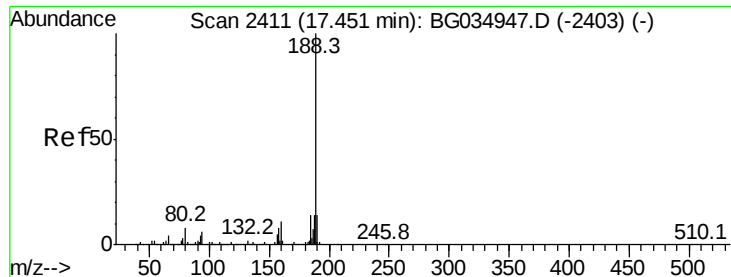
Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	77	Resp:	497838
Ion Ratio	Lower	Upper	
77	100		
182	29.9	7.4	47.4
105	18.9	0.3	40.3
51	26.0	11.6	51.6





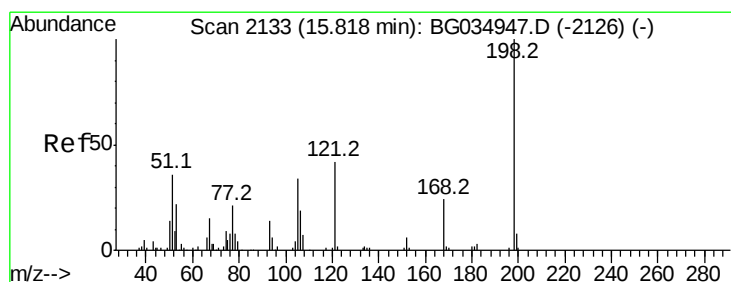
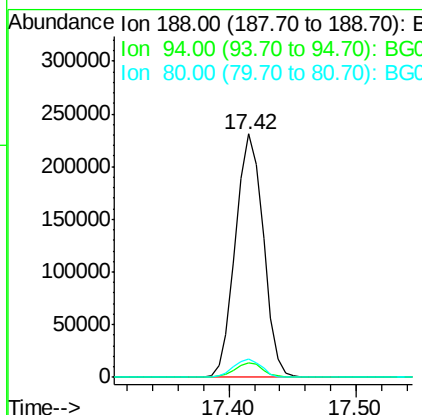
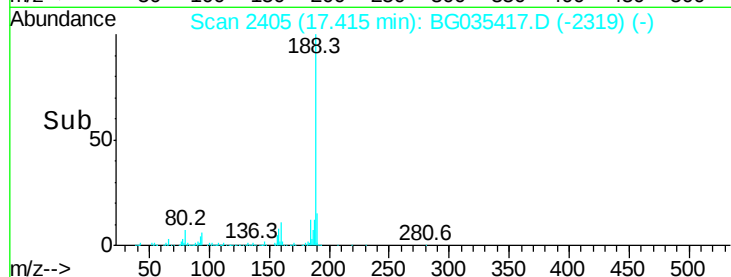
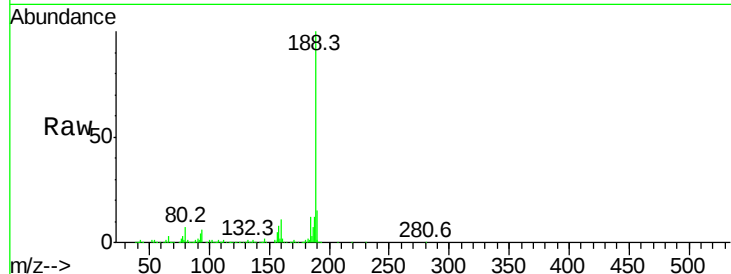
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.8	6.9	10.3#
80	7.4	7.7	11.5#

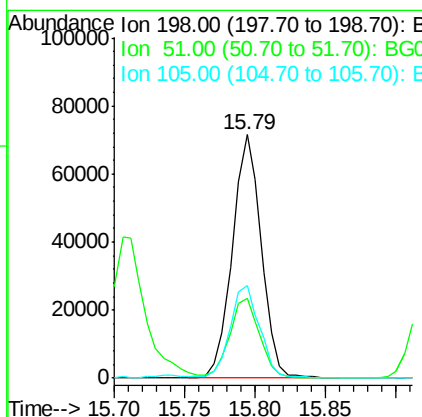
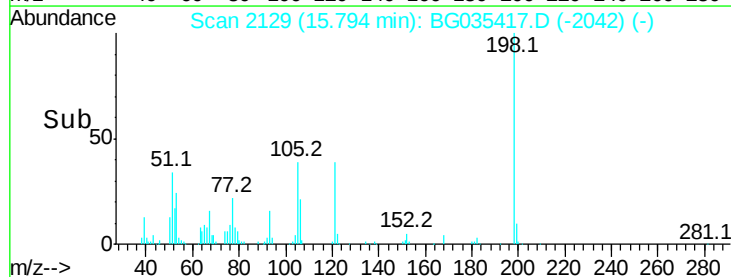
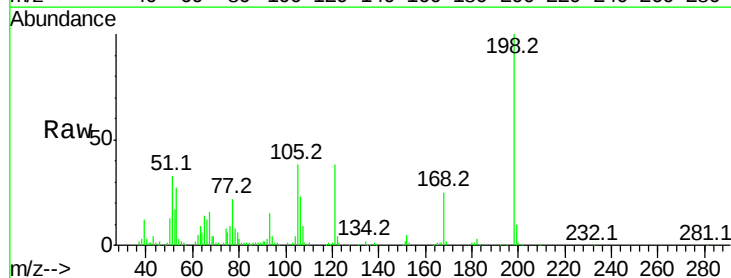
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#64
4,6-Dinitro-2-methylphenol
Concen: 63.282 ng
RT: 15.79 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	32.9	30.6	70.6
105	37.8	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 42.765 ng

RT: 15.92 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

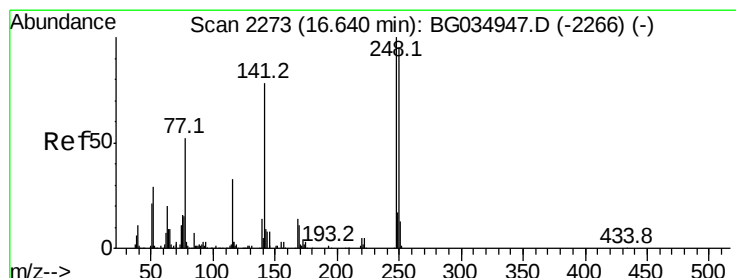
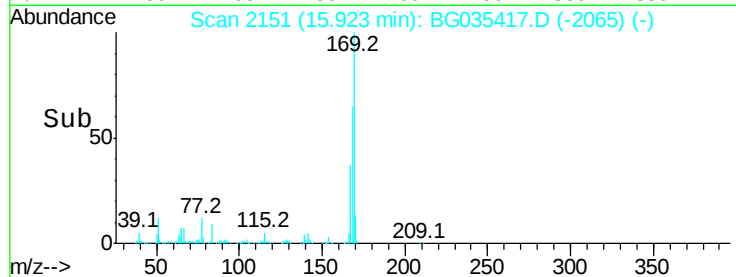
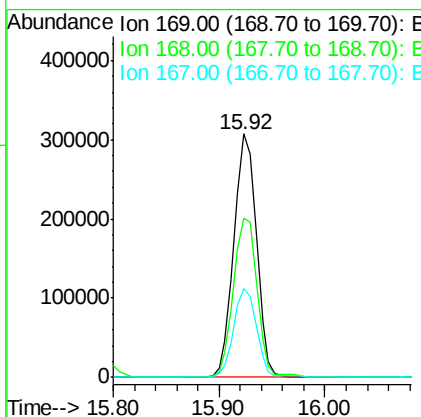
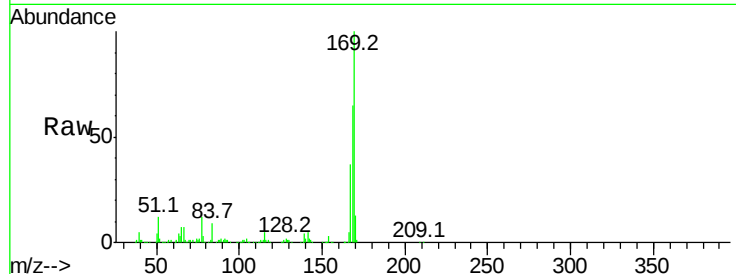
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	169	Resp:	451759
Ion Ratio	Lower	Upper	
169	100		
168	65.1	55.7	83.5
167	36.7	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 46.782 ng

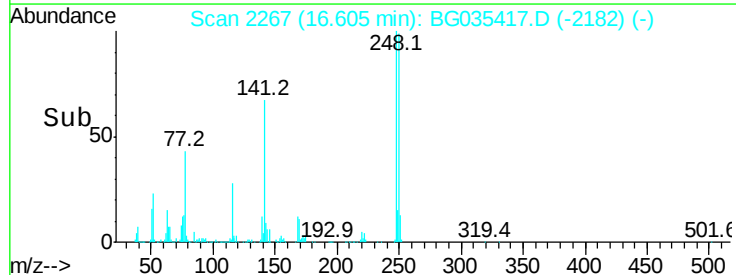
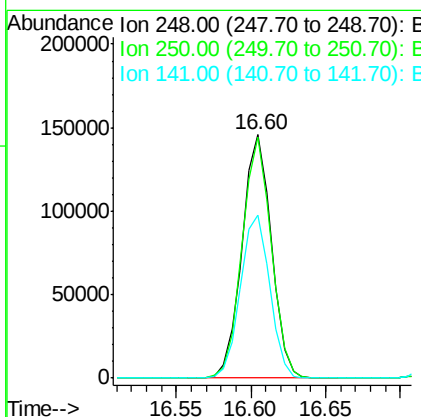
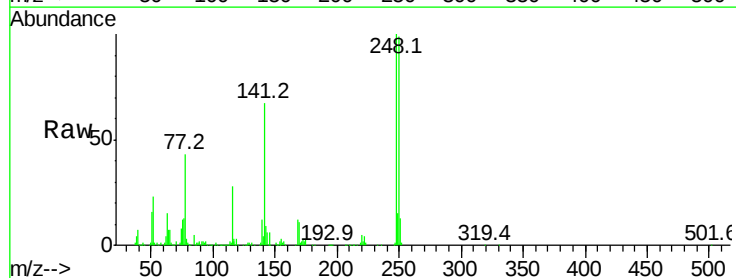
RT: 16.60 min Scan# 2267

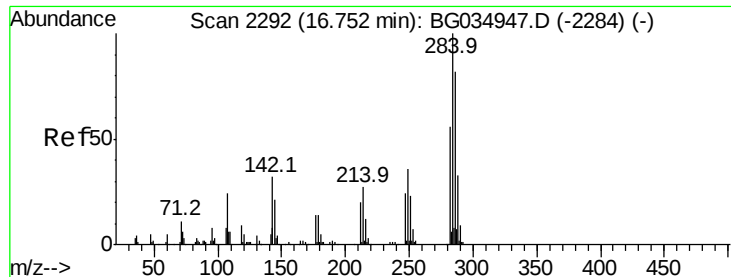
Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	248	Resp:	198170
Ion Ratio	Lower	Upper	
248	100		
250	98.9	77.1	115.7
141	67.1	50.8	76.2





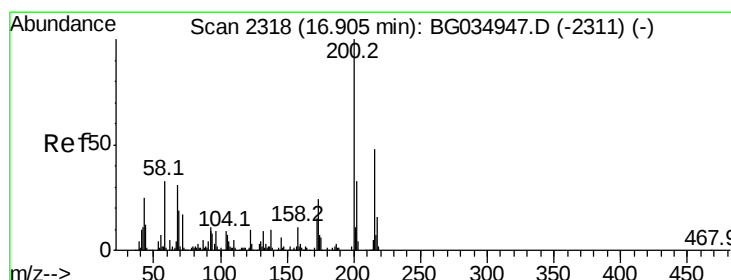
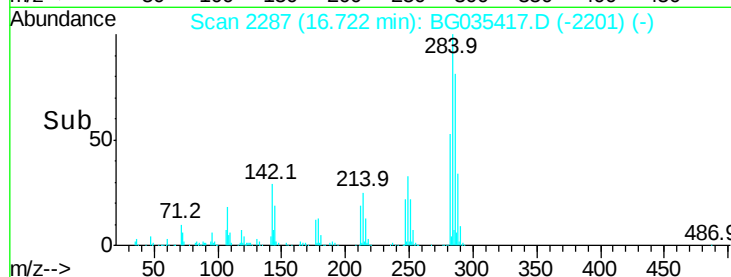
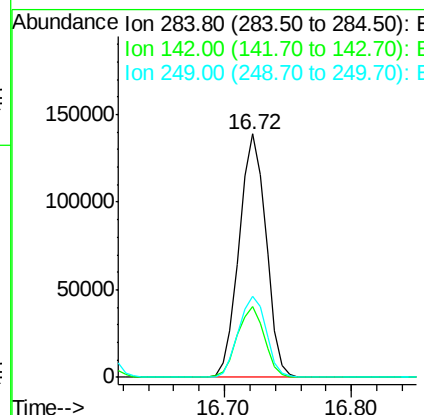
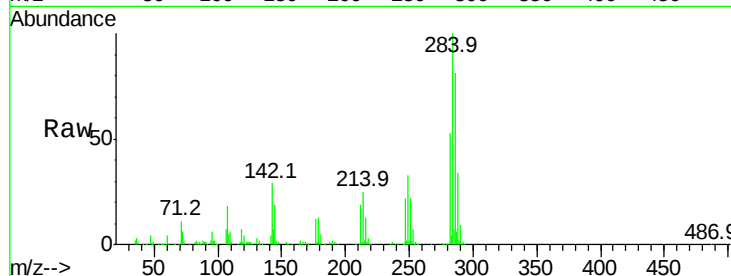
#67
Hexachlorobenzene
Concen: 47.109 ng
RT: 16.72 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	203114		
142	28.9	26.8	40.2	
249	33.4	26.3	39.5	

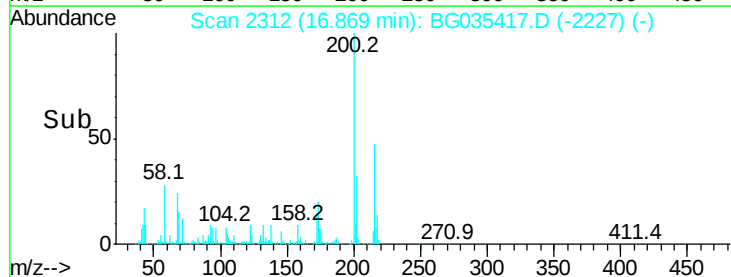
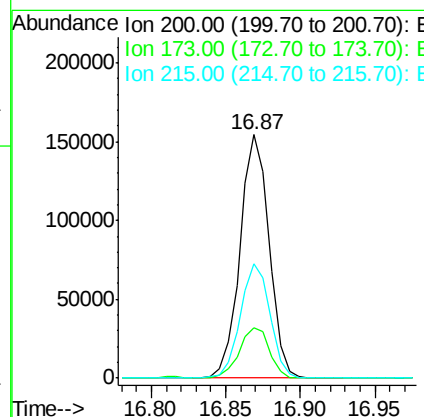
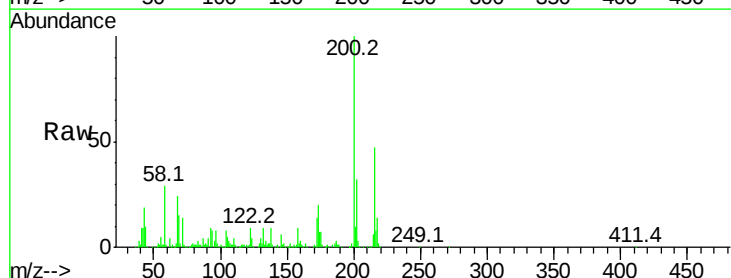
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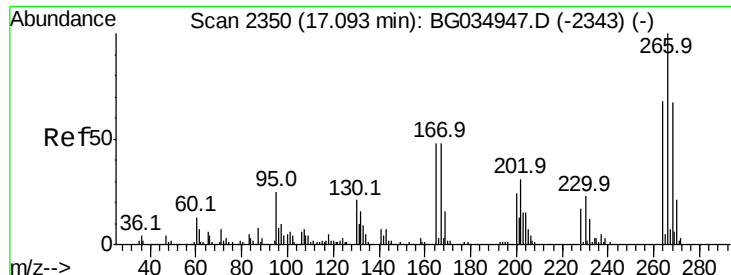
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#68
Atrazine
Concen: 46.326 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	208692		
173	20.4	5.2	45.2	
215	47.1	30.4	70.4	





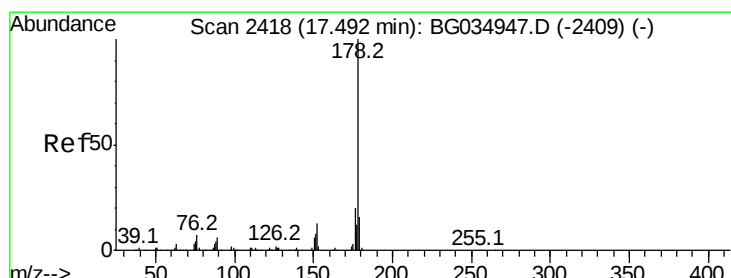
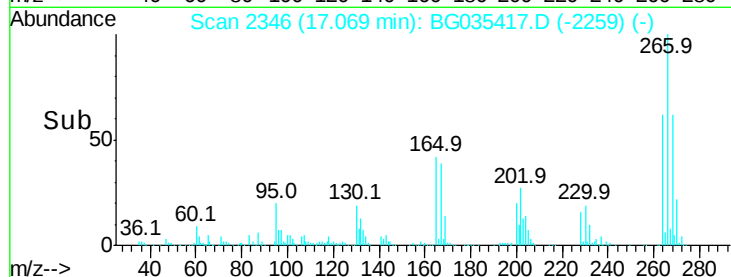
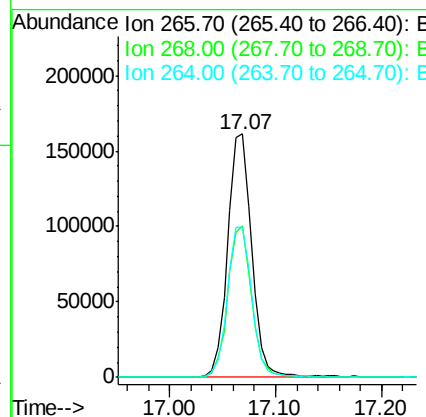
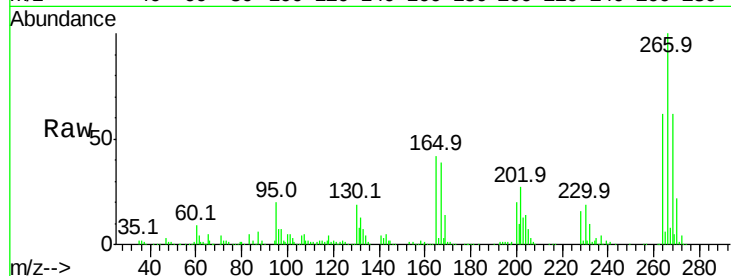
#69
 Pentachlorophenol
 Concen: 87.764 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)MSD

Tot Ion:	266	Resp:	254447
Ion Ratio	Lower	Upper	
266	100		
268	62.2	51.1	76.7
264	61.5	49.6	74.4

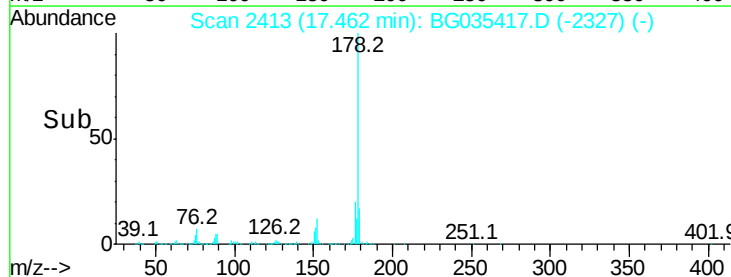
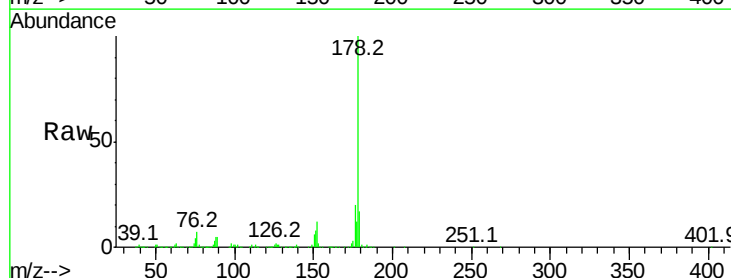
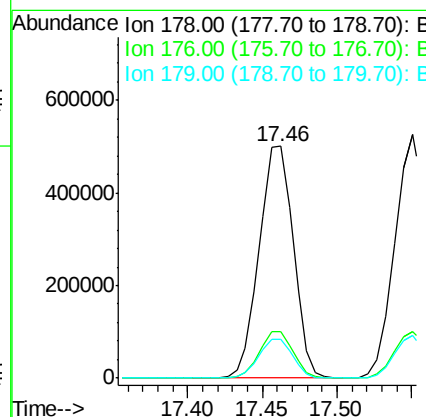
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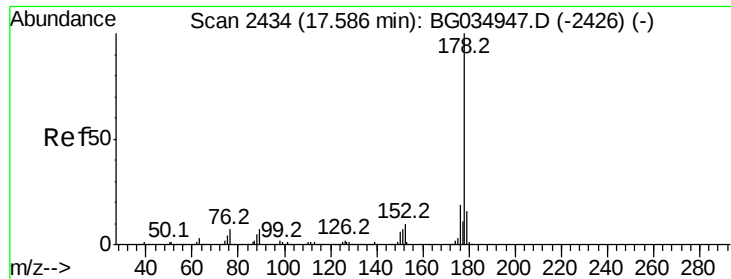
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#70
 Phenanthrene
 Concen: 44.360 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion:	178	Resp:	792655
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.7	23.5
179	16.8	12.5	18.7





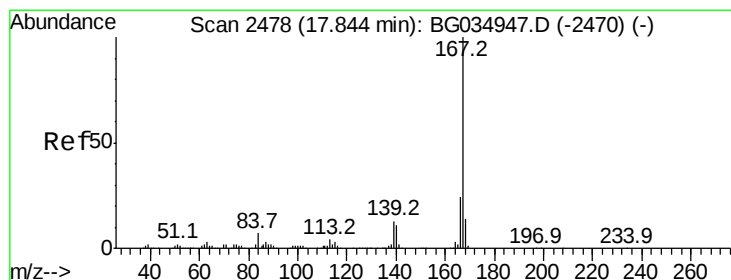
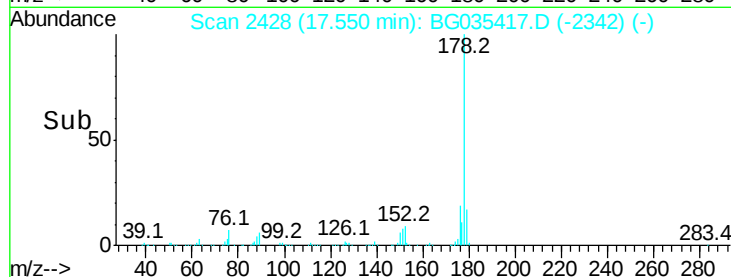
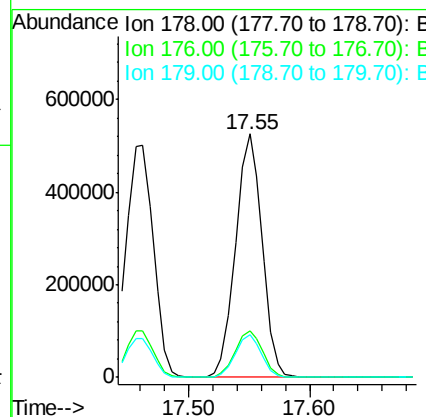
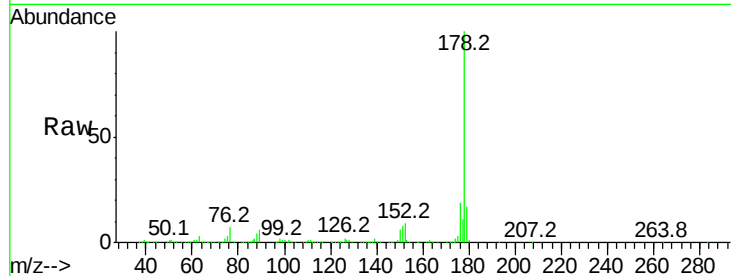
#71
 Anthracene
 Concen: 44.847 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	17.3	12.5	18.7

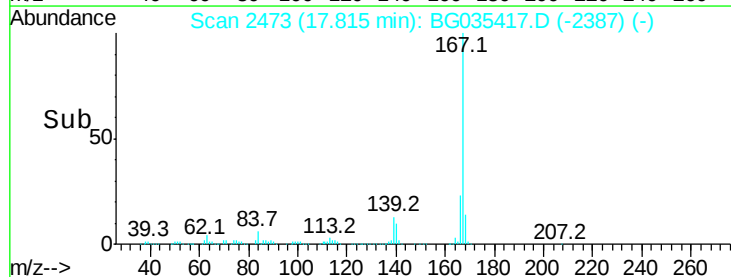
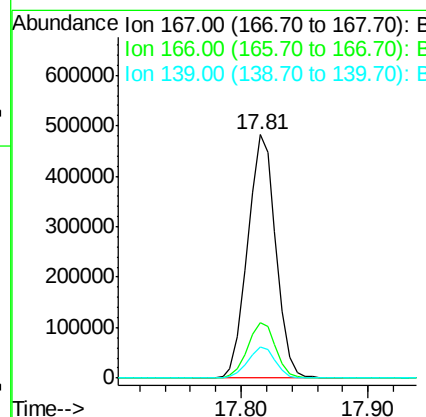
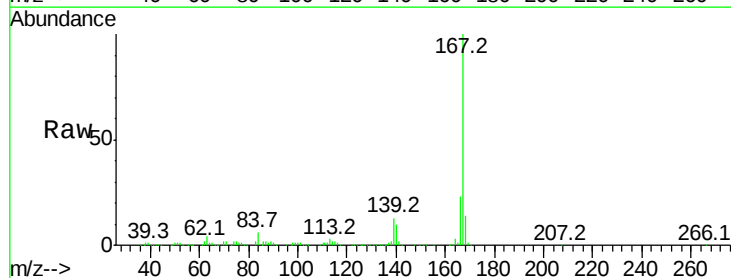
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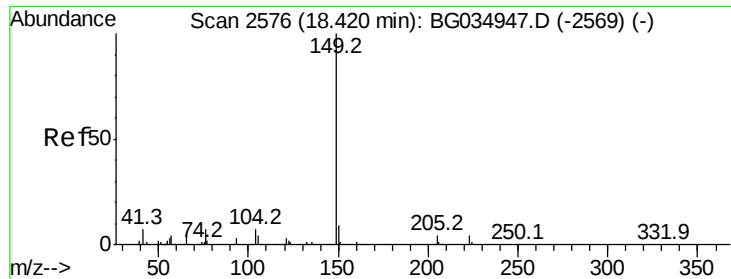
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#72
 Carbazole
 Concen: 44.600 ng
 RT: 17.81 min Scan# 2473
 Delta R.T. -0.02 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	12.9	9.4	14.2





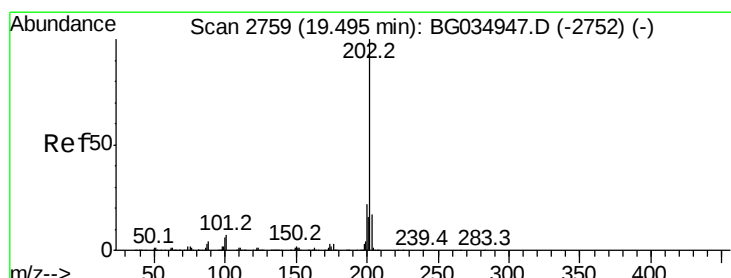
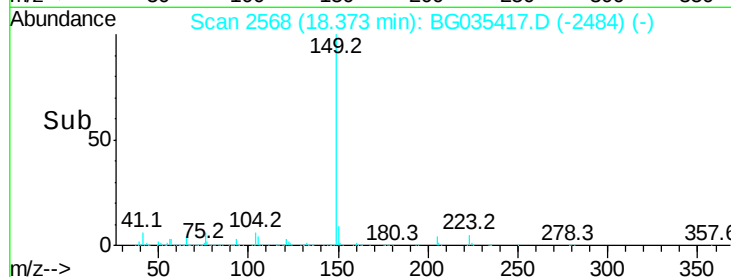
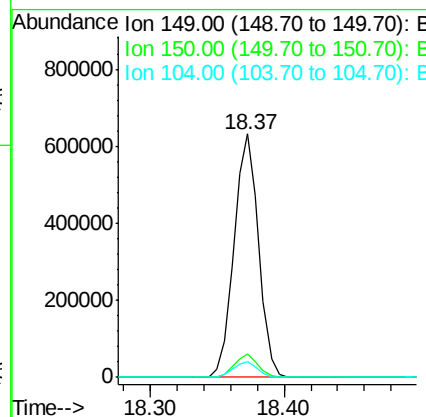
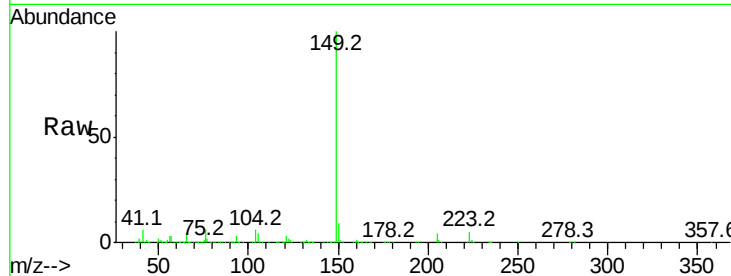
#73
Di-n-butylphthalate
Concen: 40.812 ng
RT: 18.37 min Scan# 2568
Delta R.T. -0.04 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.8	11.6	
104	6.5	3.9	5.9	

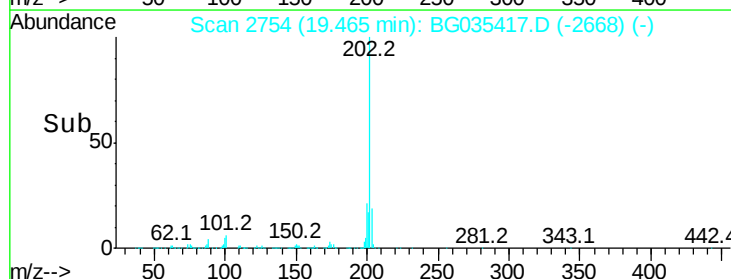
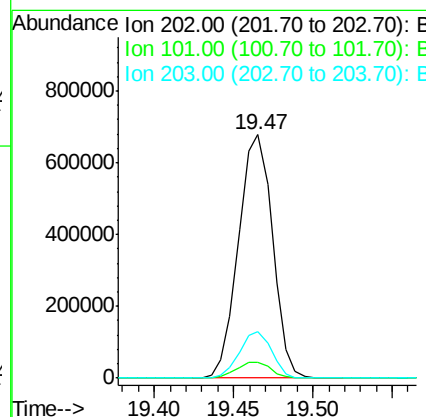
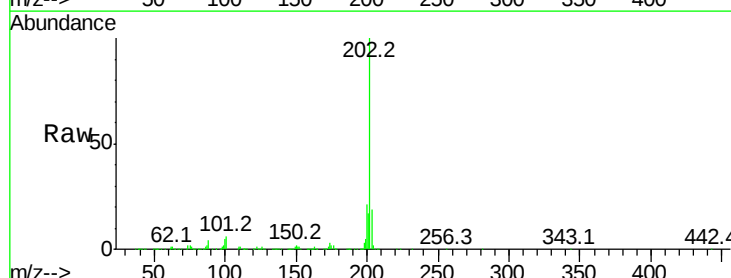
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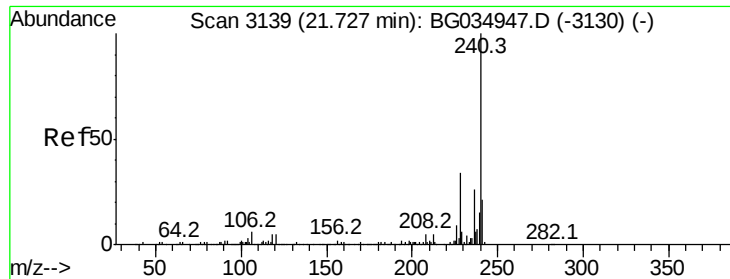
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#74
Fluoranthene
Concen: 43.399 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	6.5	0.0	28.9	
203	19.0	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

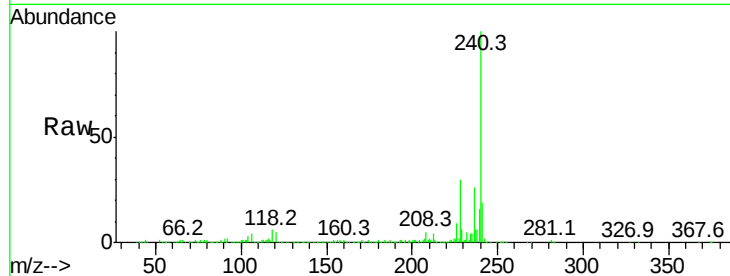
ClientSampleId :

EPE-105-4(95-97)MSD

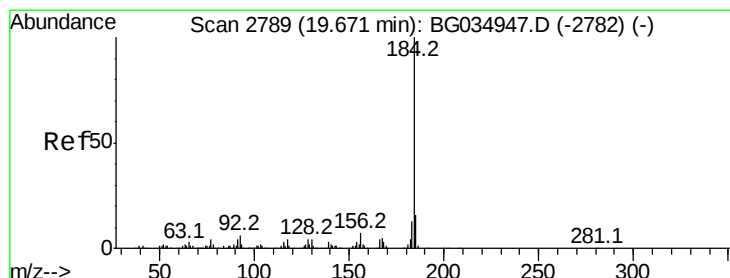
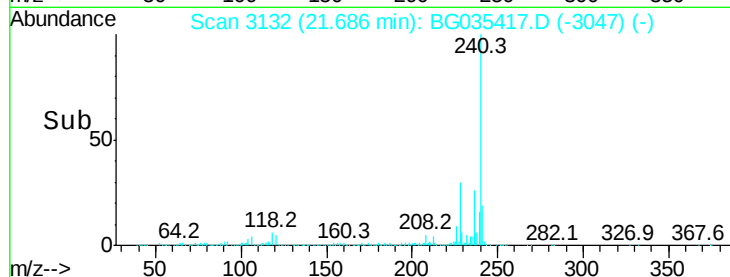
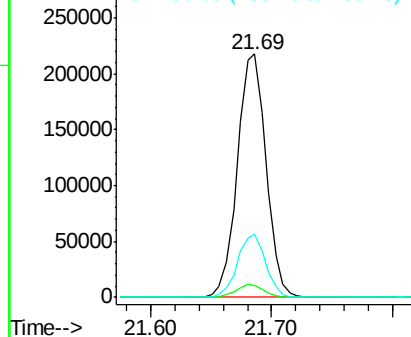
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	25.8	20.9	31.3

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



#76

Benzidine

Concen: 48.832 ng

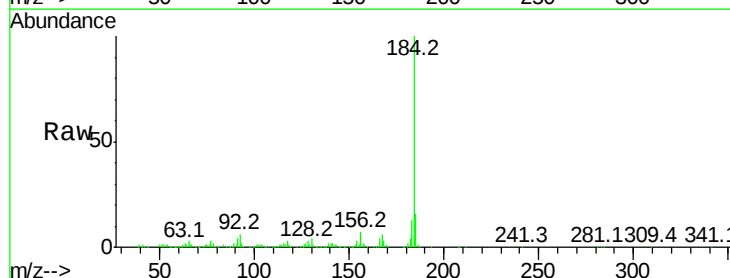
RT: 19.64 min Scan# 2784

Delta R.T. -0.02 min

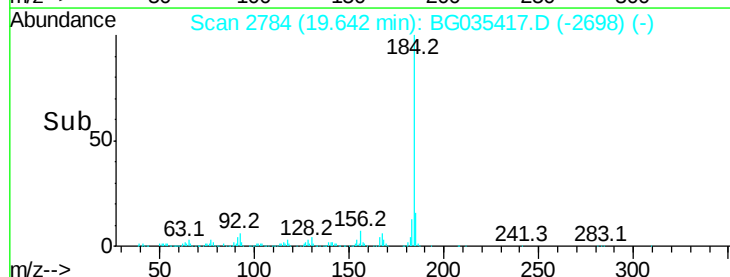
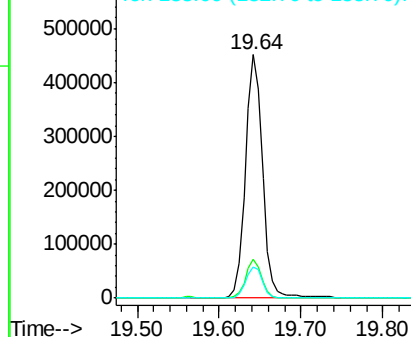
Lab File: BG035417.D

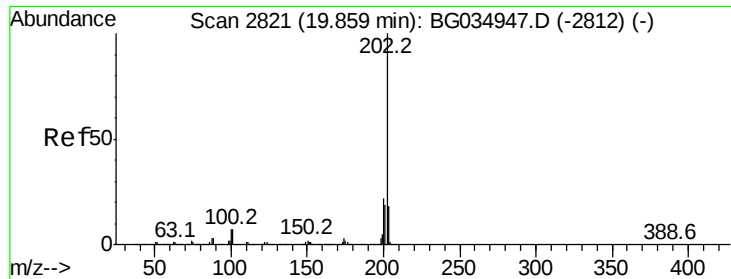
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	12.9	10.6	16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





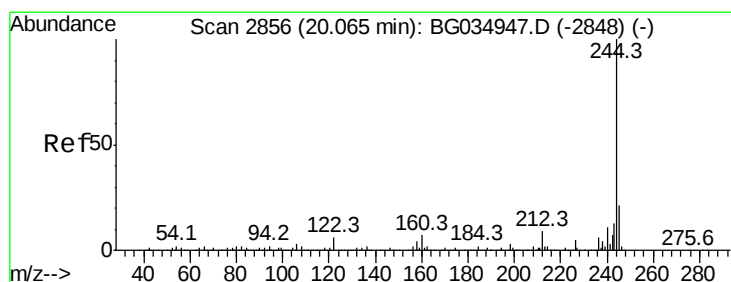
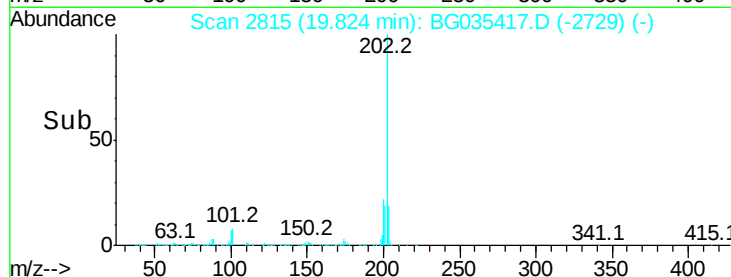
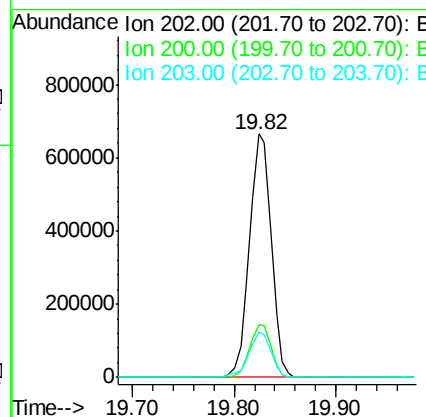
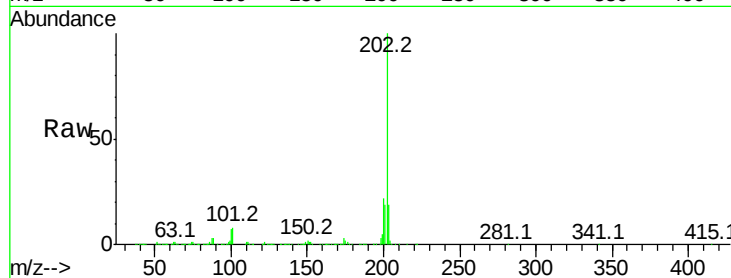
#77
Pvrene
Concen: 41.715 ng
RT: 19.82 min Scan# 2815
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	16.9	25.3
203	18.8	13.9	20.9

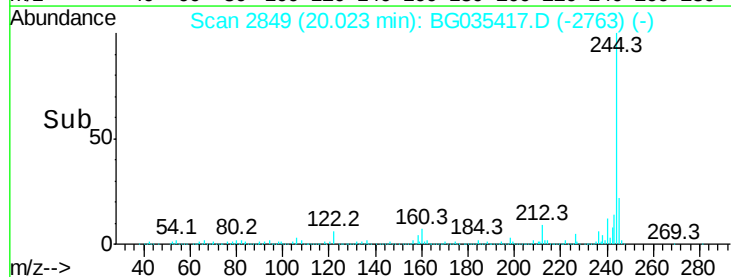
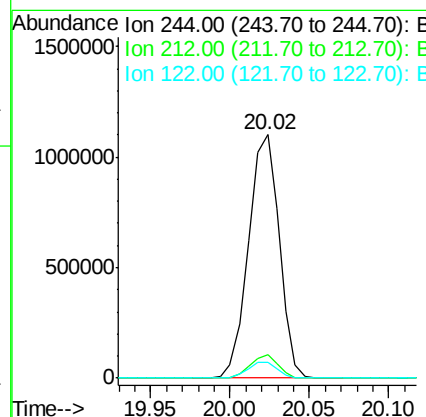
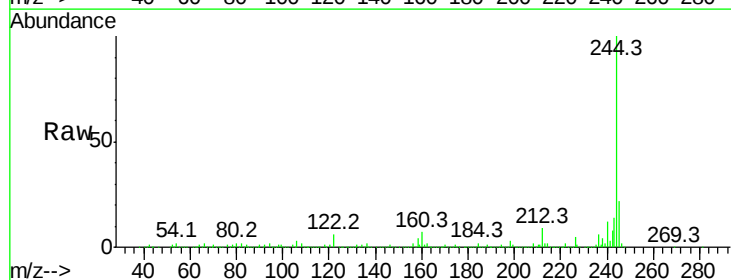
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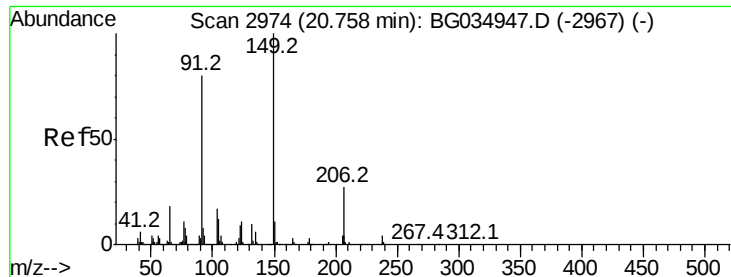
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#78
Terphenyl-d14
Concen: 86.031 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.2	7.0	10.4#





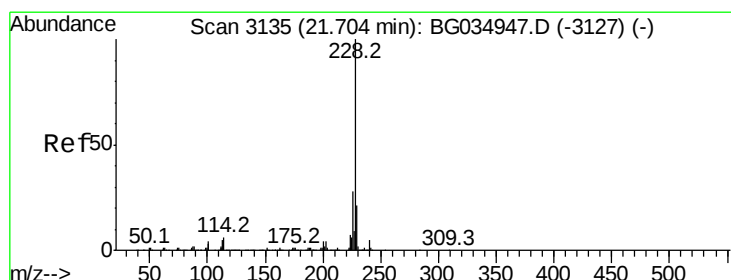
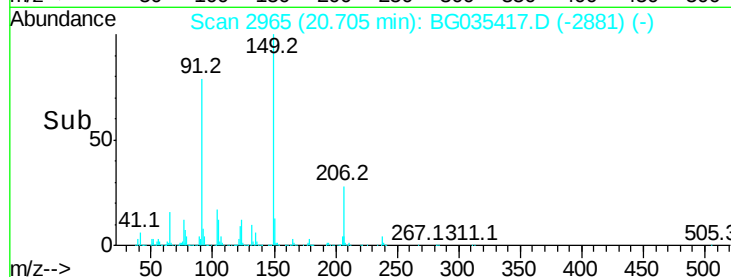
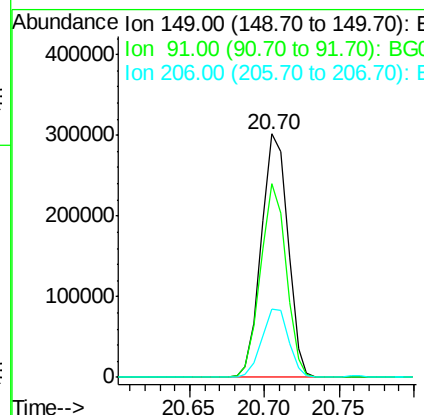
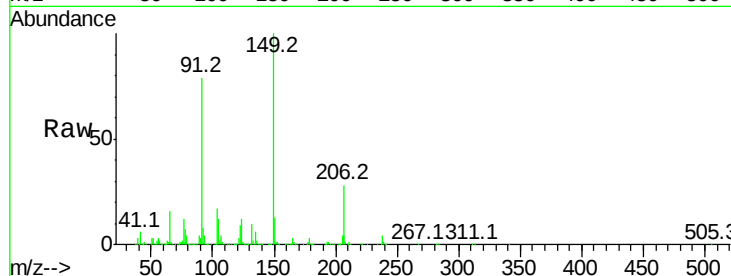
#79
Butylbenzylphthalate
Concen: 42.916 ng
RT: 20.70 min Scan# 2965
Delta R.T. -0.04 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.4	62.2	93.2
206	27.9	18.6	27.8

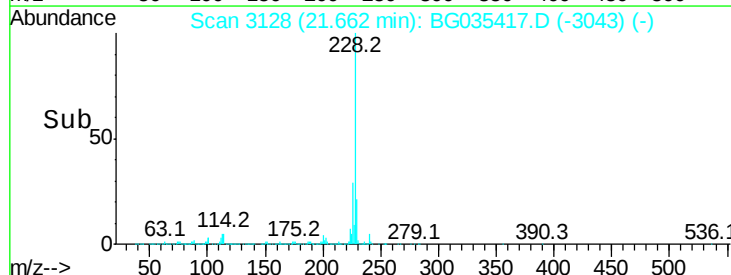
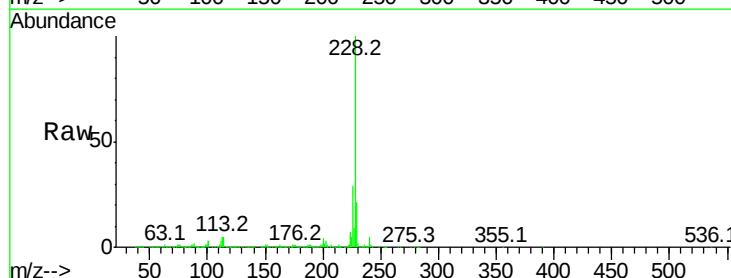
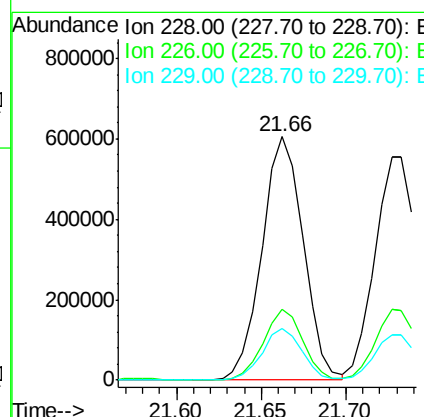
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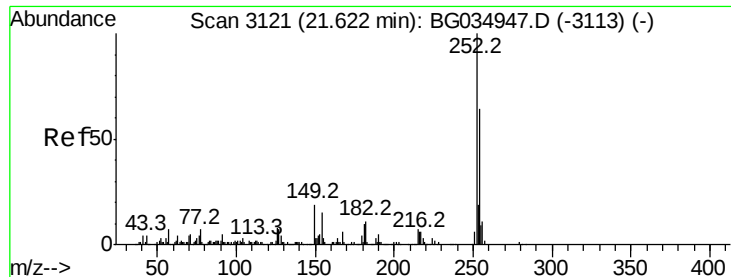
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#80
Benzo(a)anthracene
Concen: 44.406 ng
RT: 21.66 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.0	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 30.821 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

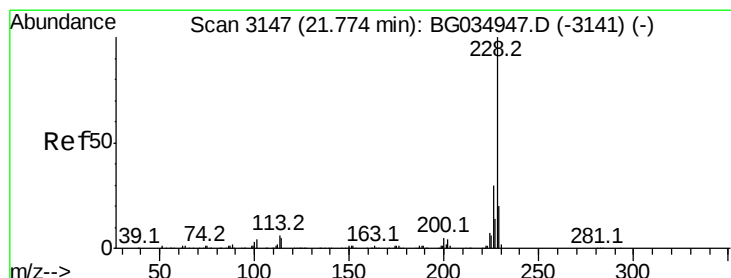
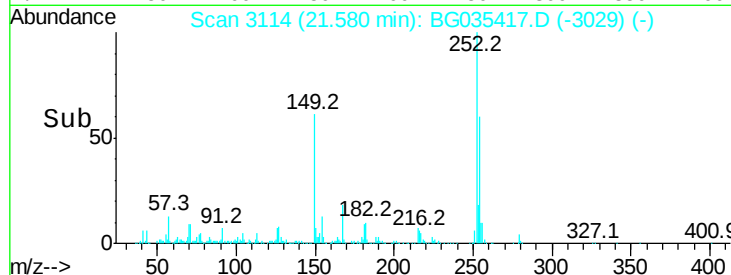
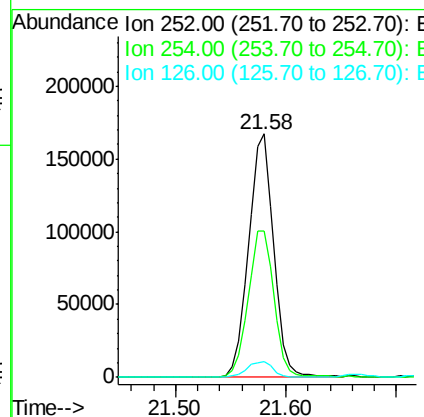
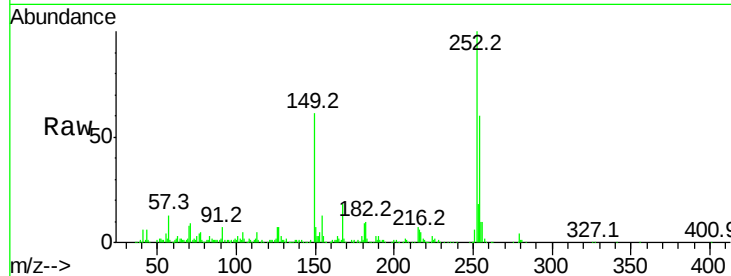
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	252	Resp:	267539
Ion Ratio	Lower	Upper	
252	100		
254	60.1	50.8	76.2
126	6.7	7.4	11.2#

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#82

Chrysene

Concen: 45.498 ng

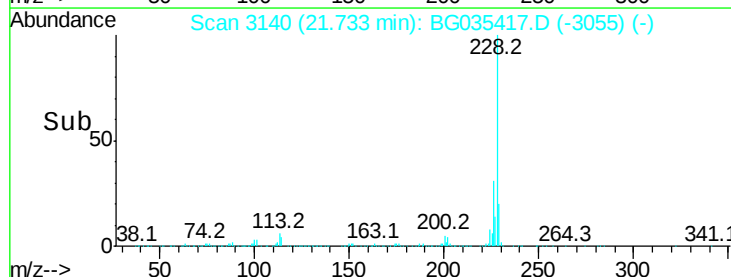
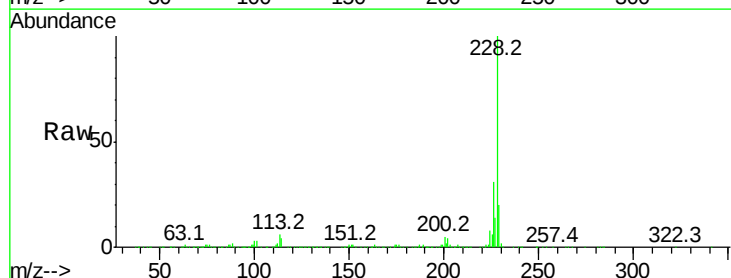
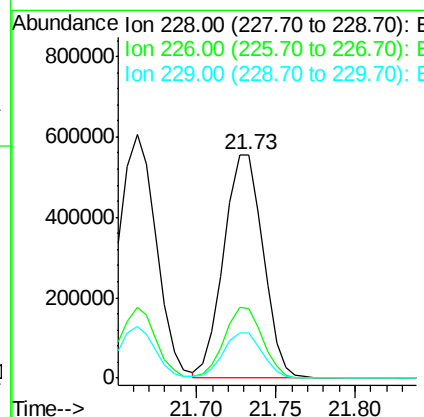
RT: 21.73 min Scan# 3140

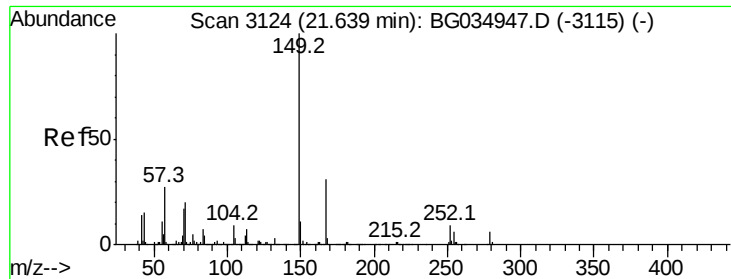
Delta R.T. -0.03 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	228	Resp:	961137
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.9	37.3
229	20.3	15.0	22.4





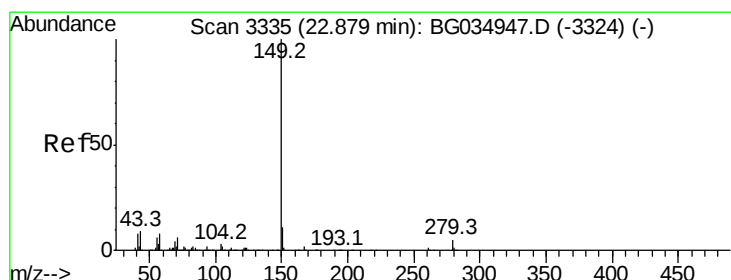
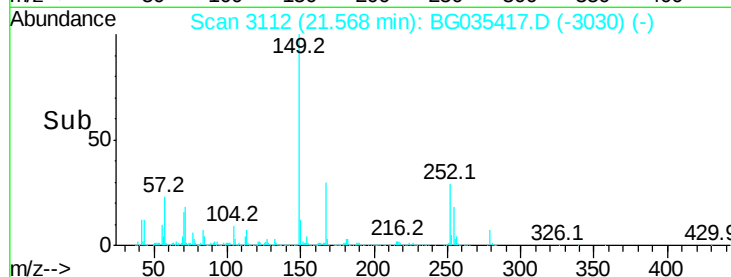
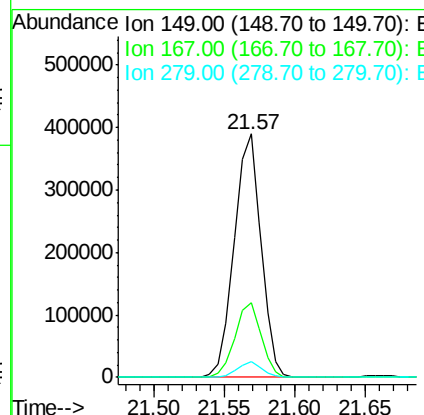
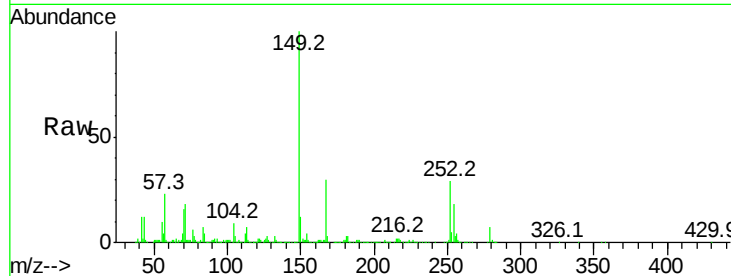
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.270 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.05 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	30.4	24.3	36.5
279	6.6	4.0	6.0#

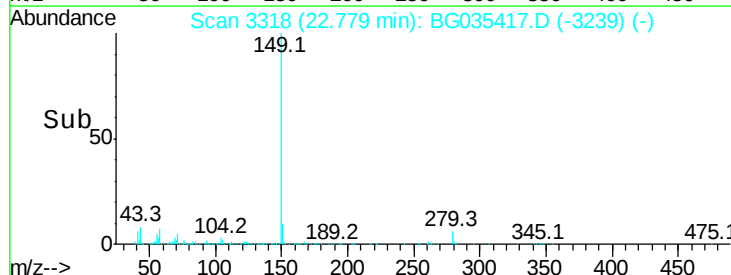
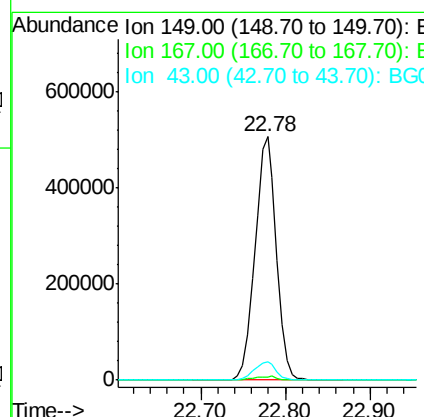
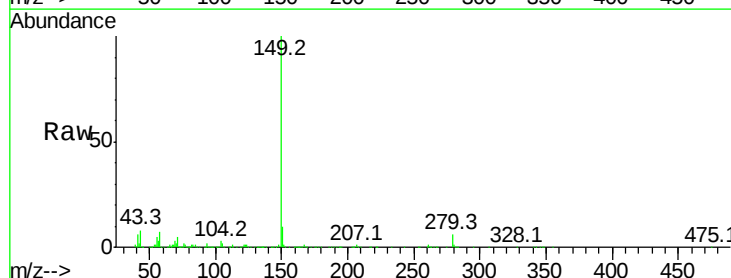
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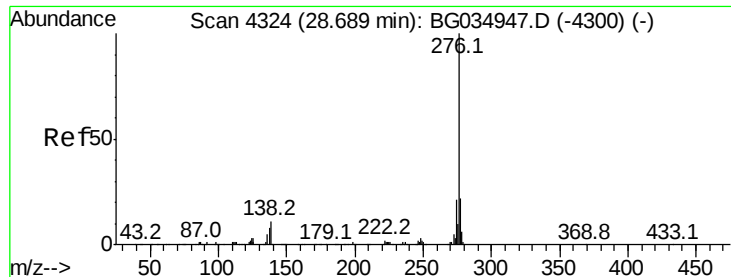
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#84
 Di-n-octyl phthalate
 Concen: 42.532 ng
 RT: 22.78 min Scan# 3318
 Delta R.T. -0.07 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.7	8.9	13.3#





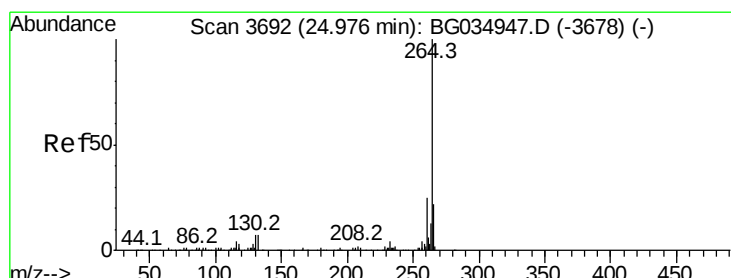
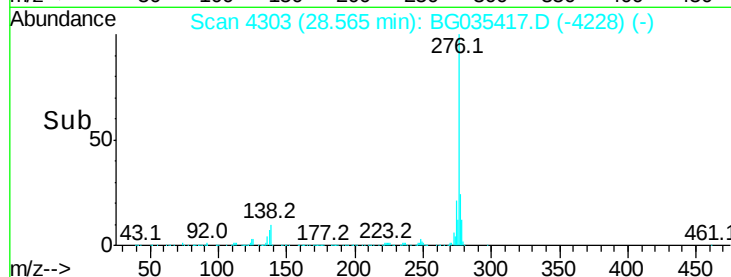
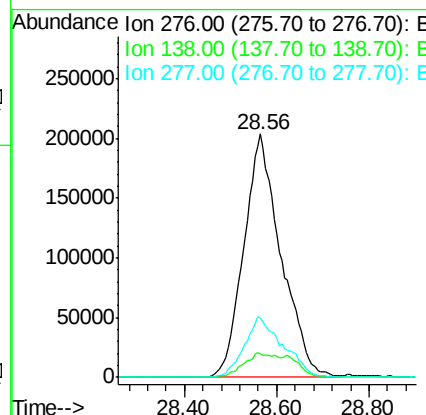
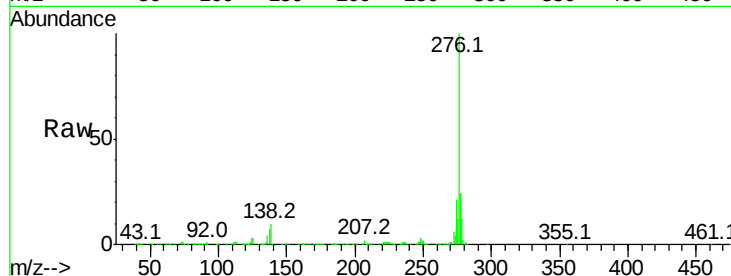
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.966 ng
RT: 28.56 min Scan# 4303
Delta R.T. -0.09 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.1	16.0	24.0#
277	25.9	20.0	30.0

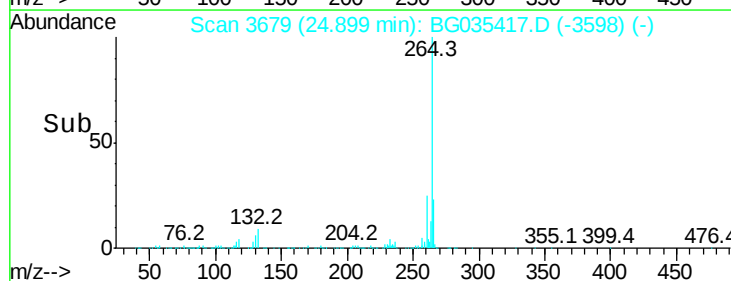
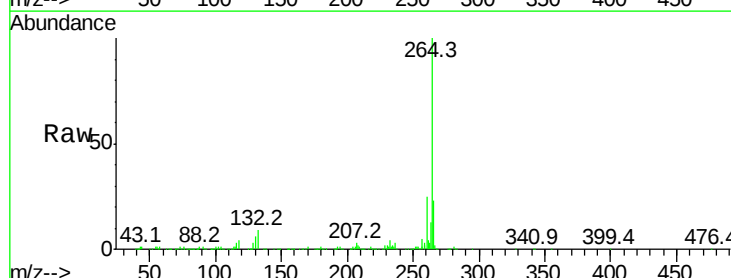
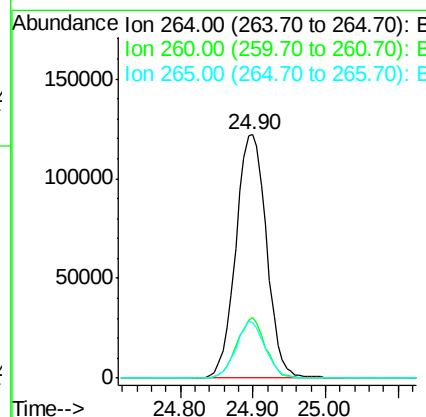
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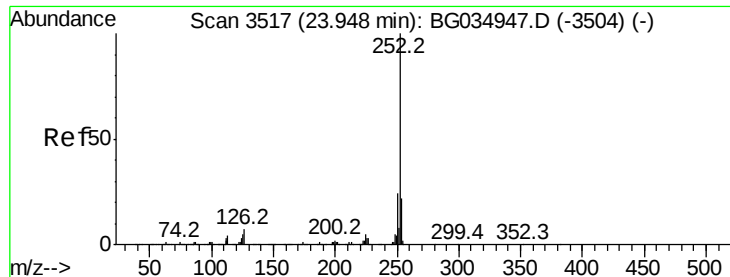
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035417.D
Acq: 26 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.9	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 45.674 ng

RT: 23.88 min Scan# 3505

Delta R.T. -0.05 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:252 Resp: 1008732

Ion Ratio Lower Upper

252 100

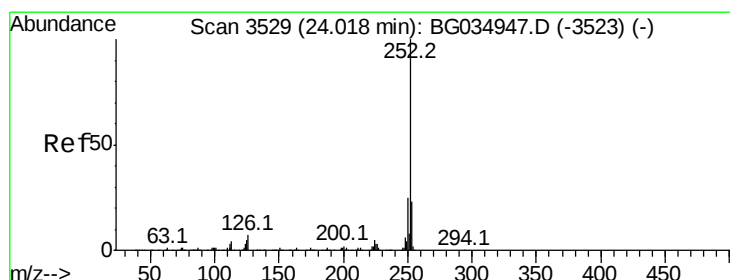
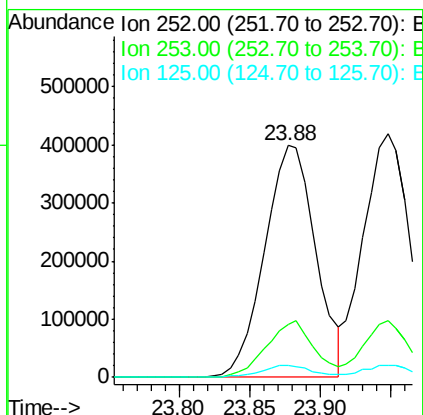
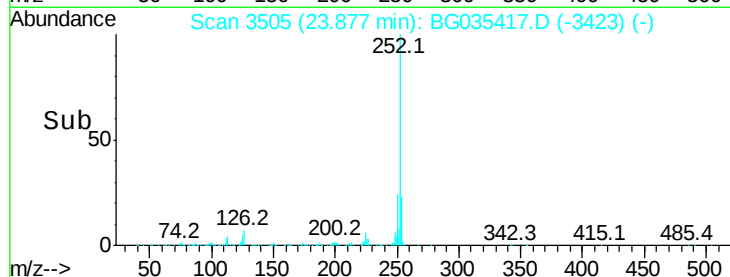
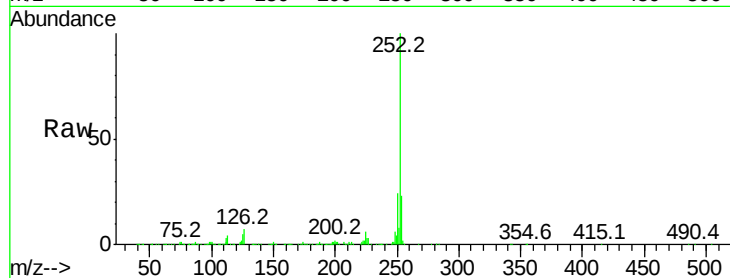
253 23.0 18.2 27.4

125 5.1 7.2 10.8#

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6/27/2018 3:32:29 PM



#88

Benzo(k)fluoranthene

Concen: 44.583 ng

RT: 23.95 min Scan# 3517

Delta R.T. -0.05 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

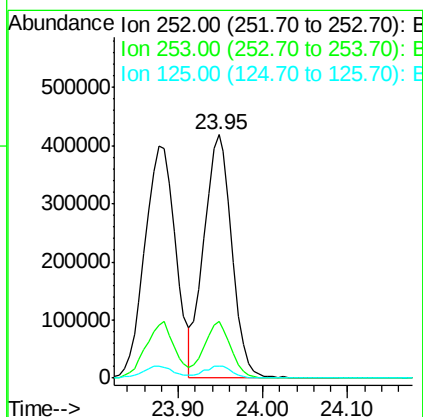
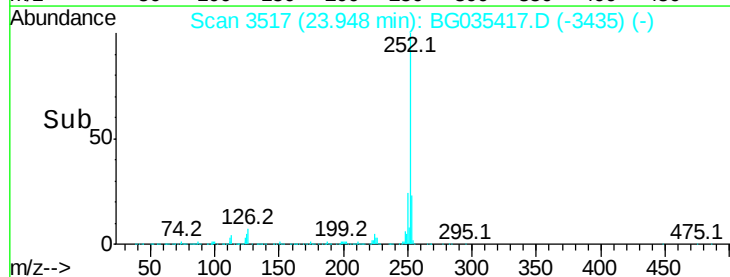
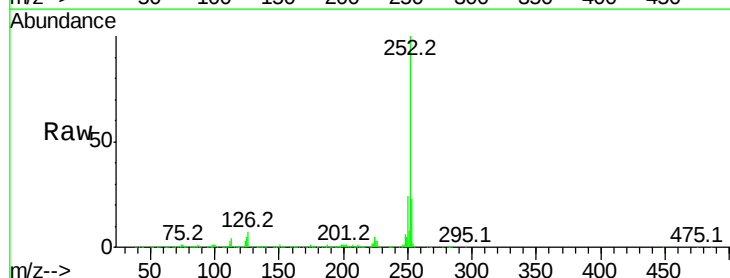
Tgt Ion:252 Resp: 963191

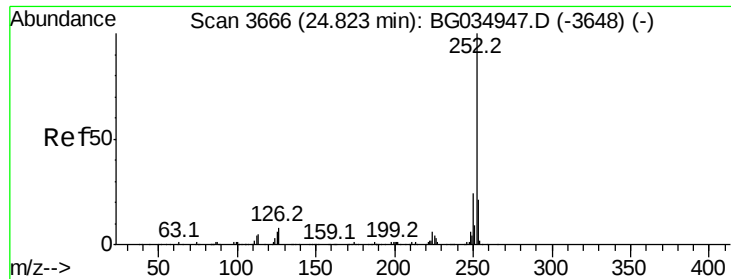
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 5.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 46.373 ng

RT: 24.75 min Scan# 3653

Delta R.T. -0.06 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Instrument :

BNA_G

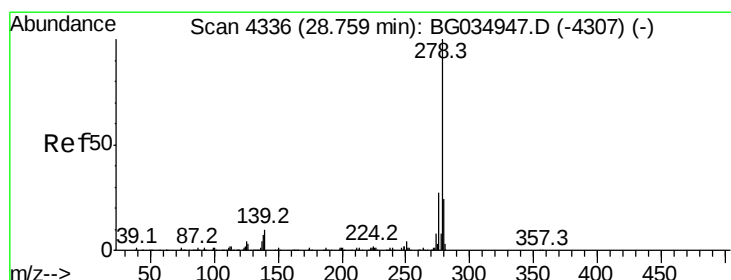
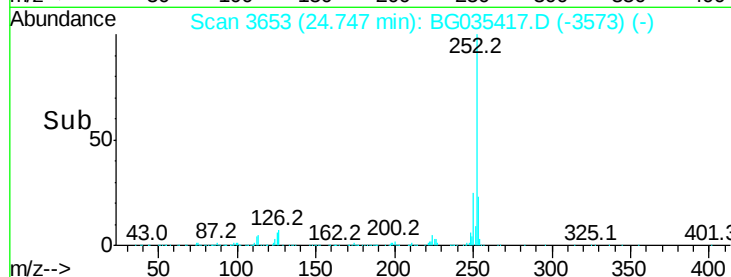
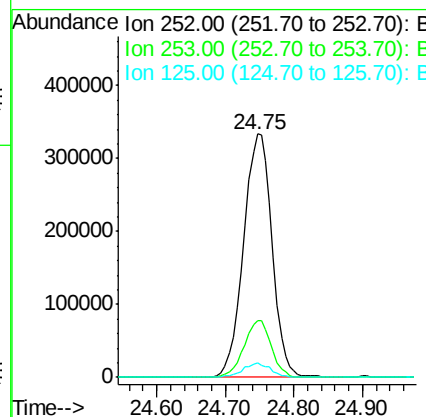
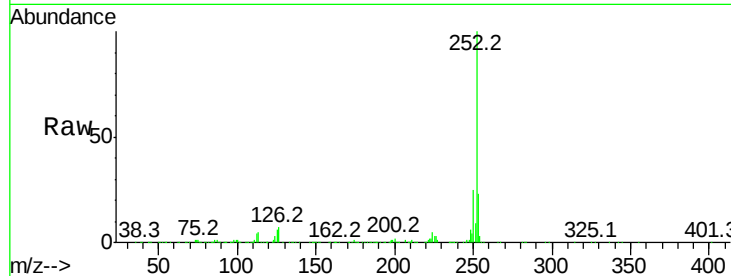
ClientSampleId :

EPE-105-4(95-97)MSD

Tot Ion:	252	Resp:	963714
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.3	27.5
125	5.8	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 44.929 ng

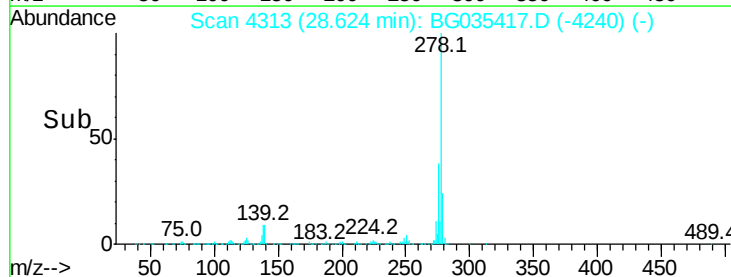
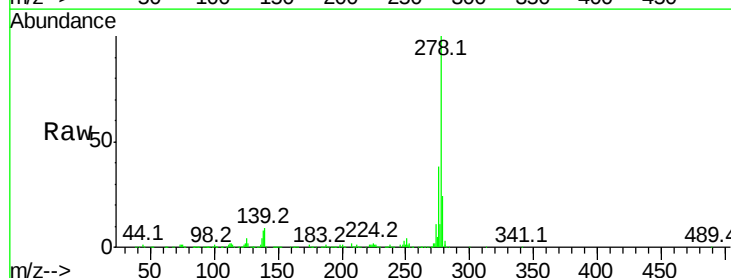
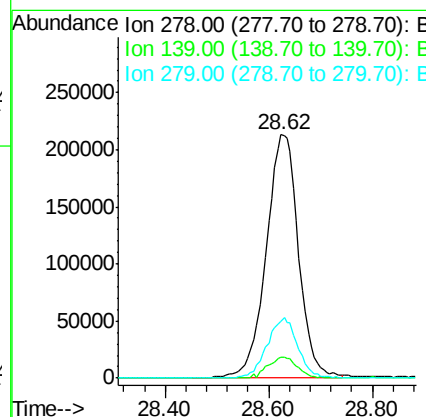
RT: 28.62 min Scan# 4313

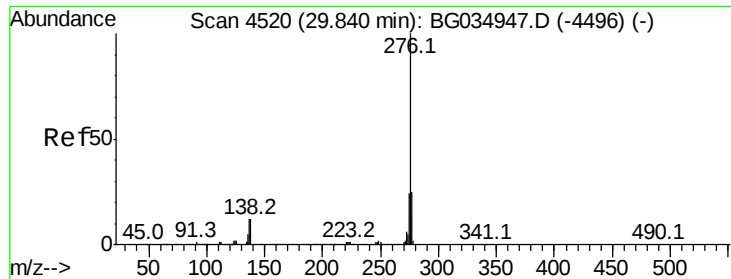
Delta R.T. -0.10 min

Lab File: BG035417.D

Acq: 26 Jun 2018 19:34

Tgt Ion:	278	Resp:	921733
Ion Ratio	Lower	Upper	
278	100		
139	8.7	9.8	14.6#
279	23.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.427 ng
 RT: 29.72 min Scan# 4499
 Delta R.T. -0.09 min
 Lab File: BG035417.D
 Acq: 26 Jun 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.3	27.5
138	11.3	13.9	20.9

Manual Integrations
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