

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031604.D
 Acq On : 16 Dec 2017 1:13
 Operator : SJ/JU
 Sample : I6924-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MSD

Manual Integrations
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Sohil
 12/18/2017 5:07:54 PM

Quant Time: Dec 18 16:37:22 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	70698	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	313907	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	220383	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	567006	20.00	ng	0.00
75) Chrysene-d12	21.74	240	601322	20.00	ng	0.00
86) Perylene-d12	25.02	264	530969	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	496462	124.47	ng	0.00
7) Phenol-d6	7.27	99	653374	118.00	ng	0.00
23) Nitrobenzene-d5	9.27	82	386480	75.89	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	333603	129.21	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1036793	69.06	ng	0.00
78) Terphenyl-d14	20.06	244	1866489	70.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	49403	25.959	ng	# 82
3) Pyridine	3.91	79	136374	27.217	ng	86
4) n-Nitrosodimethylamine	3.82	42	71902	30.465	ng	# 94
6) Aniline	7.42	93	165337	22.674	ng	95
8) 2-Chlorophenol	7.67	128	171656	38.583	ng	86
9) Benzaldehyde	7.23	77	99296	30.938	ng	84
10) Phenol	7.30	94	237634	41.777	ng	93
11) bis(2-Chloroethyl)ether	7.51	93	151843	32.707	ng	88
12) 1,3-Dichlorobenzene	7.99	146	181266m	34.261	ng	
13) 1,4-Dichlorobenzene	8.13	146	183341	33.343	ng	96
14) 1,2-Dichlorobenzene	8.45	146	174096	33.237	ng	98
15) Benzyl Alcohol	8.34	79	140917	32.534	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.62	45	217922	41.783	ng	91
17) 2-Methylphenol	8.55	107	148958	38.417	ng	96
18) Hexachloroethane	9.18	117	61540	33.202	ng	93
19) n-Nitroso-di-n-propylamine	8.90	70	122644	28.141	ng	# 95
20) 3+4-Methylphenols	8.88	107	209527	36.275	ng	97
22) Acetophenone	8.93	105	257061	34.135	ng	# 91
24) Nitrobenzene	9.31	77	183582	35.178	ng	# 88
25) Isophorone	9.83	82	352288	36.602	ng	# 92
26) 2-Nitrophenol	10.02	139	102178	39.595	ng	# 89
27) 2,4-Dimethylphenol	10.08	122	172872	44.099	ng	92
28) bis(2-Chloroethoxy)methane	10.31	93	221554	35.656	ng	97
29) 2,4-Dichlorophenol	10.57	162	197321	42.723	ng	91
30) 1,2,4-Trichlorobenzene	10.78	180	208836	35.398	ng	96
31) Naphthalene	10.96	128	522252	33.865	ng	98
33) 4-Chloroaniline	11.08	127	118454	17.691	ng	94
34) Hexachlorobutadiene	11.24	225	132438	33.843	ng	97
35) Caprolactam	11.85	113	72482m	39.966	ng	
36) 4-Chloro-3-methylphenol	12.20	107	201103	38.146	ng	# 85
37) 2-Methylnaphthalene	12.56	142	421787	35.325	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	280449	32.561	ng	# 97
40) Hexachlorocyclopentadiene	12.90	237	138444	55.666	ng	91
42) 2,4,6-Trichlorophenol	13.17	196	172197	39.131	ng	99

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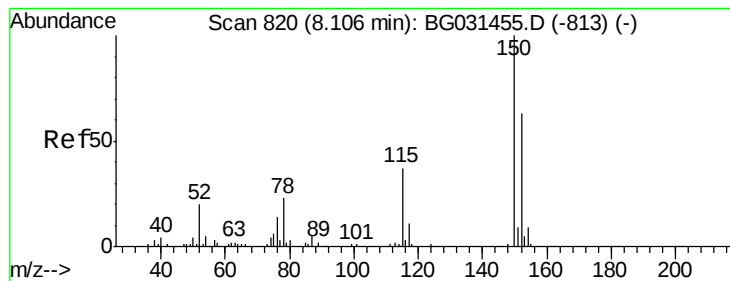
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	186756	39.398	ng	# 92
45) 1,1'-Biphenyl	13.56	154	592655	32.742	ng	97
46) 2-Chloronaphthalene	13.61	162	462433	34.905	ng	95
47) 2-Nitroaniline	13.81	65	131317	35.274	ng	# 76
48) Acenaphthylene	14.45	152	705362	33.088	ng	99
49) Dimethylphthalate	14.17	163	741496	40.640	ng	99
50) 2,6-Dinitrotoluene	14.30	165	146901	37.668	ng	# 75
51) Acenaphthene	14.79	154	437823	32.481	ng	99
52) 3-Nitroaniline	14.64	138	99828	25.111	ng	# 83
53) 2,4-Dinitrophenol	14.86	184	68875	46.584	ng	# 51
54) Dibenzofuran	15.12	168	729664	33.923	ng	99
55) 4-Nitrophenol	14.97	139	201364	75.185	ng	# 78
56) 2,4-Dinitrotoluene	15.09	165	215071	38.828	ng	# 71
57) Fluorene	15.77	166	589142	34.183	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.35	232	181092	40.643	ng	# 90
59) Diethylphthalate	15.52	149	642333	35.122	ng	98
60) 4-Chlorophenyl-phenylether	15.75	204	352033	33.386	ng	92
61) 4-Nitroaniline	15.81	138	154748	37.093	ng	86
62) Azobenzene	16.05	77	492350	32.499	ng	93
64) 4,6-Dinitro-2-methylphenol	15.86	198	102714	31.777	ng	# 76
65) n-Nitrosodiphenylamine	15.97	169	561452	33.830	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	234265	35.531	ng	97
67) Hexachlorobenzene	16.78	284	240748	35.361	ng	94
68) Atrazine	16.92	200	247161	40.729	ng	98
69) Pentachlorophenol	17.13	266	186492	58.613	ng	99
70) Phenanthrene	17.51	178	1014123	34.247	ng	98
71) Anthracene	17.60	178	1046991	35.749	ng	99
72) Carbazole	17.87	167	978831	36.932	ng	99
73) Di-n-butylphthalate	18.41	149	1103575	36.057	ng	100
74) Fluoranthene	19.51	202	1339632	36.148	ng	97
76) Benzidine	19.69	184	608019	43.449	ng	99
77) Pyrene	19.88	202	1347432	36.063	ng	97
79) Butylbenzylphthalate	20.73	149	510397	38.939	ng	86
80) Benzo(a)anthracene	21.72	228	1280789	35.288	ng	98
81) 3,3'-Dichlorobenzidine	21.62	252	333953	26.437	ng	99
82) Chrysene	21.79	228	1212864	34.858	ng	96
83) Bis(2-ethylhexyl)phthalate	21.59	149	689069	36.540	ng	99
84) Di-n-octyl phthalate	22.81	149	1102151	35.431	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1187821	31.943	ng	98
87) Benzo(b)fluoranthene	23.98	252	1170068m	36.859	ng	
88) Benzo(k)fluoranthene	24.04	252	1145678	35.366	ng	99
89) Benzo(a)pyrene	24.87	252	1094898	36.359	ng	98
90) Dibenzo(a,h)anthracene	28.83	278	986433	34.255	ng	97
91) Benzo(g,h,i)perylene	29.97	276	975366	34.452	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

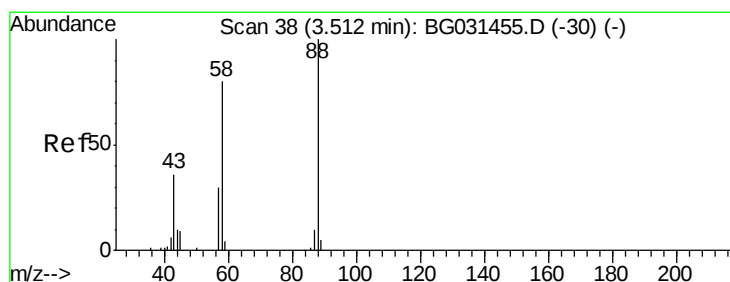
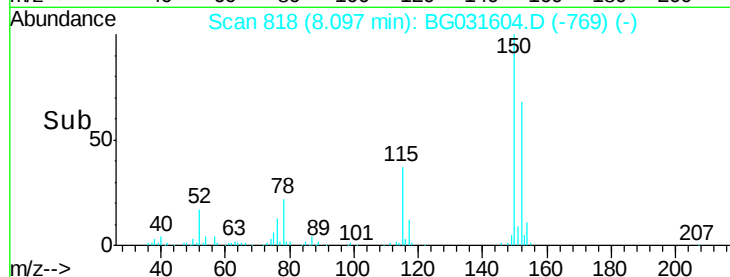
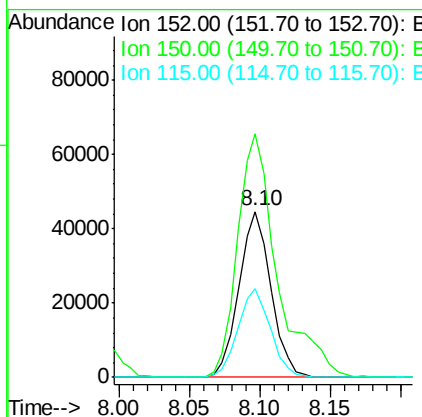
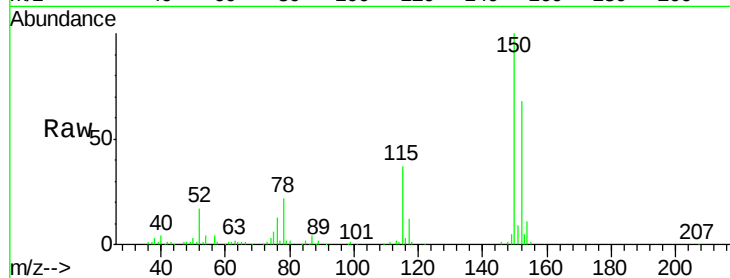
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:	152	Resp:	70698
Ion Ratio	Lower	Upper	
152	100		
150	146.9	126.6	189.8
115	53.9	53.0	79.4

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#2

1,4-Dioxane

Concen: 25.959 ng

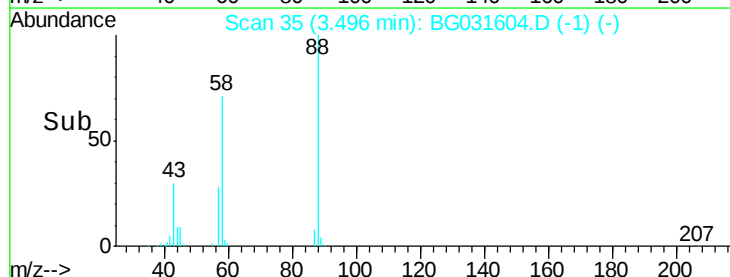
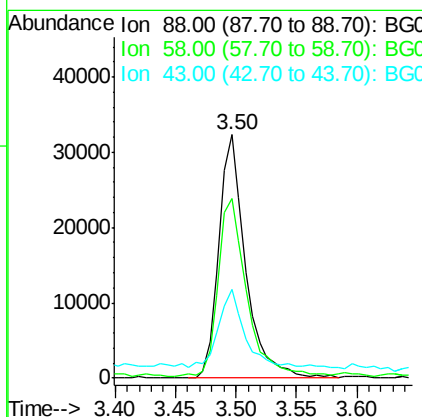
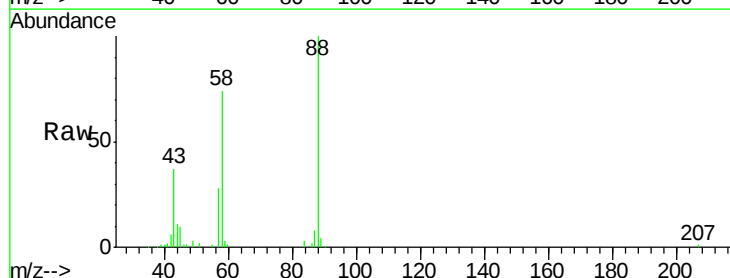
RT: 3.50 min Scan# 35

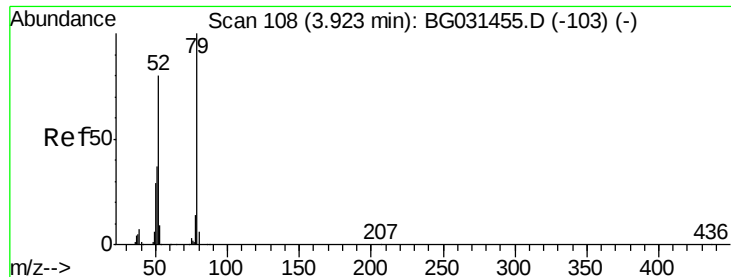
Delta R.T. -0.02 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion:	88	Resp:	49403
Ion Ratio	Lower	Upper	
88	100		
58	77.2	79.6	119.4#
43	30.7	27.4	41.0





#3

Pyridine

Concen: 27.217 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

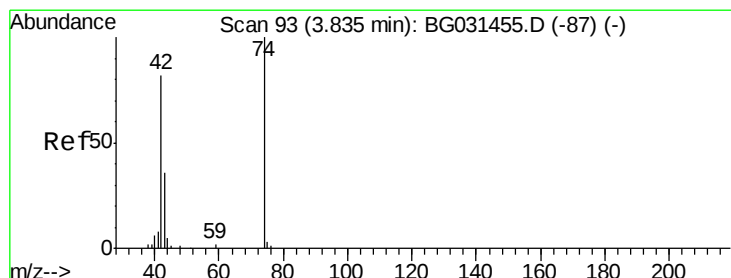
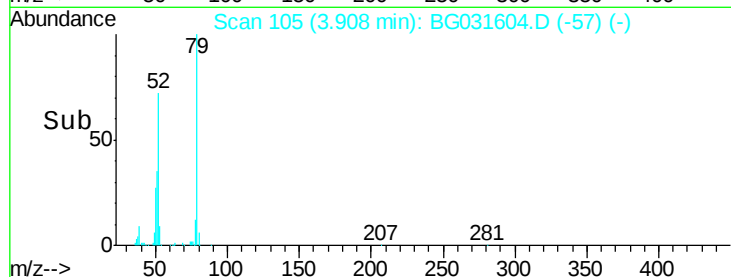
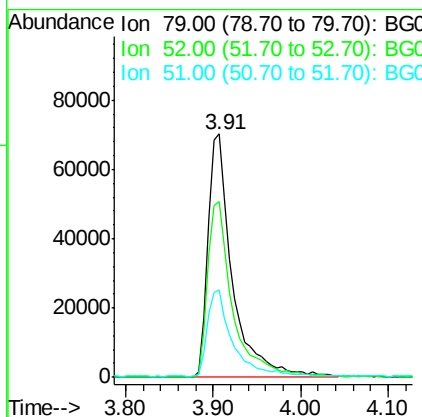
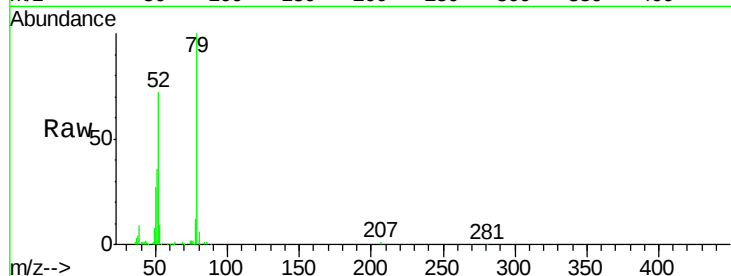
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:	79	Resp:	136374
Ion Ratio	Lower	Upper	
79	100		
52	72.4	69.9	104.9
51	35.9	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 30.465 ng

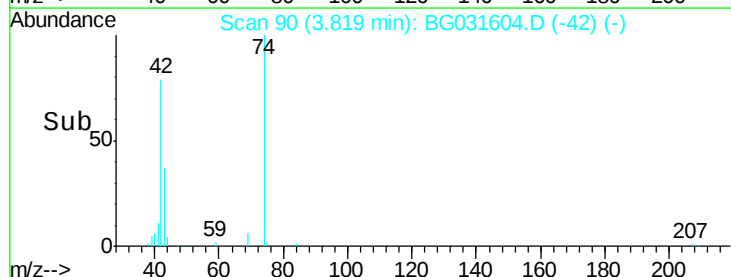
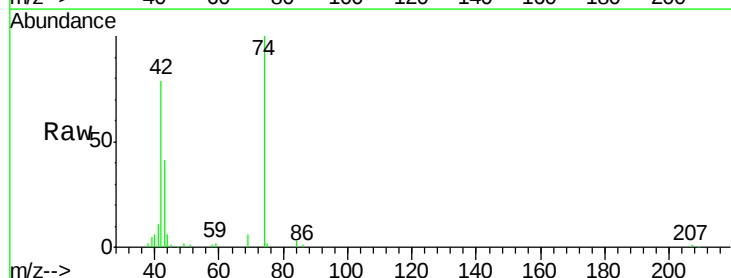
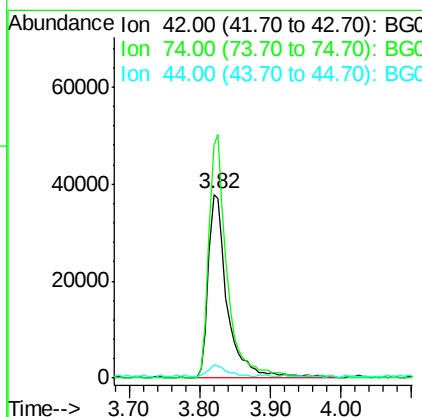
RT: 3.82 min Scan# 90

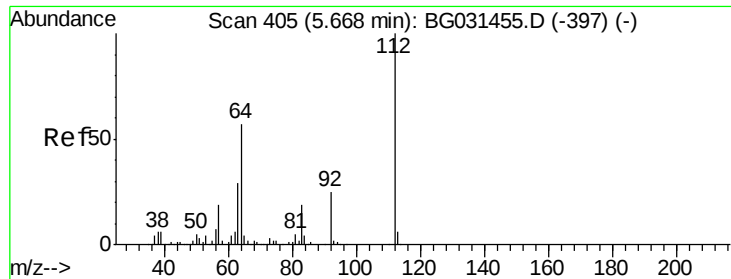
Delta R.T. -0.02 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion:	42	Resp:	71902
Ion Ratio	Lower	Upper	
42	100		
74	126.8	102.5	153.7
44	7.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 124.471 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

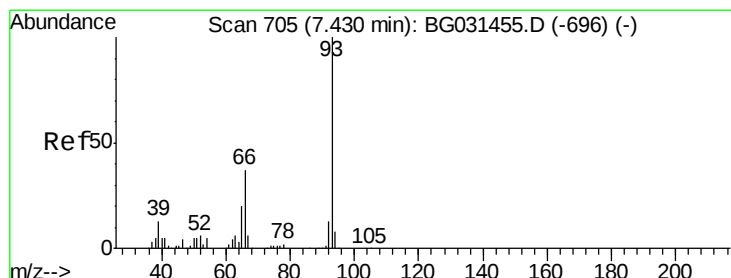
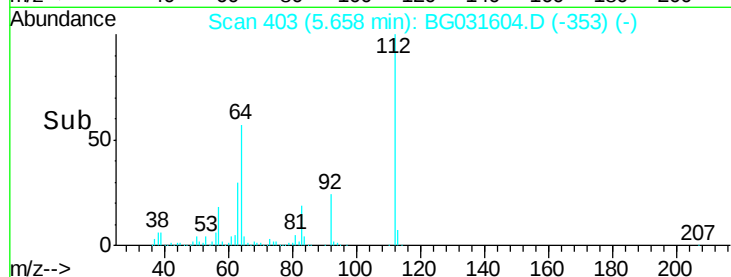
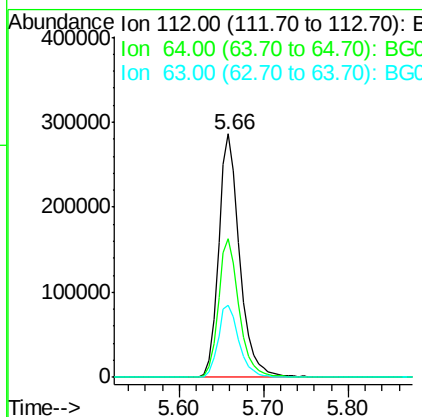
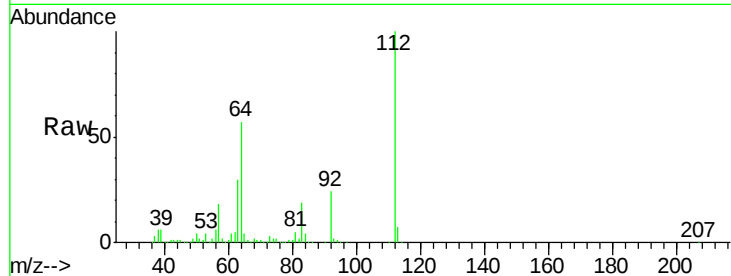
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	496462		
64	56.8	56.3	84.5	
63	29.7	30.1	45.1	

Manual Integrations
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#6

Aniline

Concen: 22.674 ng

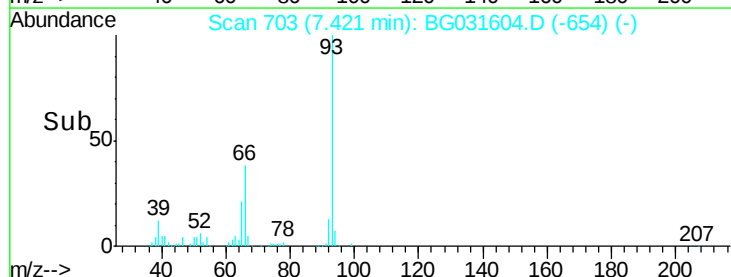
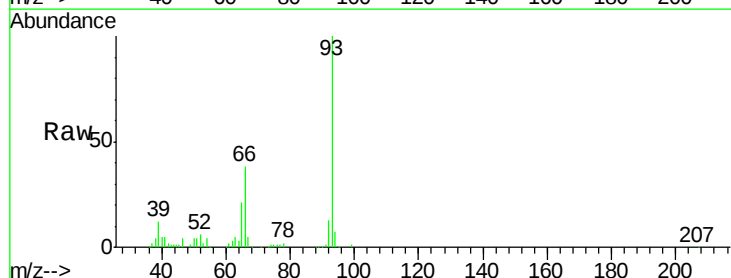
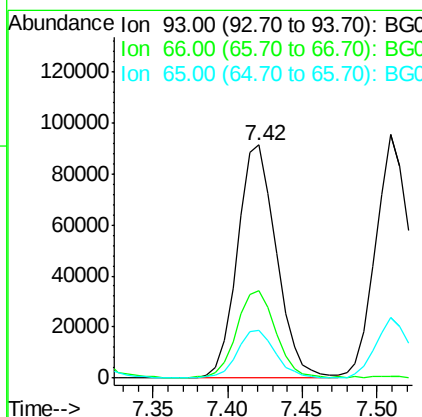
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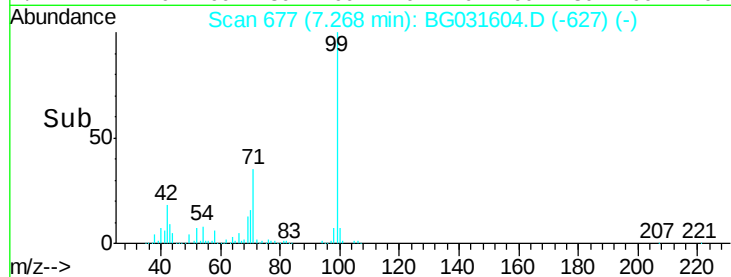
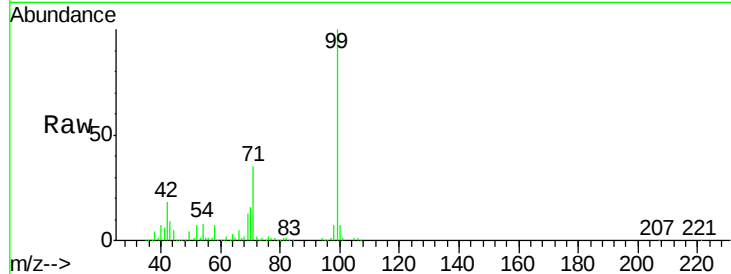
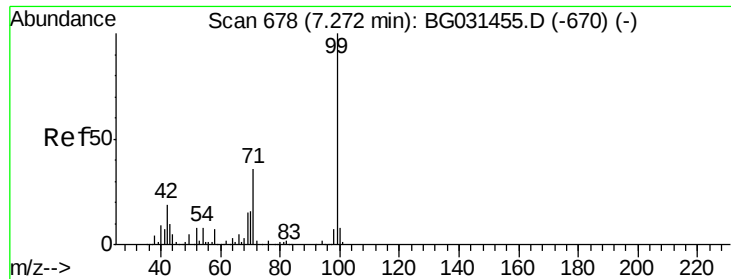
Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	165337		
66	37.5	33.7	50.5	
65	20.5	16.1	24.1	





#7

Phenol-d6

Concen: 118.000 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		653374		
42	17.9	14.1	21.1		
71	34.8	26.1	39.1		

Instrument :

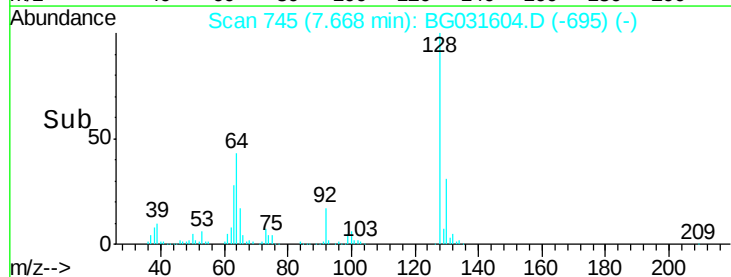
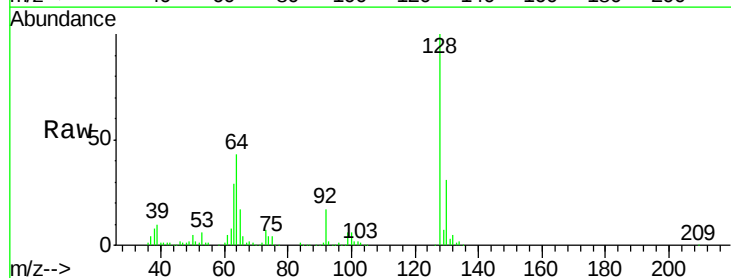
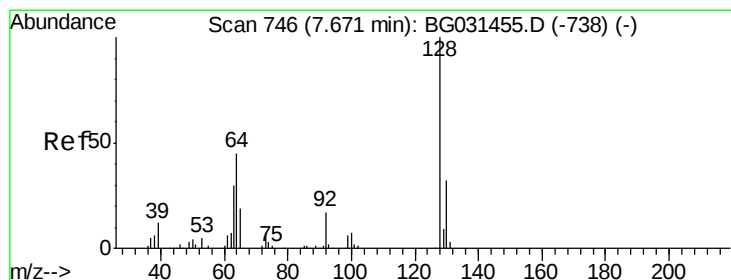
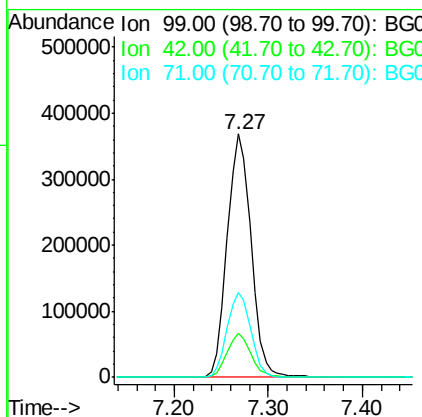
BNA_G

ClientSampleId :

EPE-125-4(0-5)MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.583 ng

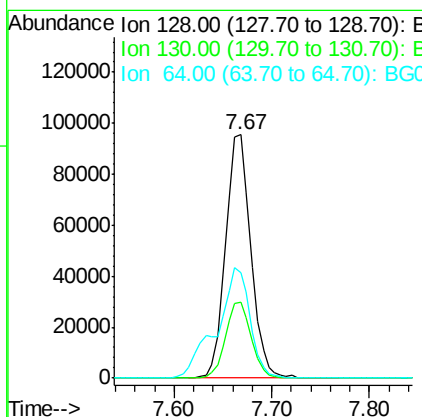
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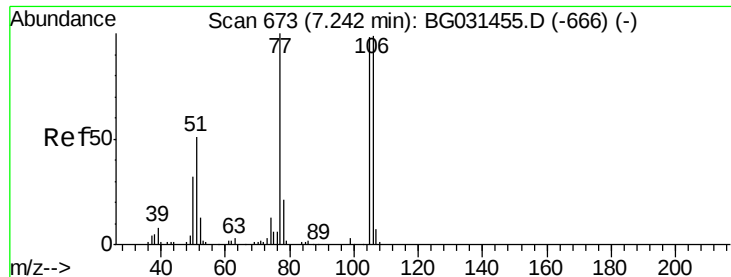
Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		171656		
130	31.4	14.0	54.0		
64	43.4	37.7	77.7		





#9

Benzaldehyde

Concen: 30.938 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

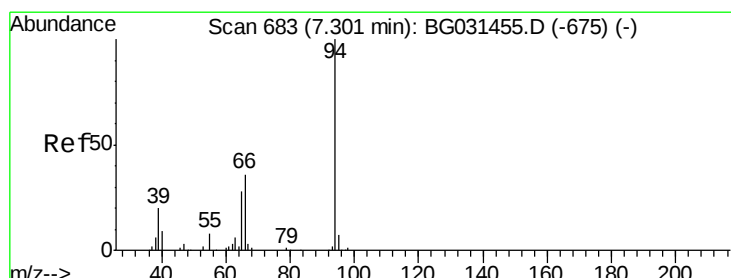
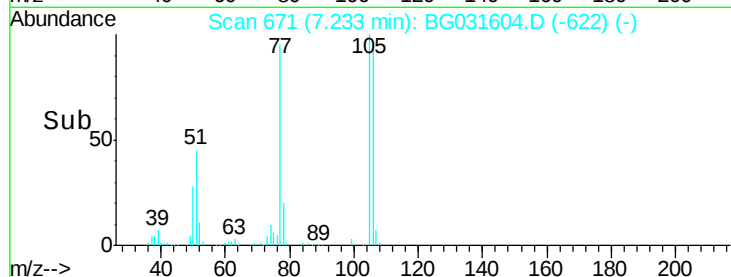
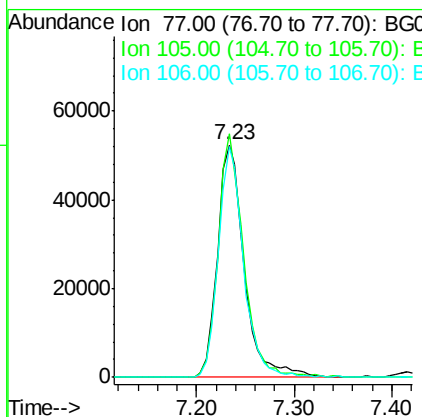
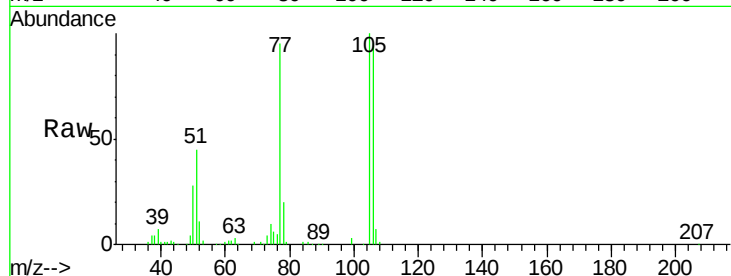
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	104.8	71.3	111.3
106	99.6	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 41.777 ng

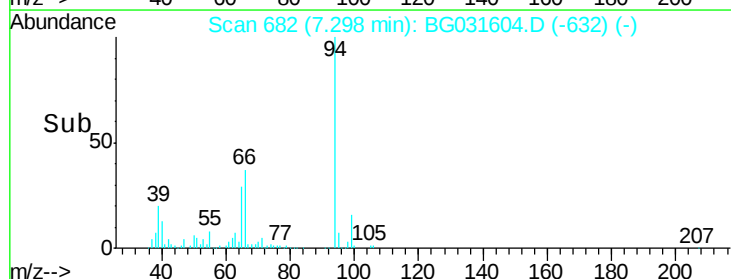
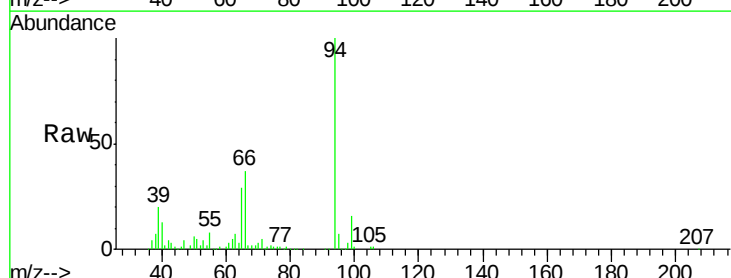
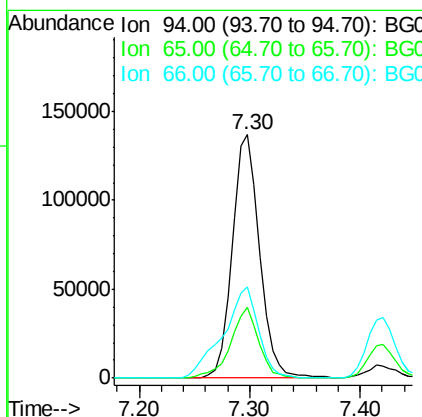
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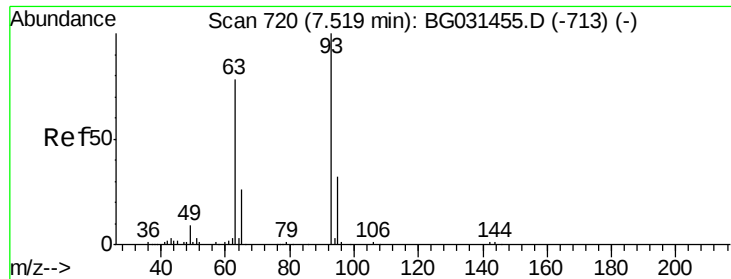
Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	11.9	51.9
66	37.2	22.2	62.2





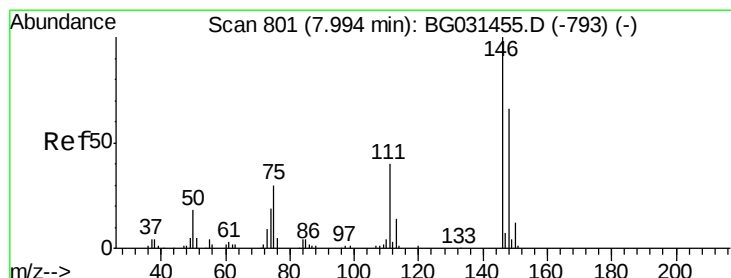
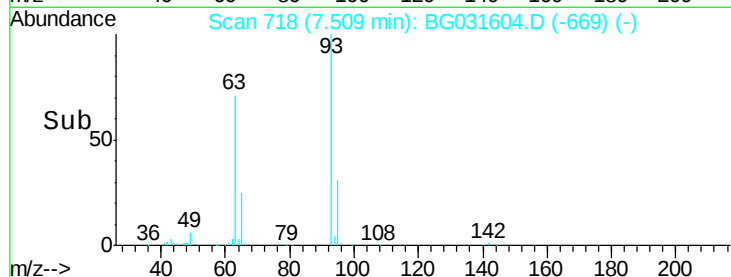
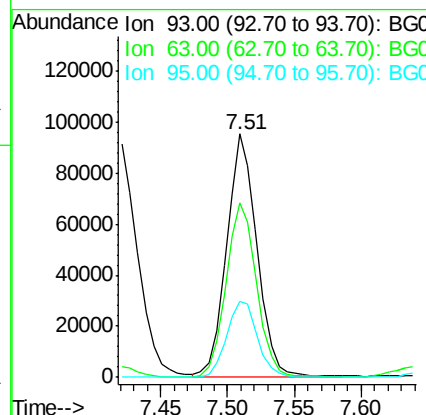
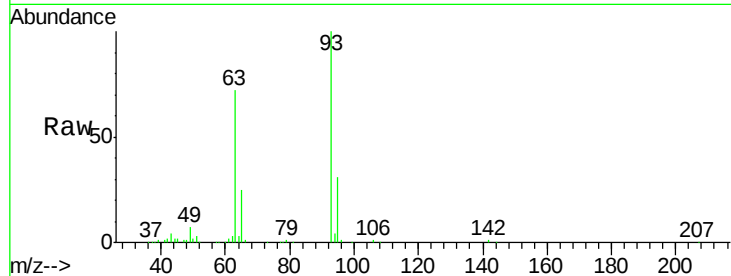
#11
bis(2-Chloroethyl)ether
Concen: 32.707 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	151843		
63	71.8	67.1	107.1	
95	31.5	11.5	51.5	

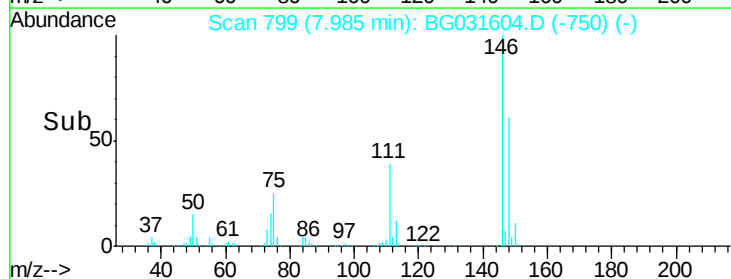
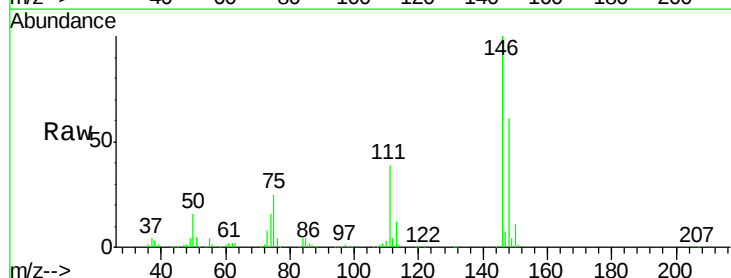
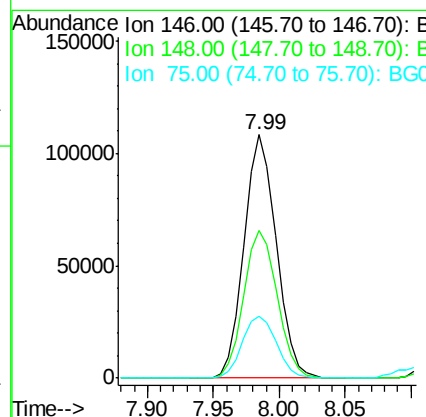
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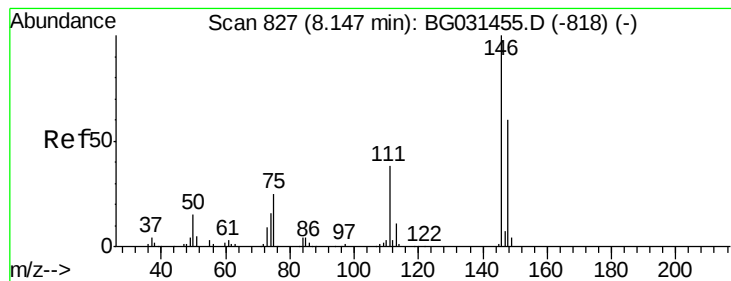
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#12
1,3-Dichlorobenzene
Concen: 34.261 ng m
RT: 7.99 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181266		
148	60.6	51.4	77.2	
75	25.3	26.6	39.8#	





#13

1,4-Dichlorobenzene

Concen: 33.343 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

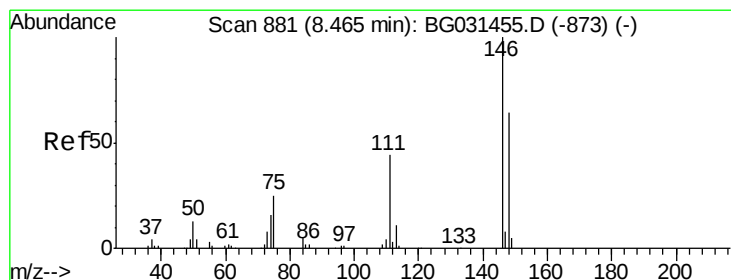
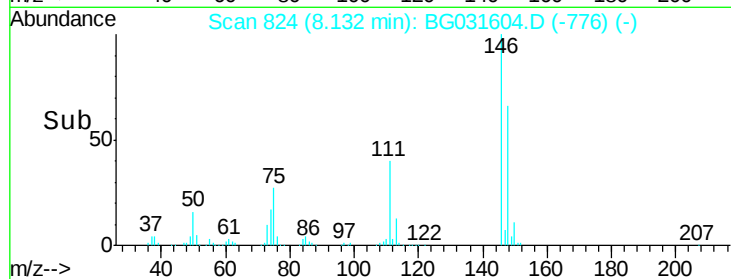
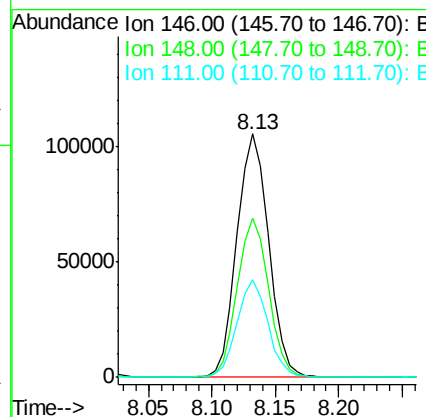
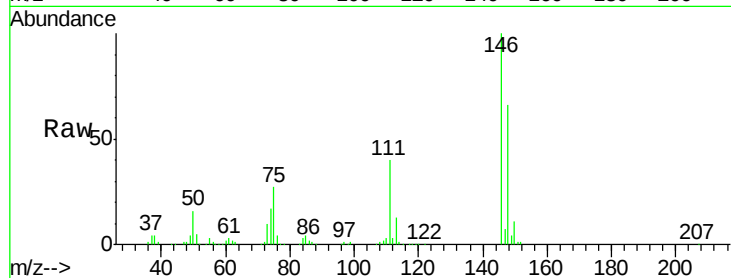
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:	146	Resp:	183341
Ion Ratio	Lower	Upper	
146	100		
148	65.5	53.7	80.5
111	40.2	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 33.237 ng

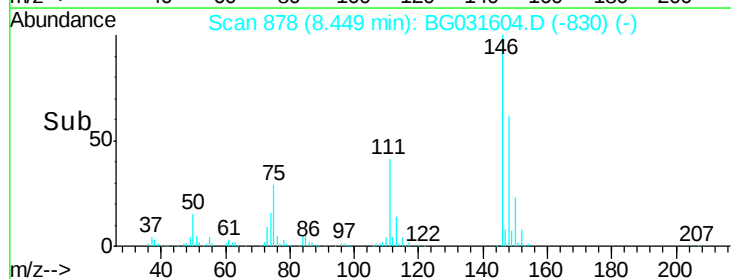
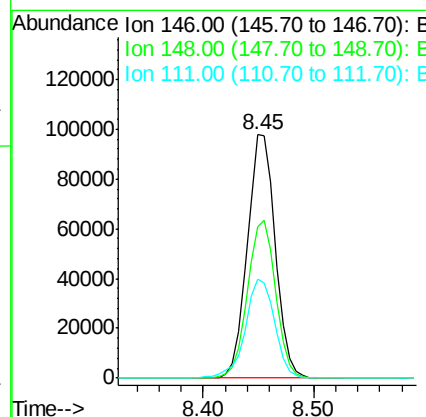
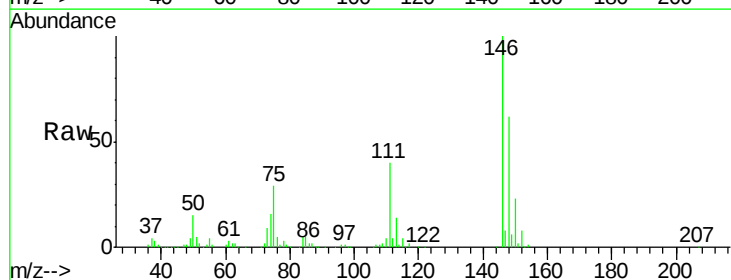
RT: 8.45 min Scan# 878

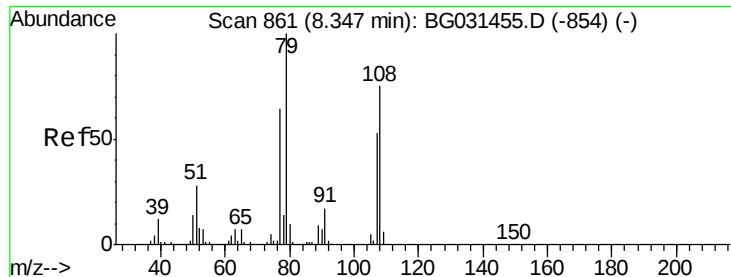
Delta R.T. -0.02 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion:	146	Resp:	174096
Ion Ratio	Lower	Upper	
146	100		
148	62.4	49.3	73.9
111	40.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 32.534 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

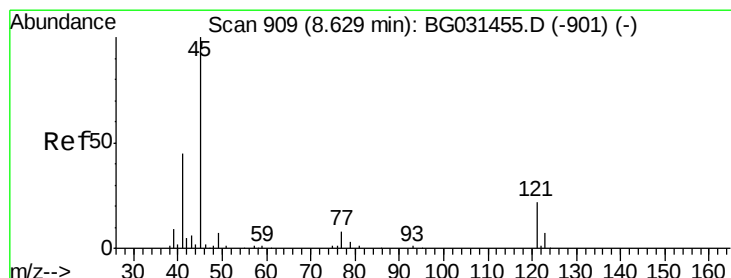
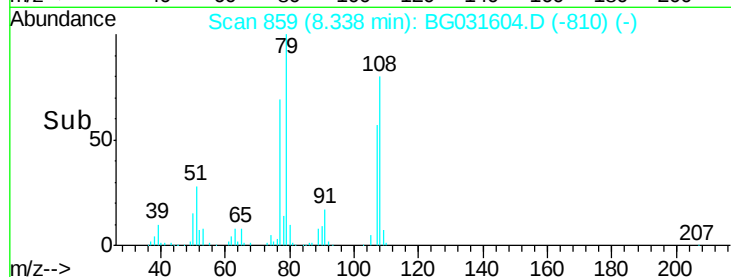
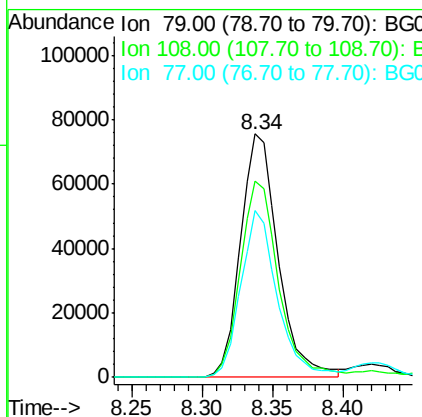
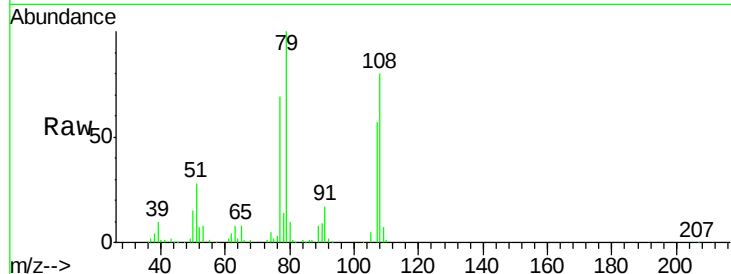
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:	79	Resp:	140917
Ion Ratio	Lower	Upper	
79	100		
108	80.4	57.2	85.8
77	68.5	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.783 ng

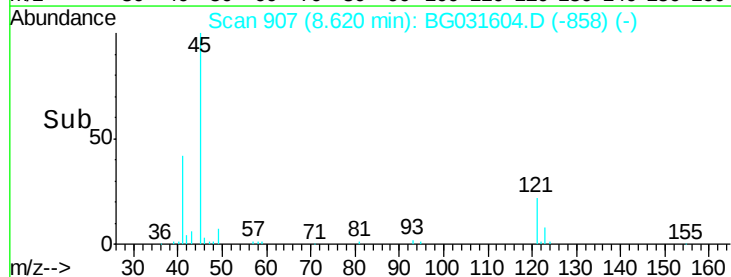
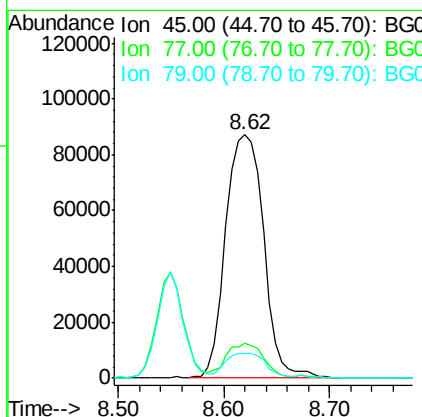
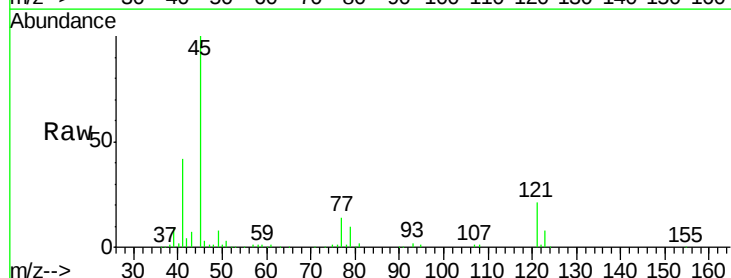
RT: 8.62 min Scan# 907

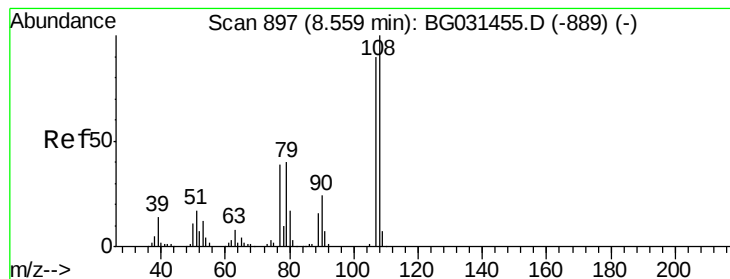
Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion:	45	Resp:	217922
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	30.2
79	10.1	0.0	27.9





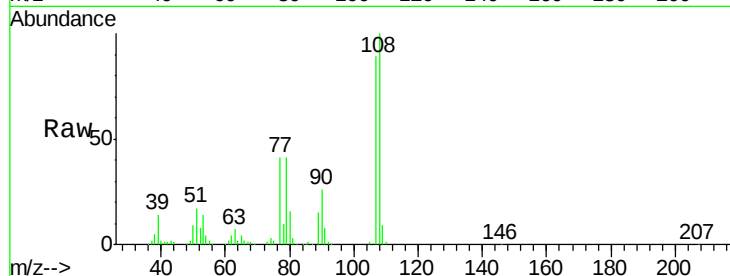
#17
2-Methylphenol
Concen: 38.417 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.2	83.9	125.9
77	45.5	37.2	55.8
79	46.0	36.2	54.2

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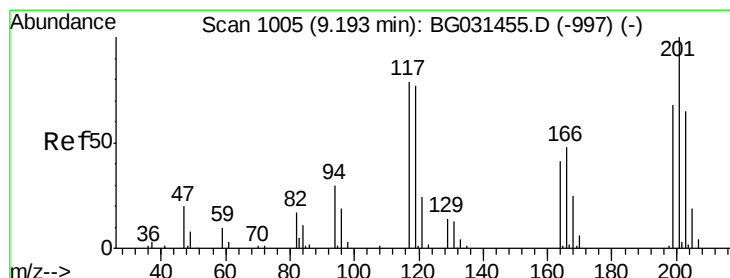
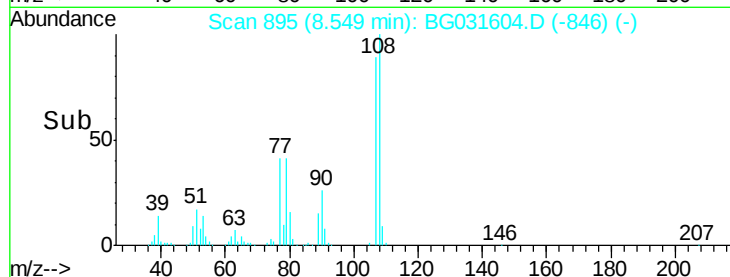
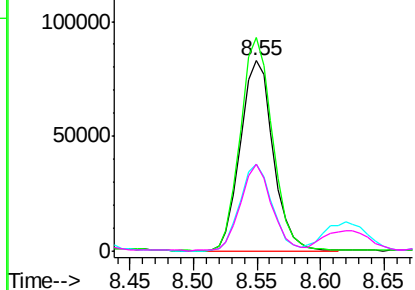
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 33.202 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

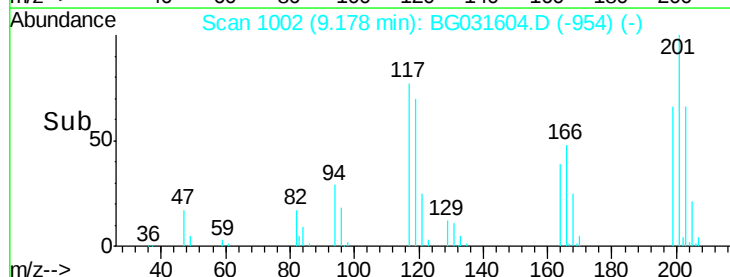
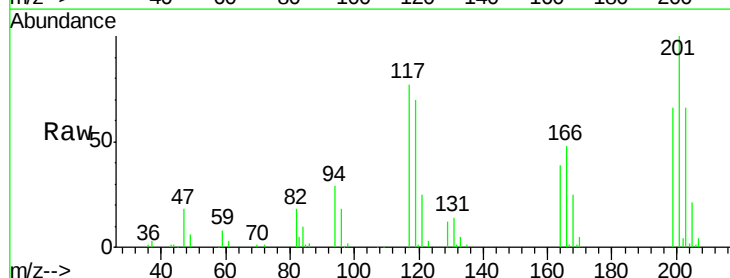
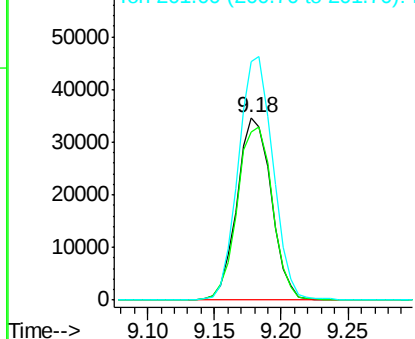
Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	91.7	76.7	115.1
201	130.3	95.7	143.5

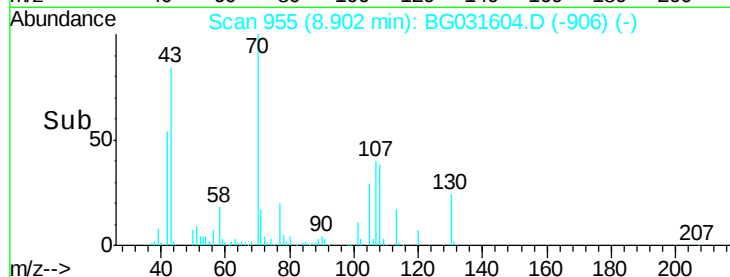
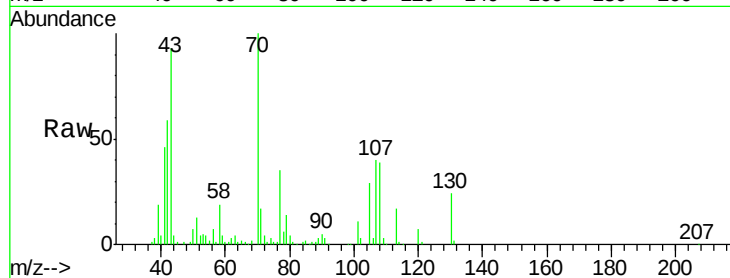
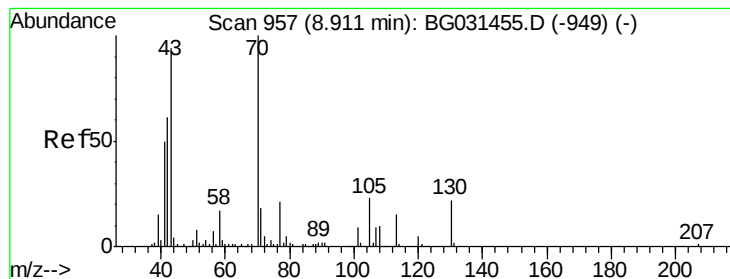
Abundance

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: 28.141 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion: 70 Resp: 122644

Ion Ratio Lower Upper

70 100

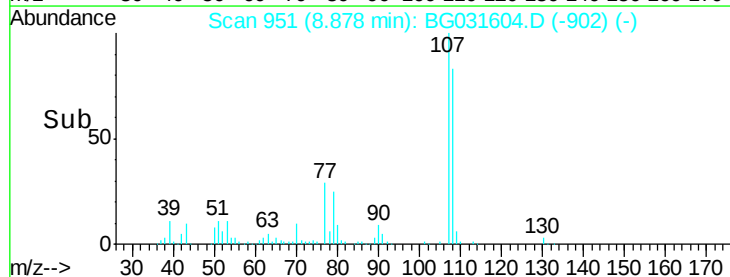
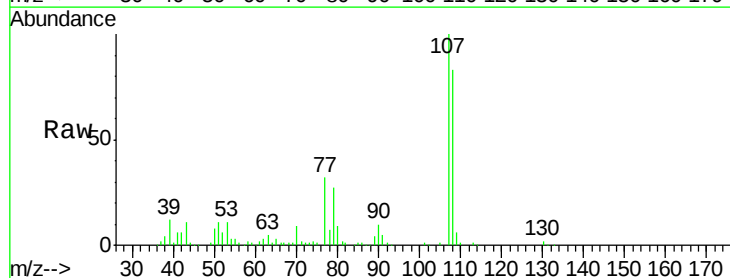
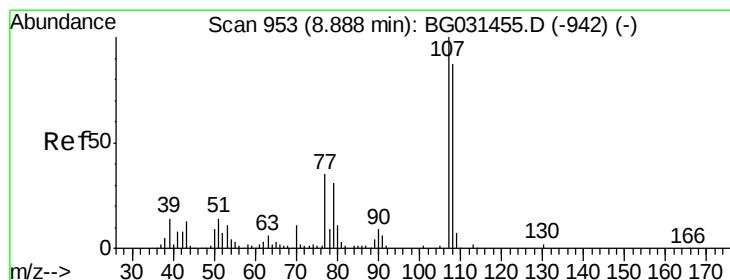
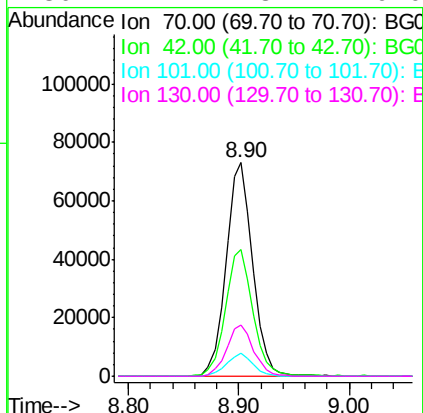
42 59.3 49.1 73.7

101 10.8 8.5 12.7

130 24.2 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 36.275 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion: 107 Resp: 209527

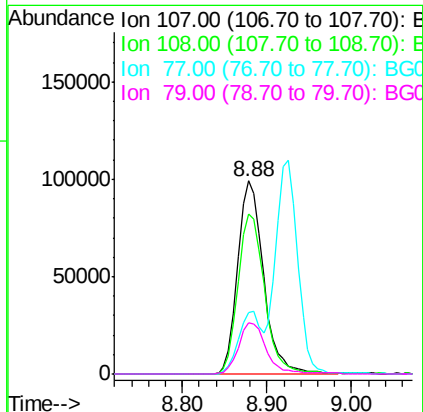
Ion Ratio Lower Upper

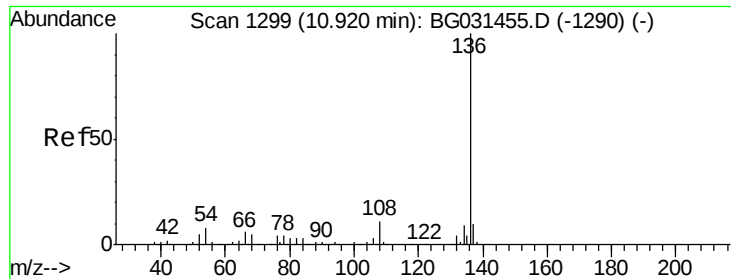
107 100

108 83.2 61.6 101.6

77 31.7 13.9 53.9

79 26.7 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG031604.D

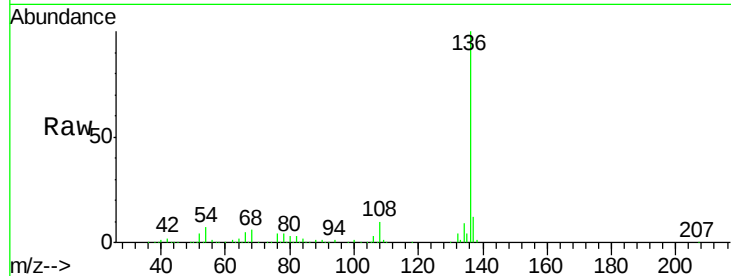
Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

ClientSampleId :

EPE-125-4(0-5)MSD



Tgt Ion:136 Resp: 313907

Ion Ratio Lower Upper

136 100

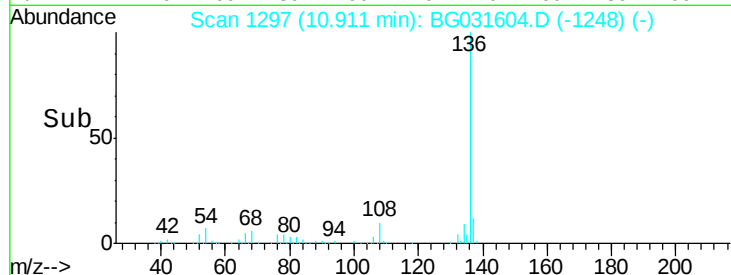
137 12.0 9.2 13.8

54 6.5 10.3 15.5#

68 5.6 4.5 6.7

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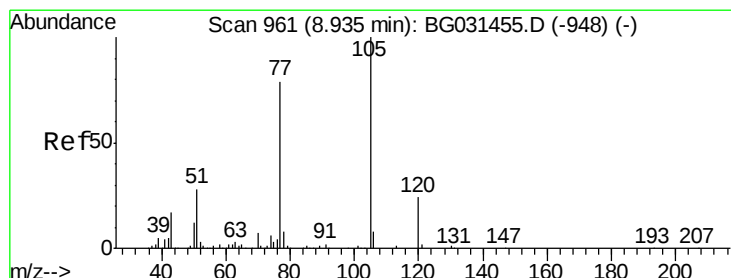
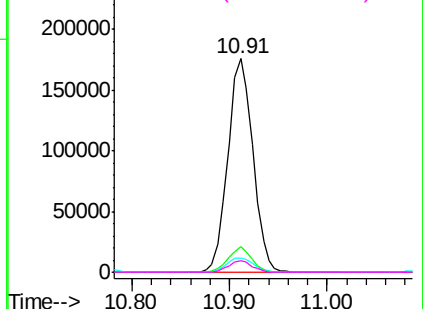


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.135 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion:105 Resp: 257061

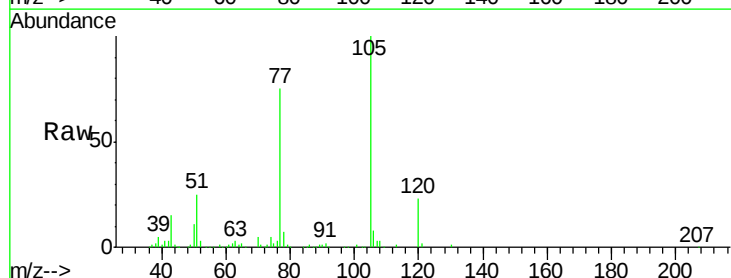
Ion Ratio Lower Upper

105 100

71 0.8 3.0 4.4#

51 25.2 26.1 39.1#

120 22.9 17.4 26.2

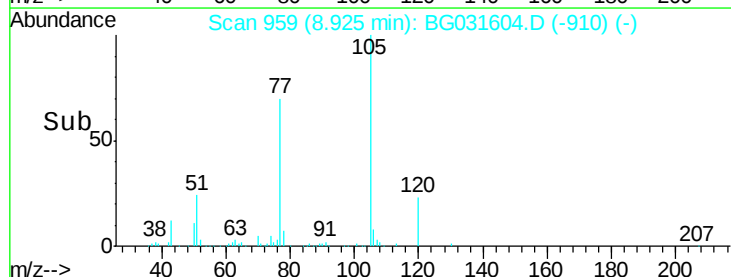
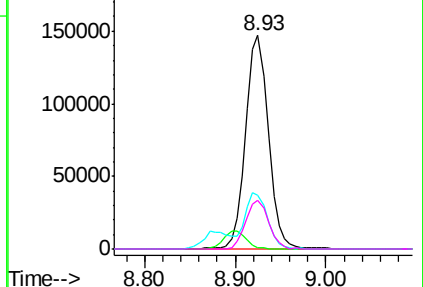


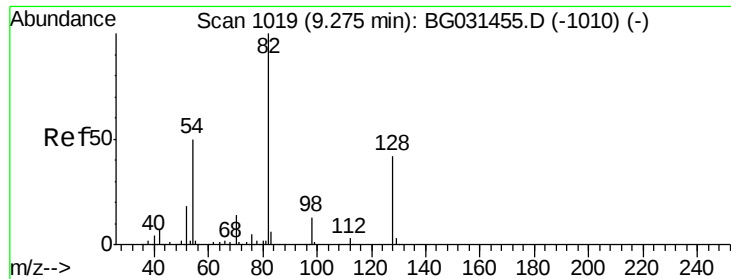
Abundance Ion 105.00 (104.70 to 105.70): E

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





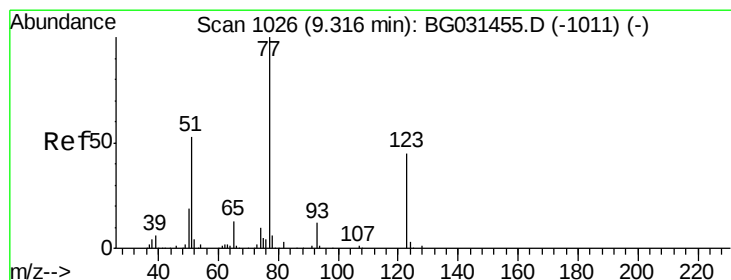
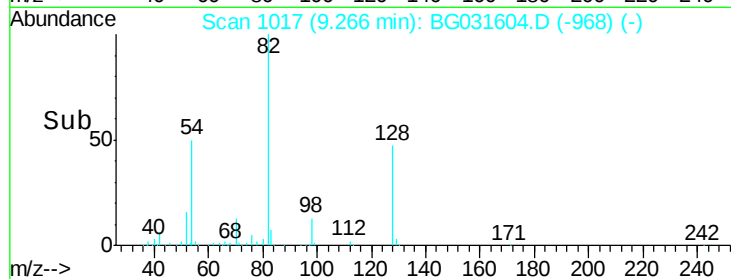
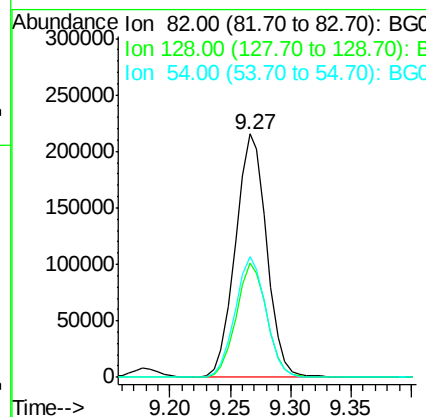
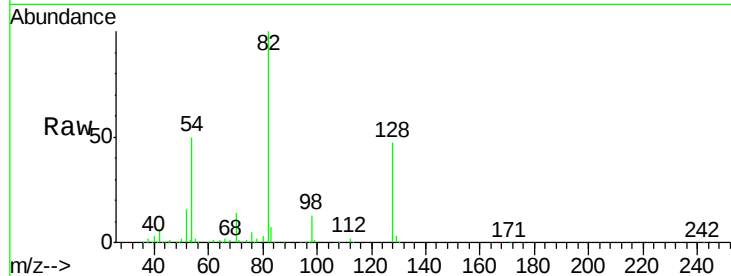
#23
Nitrobenzene-d5
Concen: 75.887 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	29.7	44.5#
54	49.8	43.1	64.7

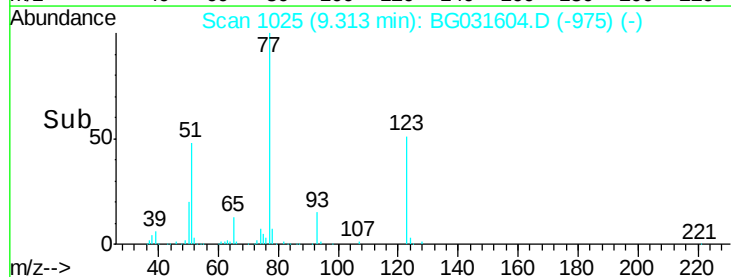
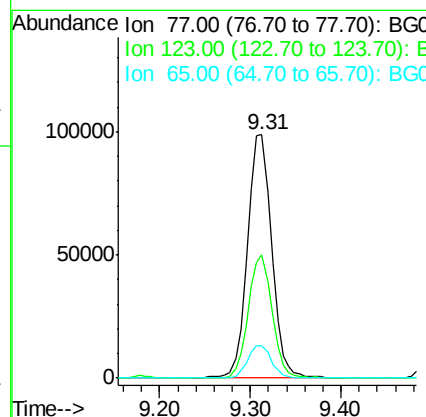
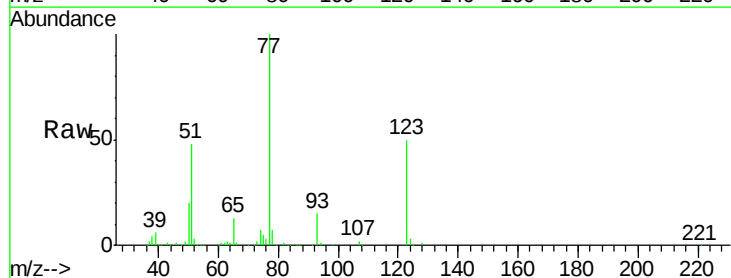
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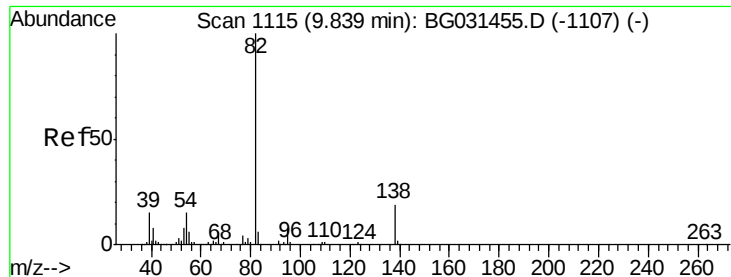
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#24
Nitrobenzene
Concen: 35.178 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	33.0	49.6#
65	13.4	13.0	19.6





#25

Isophorone

Concen: 36.602 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

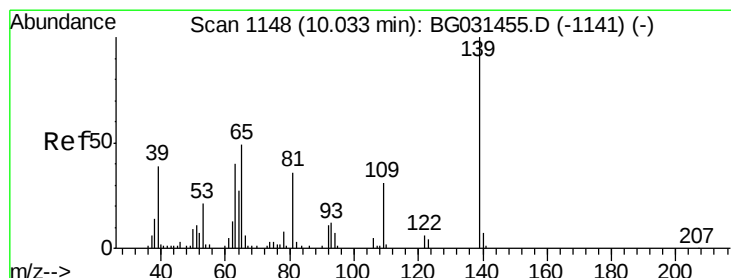
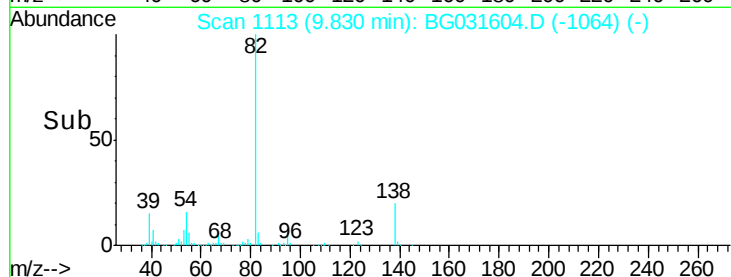
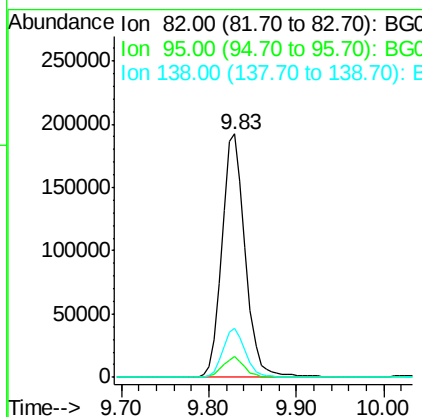
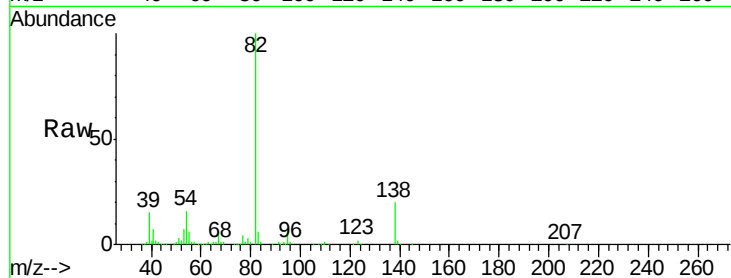
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	8.4	6.2	9.2
138	20.0	12.1	18.1#

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#26

2-Nitrophenol

Concen: 39.595 ng

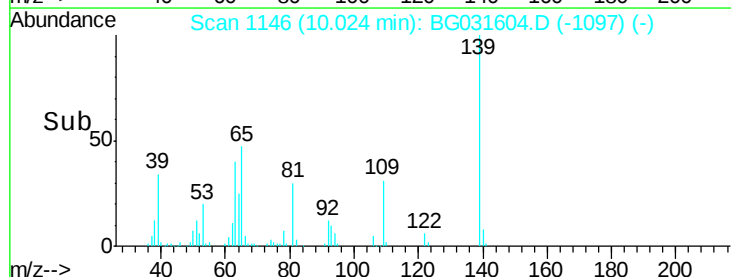
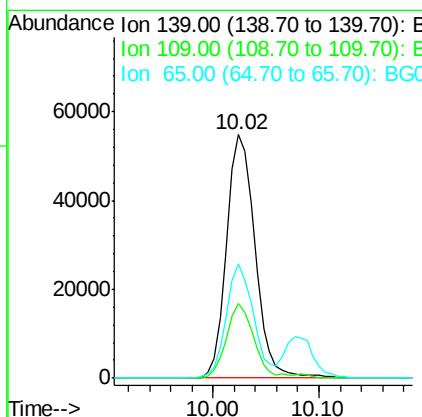
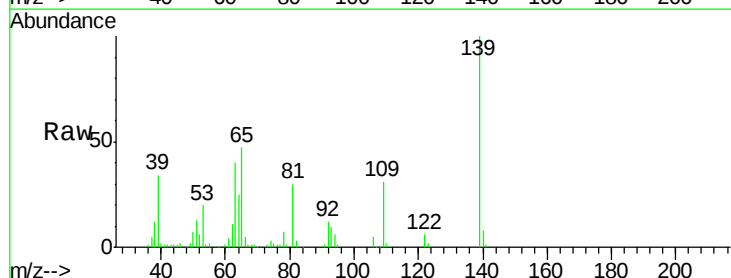
RT: 10.02 min Scan# 1146

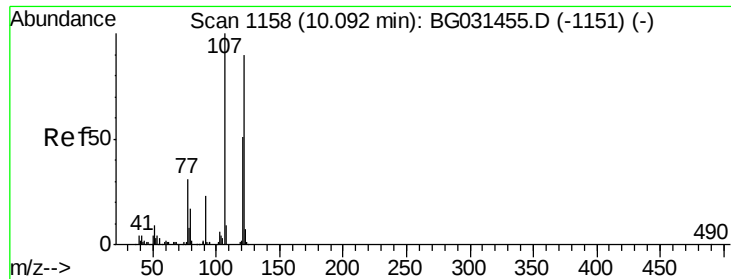
Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	30.7	24.2	36.2
65	46.9	47.4	71.0#





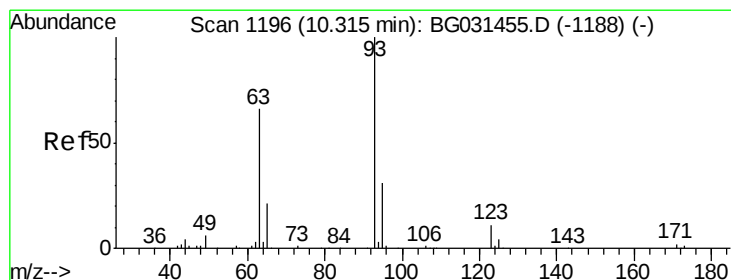
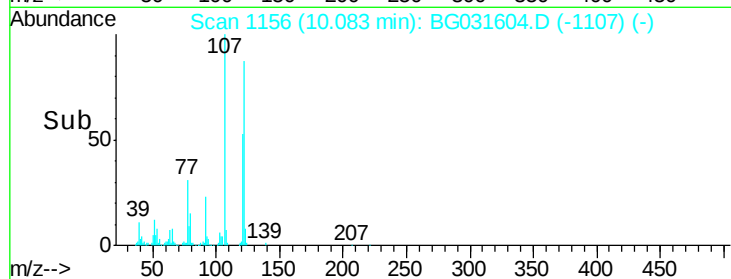
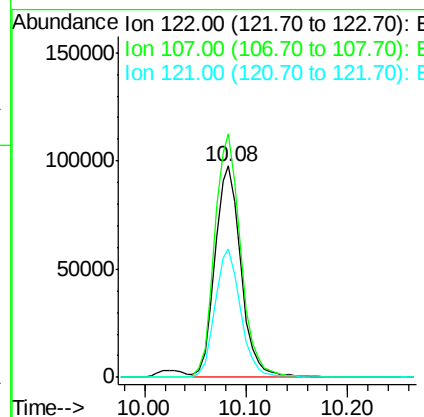
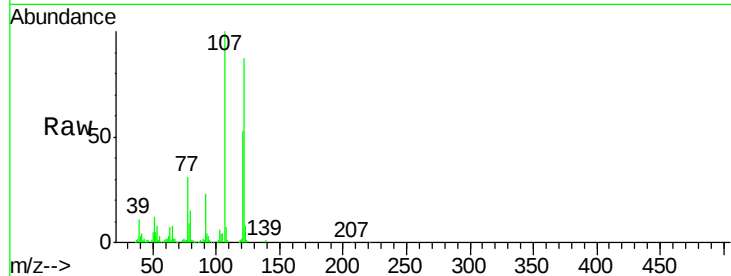
#27
2,4-Dimethylphenol
Concen: 44.099 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.2	100.2	150.2
121	60.7	44.4	66.6

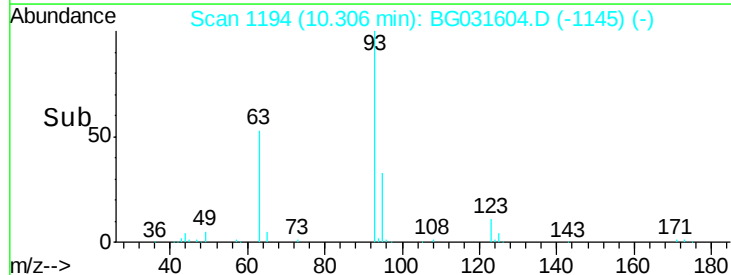
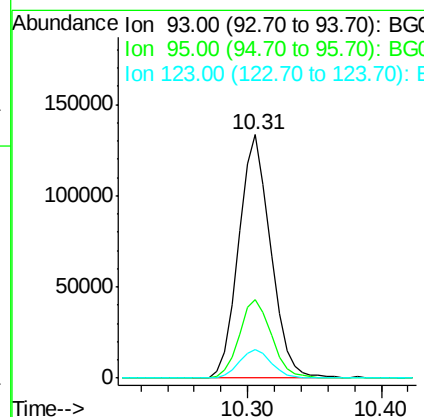
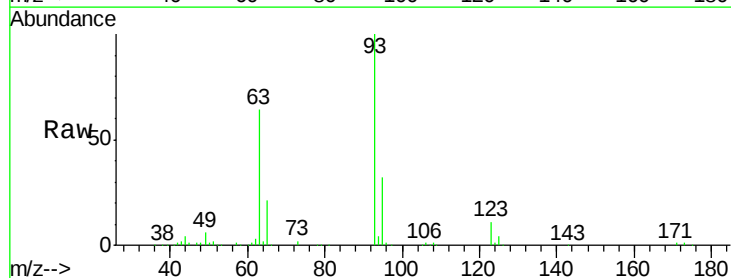
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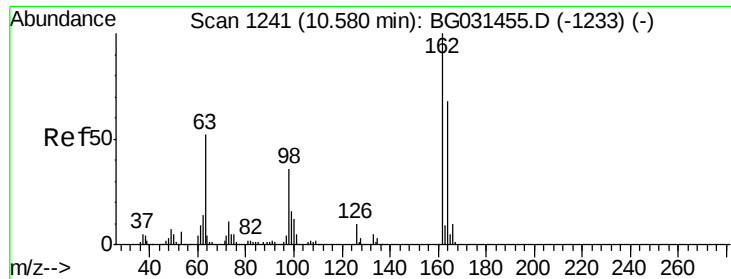
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#28
bis(2-Chloroethoxy)methane
Concen: 35.656 ng
RT: 10.31 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	11.5	8.4	12.6





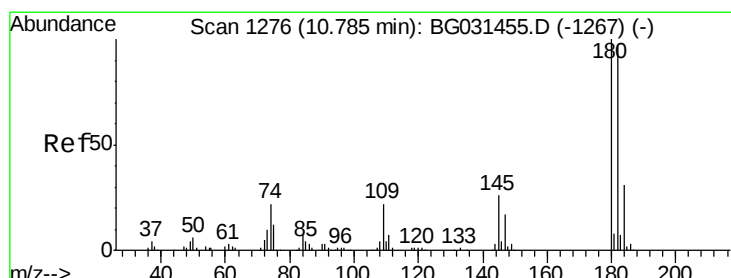
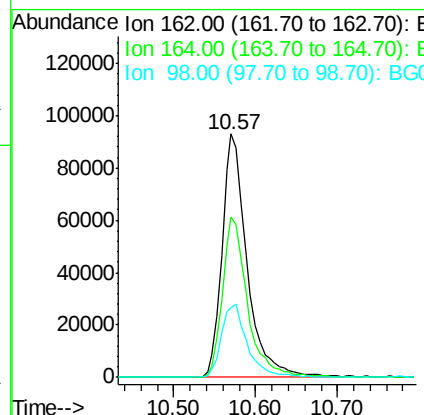
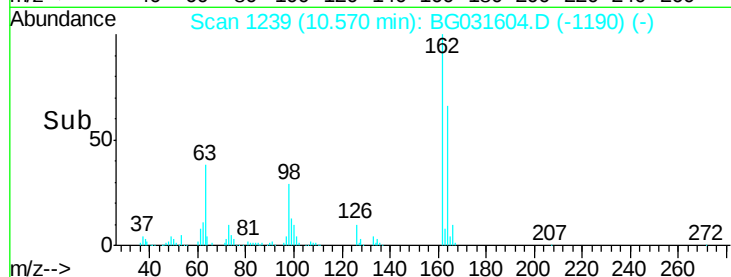
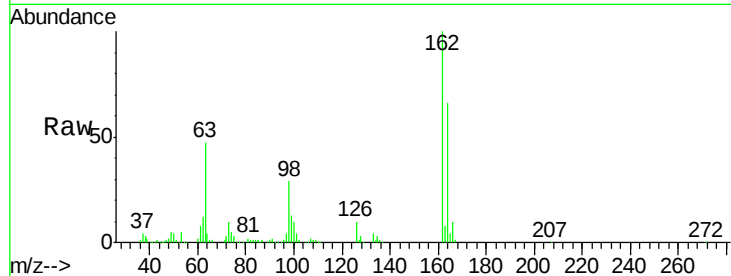
#29
2,4-Dichlorophenol
Concen: 42.723 ng
RT: 10.57 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	197321		
164	65.9	48.0	88.0	
98	28.6	21.1	61.1	

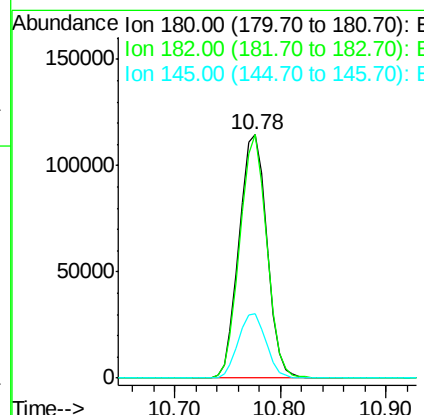
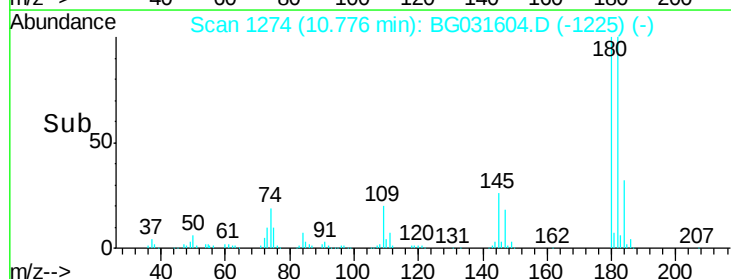
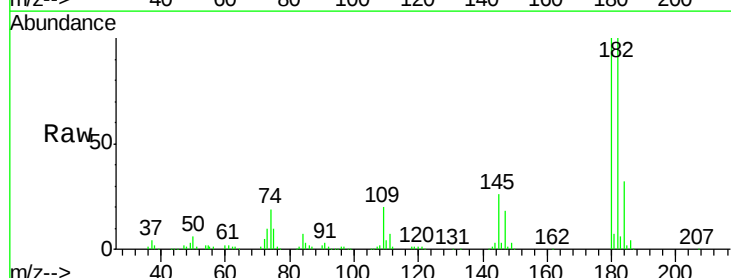
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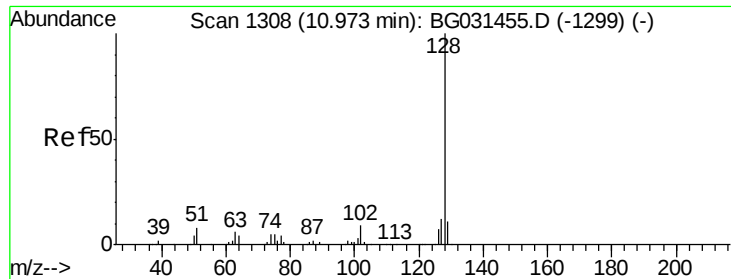
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#30
1,2,4-Trichlorobenzene
Concen: 35.398 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	208836		
182	99.8	77.5	116.3	
145	26.4	23.4	35.2	





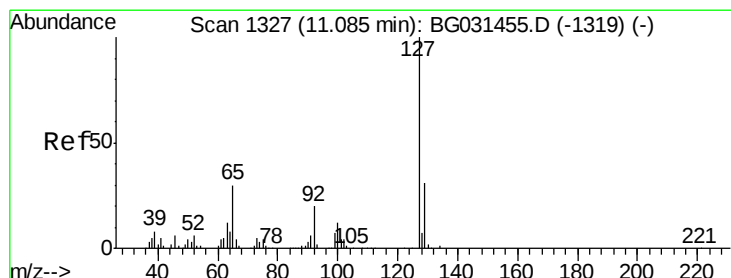
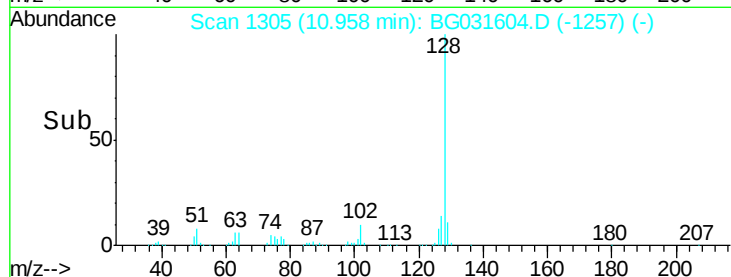
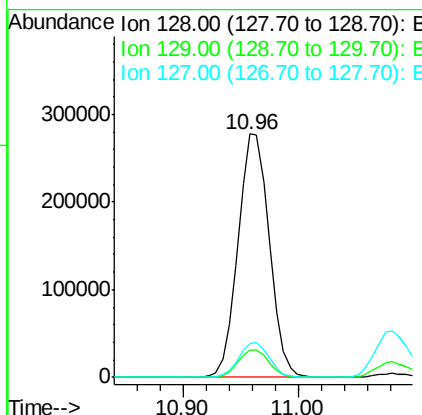
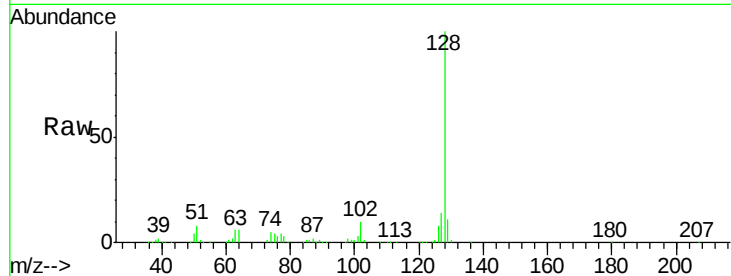
#31
Naphthalene
Concen: 33.865 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	522252		
129	11.5	8.6	12.8	
127	14.0	11.6	17.4	

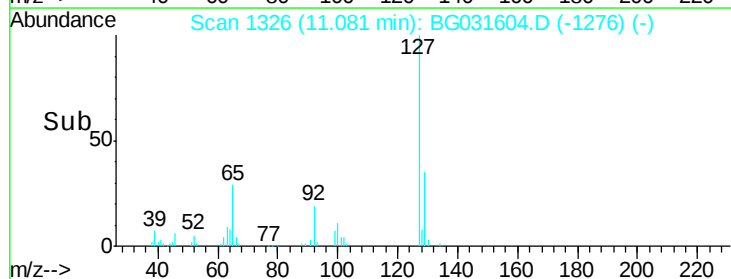
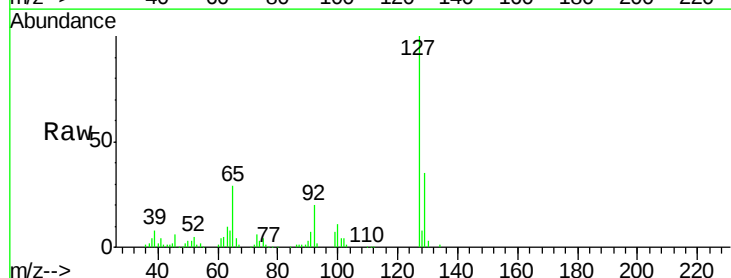
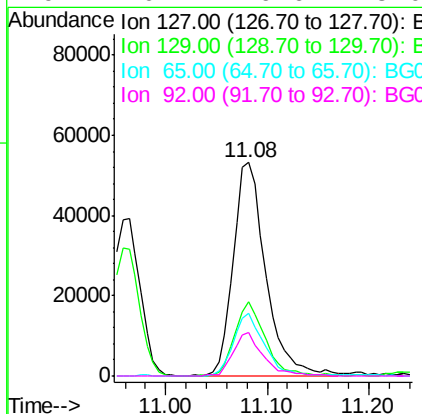
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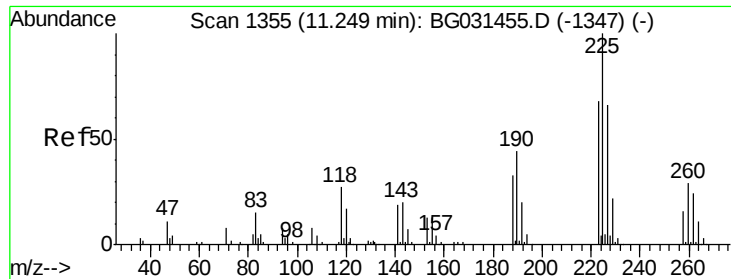
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#33
4-Chloroaniline
Concen: 17.691 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	118454		
129	34.6	24.0	36.0	
65	29.5	27.0	40.4	
92	20.4	16.6	25.0	





#34

Hexachlorobutadiene

Concen: 33.843 ng

RT: 11.24 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

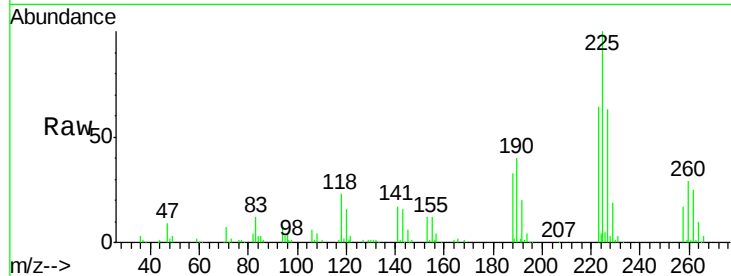
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:	225	Resp:	132438
Ion Ratio		Lower	Upper
225	100		
223	63.7	49.7	74.5
227	63.1	48.1	72.1

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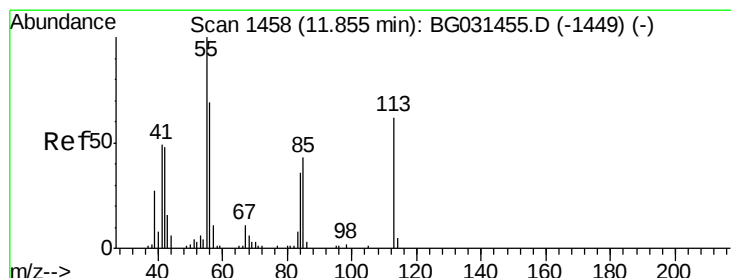
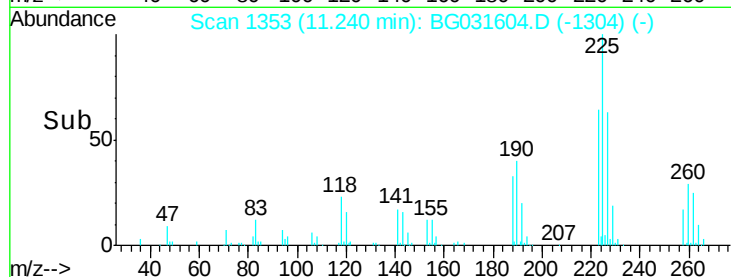
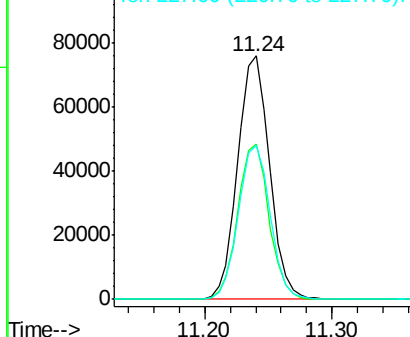


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 39.966 ng m

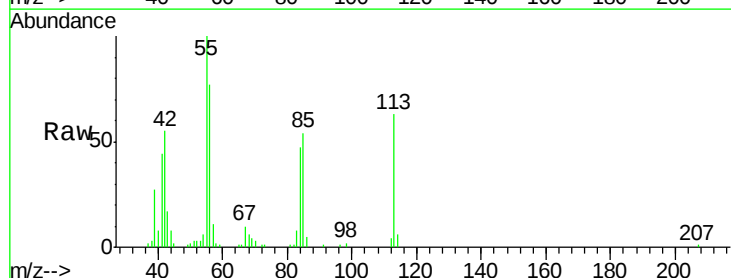
RT: 11.85 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion:	113	Resp:	72482
Ion Ratio		Lower	Upper
113	100		
55	159.2	186.9	226.9#
56	122.3	130.9	170.9#

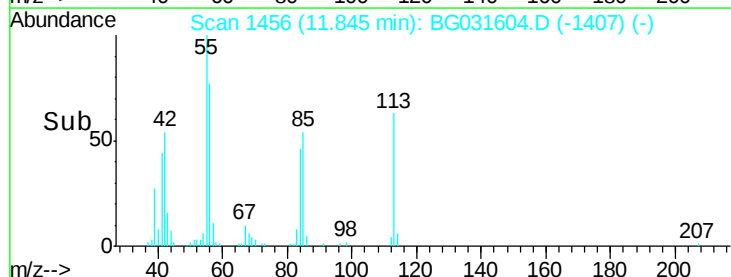
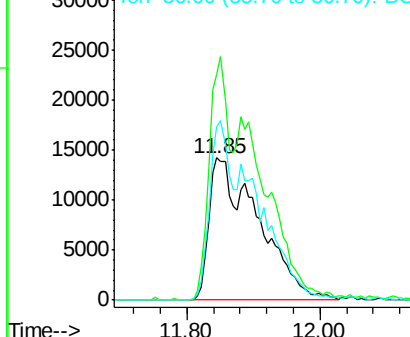


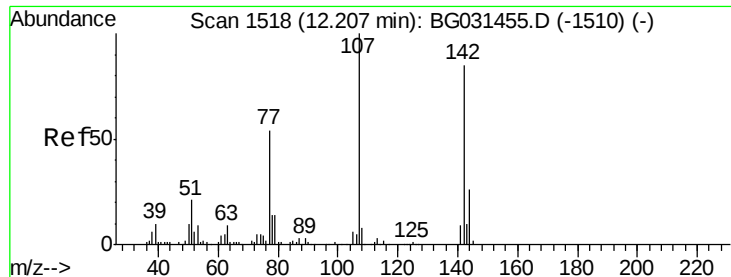
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





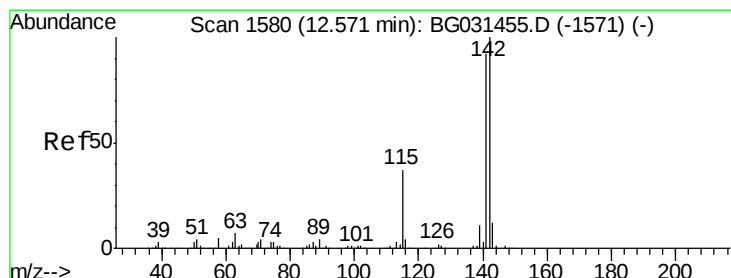
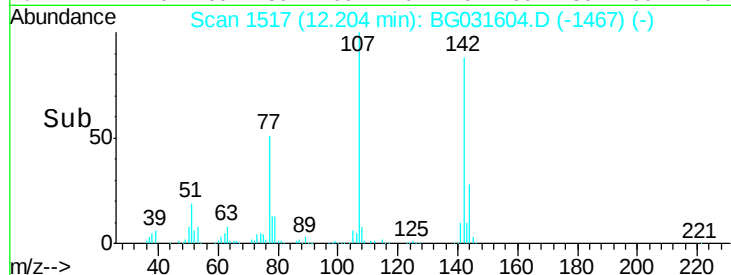
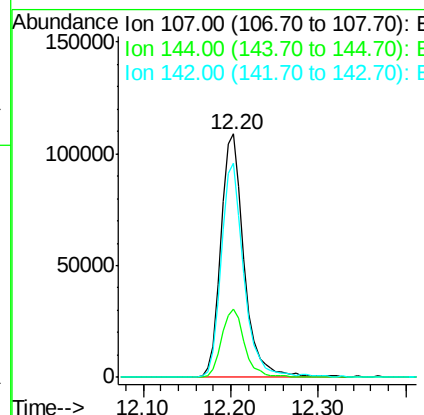
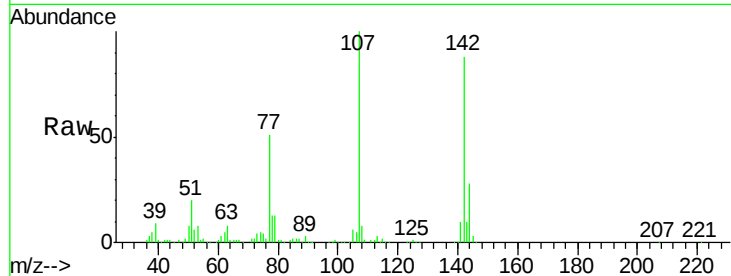
#36
 4-Chloro-3-methylphenol
 Concen: 38.146 ng
 RT: 12.20 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BG031604.D
 Acq: 16 Dec 2017 1:13

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
144	28.0	18.2	27.4#
142	87.9	59.0	88.4

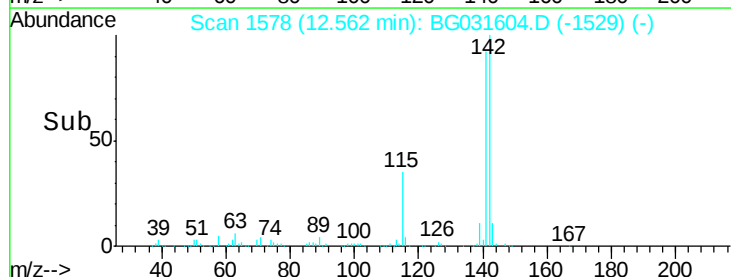
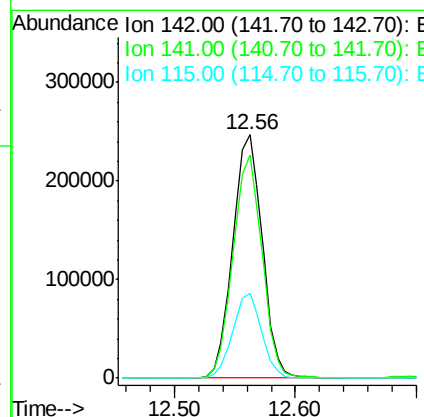
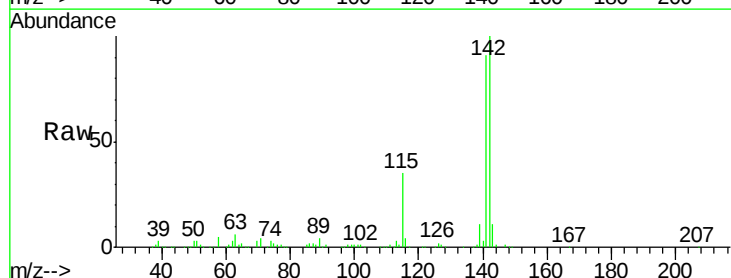
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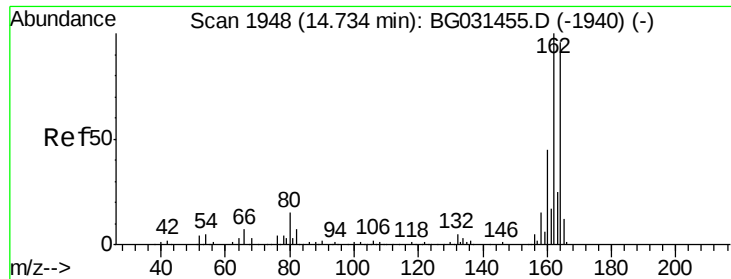
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#37
 2-Methylnaphthalene
 Concen: 35.325 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BG031604.D
 Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	91.5	67.1	100.7
115	34.9	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG031604.D

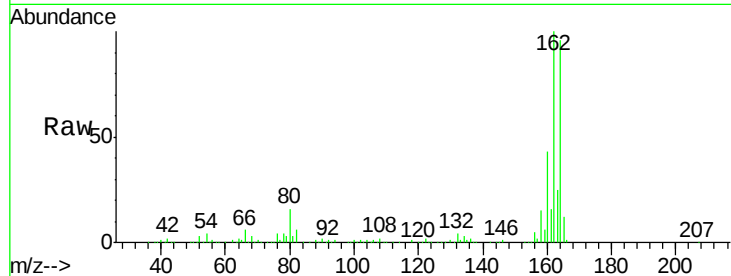
Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

ClientSampleId :

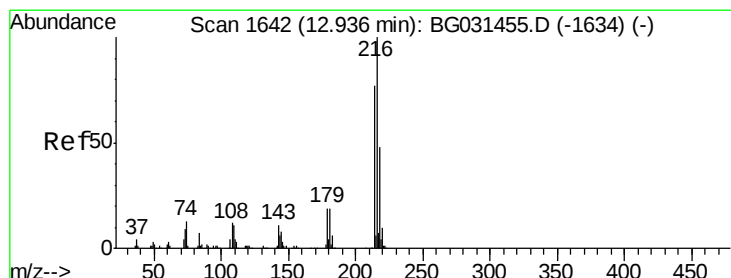
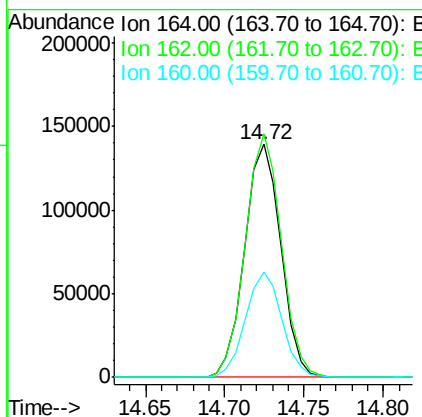
EPE-125-4(0-5)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.5	78.8	118.2	
160	45.1	35.4	53.0	

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.561 ng

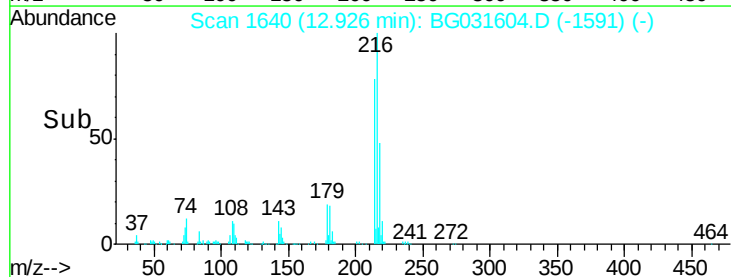
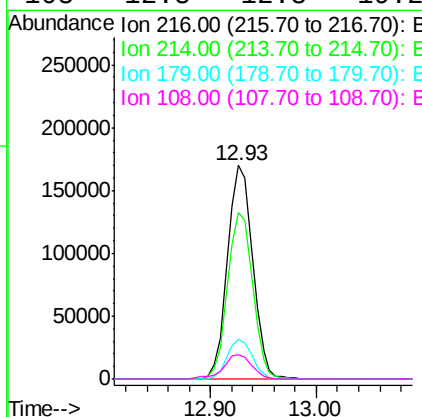
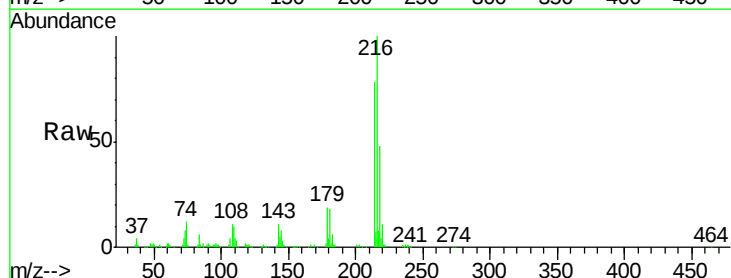
RT: 12.93 min Scan# 1640

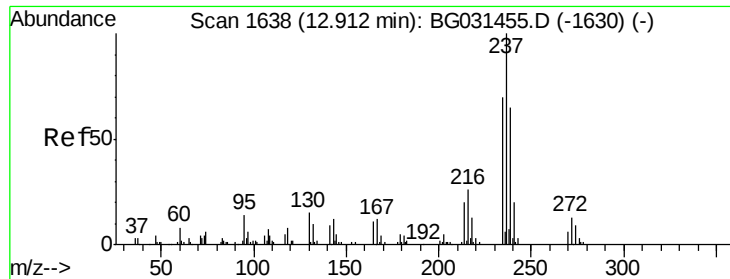
Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.9	63.0	94.4	
179	18.5	17.0	25.6	
108	12.8	12.8	19.2	#





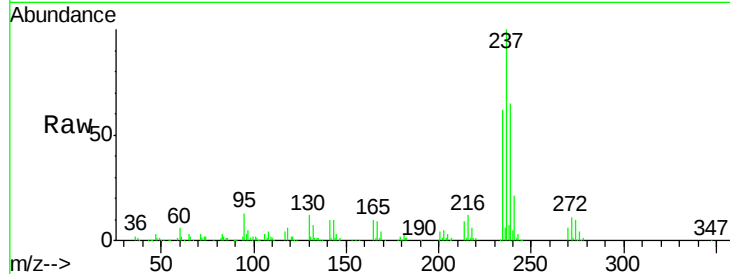
#40
Hexachlorocyclopentadiene
Concen: 55.666 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

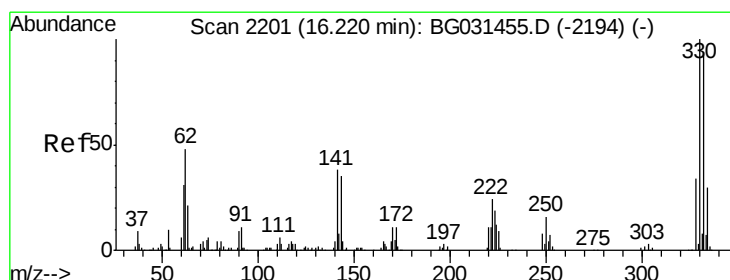
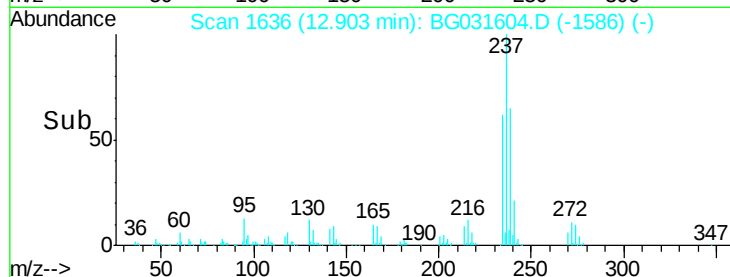
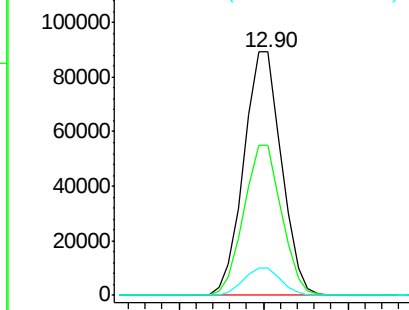
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.8	50.4	90.4
272	11.0	0.0	31.8

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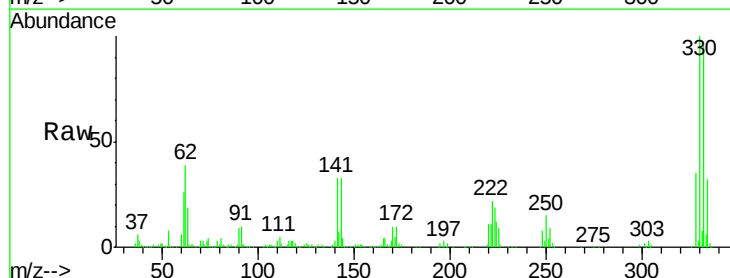


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

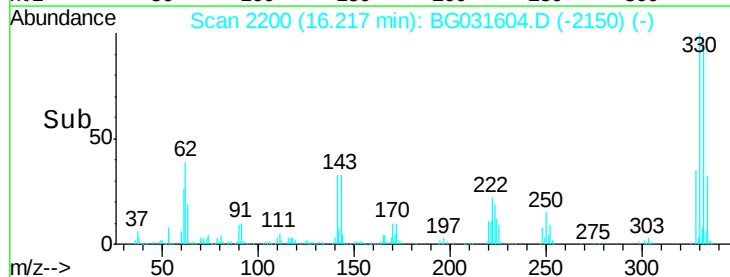
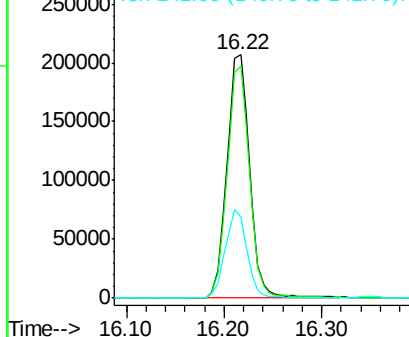


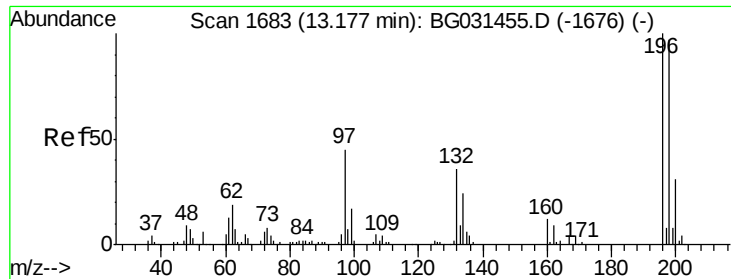
#41
2,4,6-Tribromophenol
Concen: 129.209 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.1	77.0	115.6
141	35.1	25.2	37.8



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





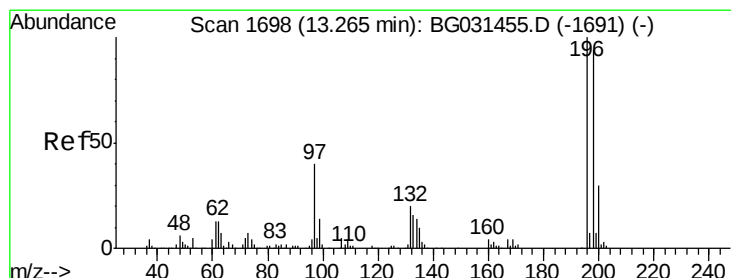
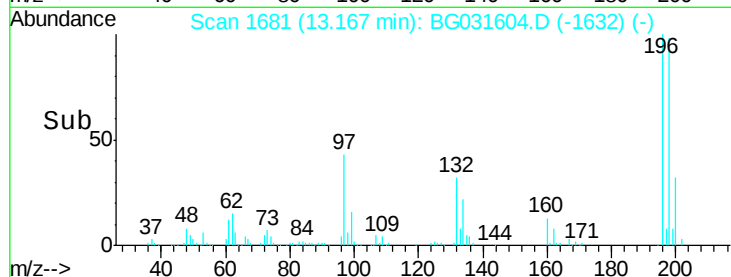
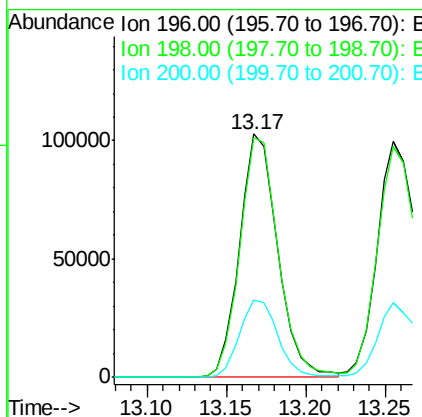
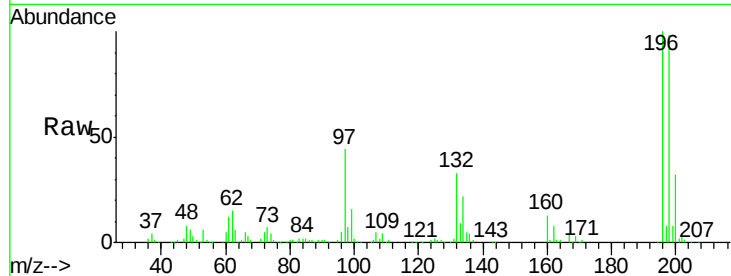
#42
 2,4,6-Trichlorophenol
 Concen: 39.131 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG031604.D
 Acq: 16 Dec 2017 1:13

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172197		
198	98.3	78.2	117.2	
200	31.5	24.6	36.8	

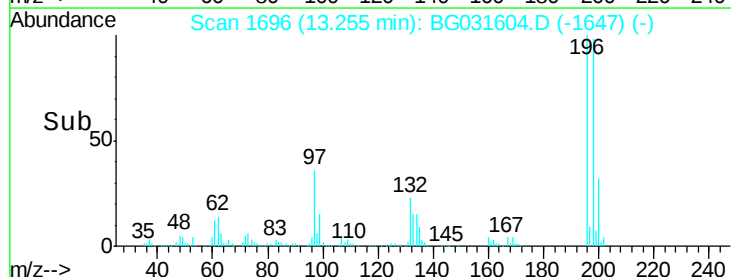
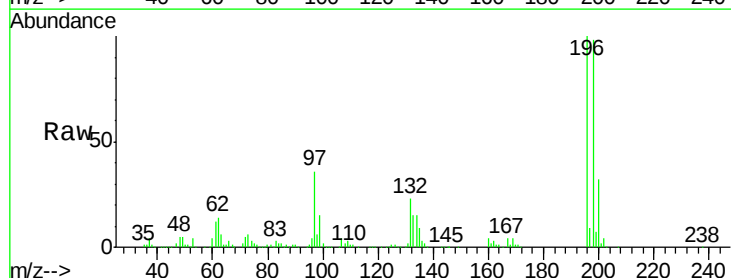
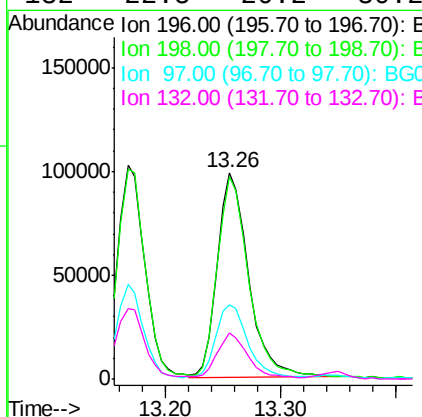
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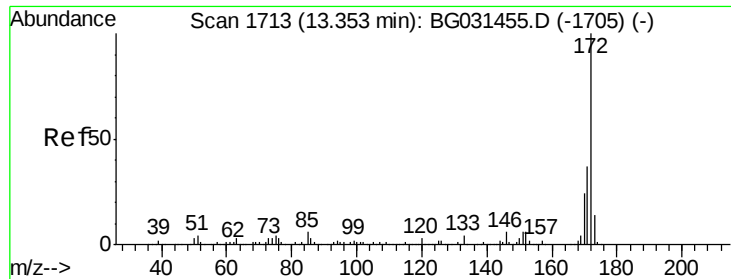
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#43
 2,4,5-Trichlorophenol
 Concen: 39.398 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG031604.D
 Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186756		
198	98.1	76.2	114.4	
97	35.8	38.7	58.1#	
132	22.5	20.2	30.2	





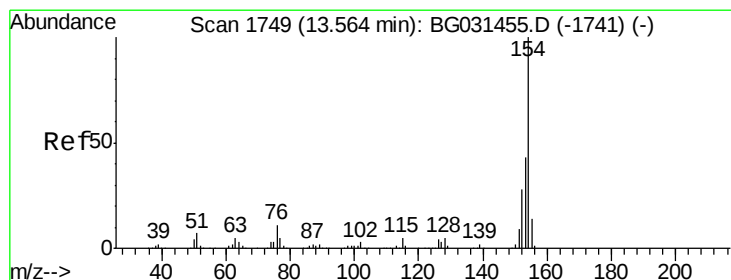
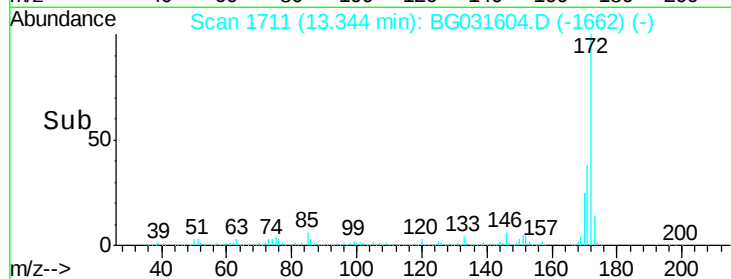
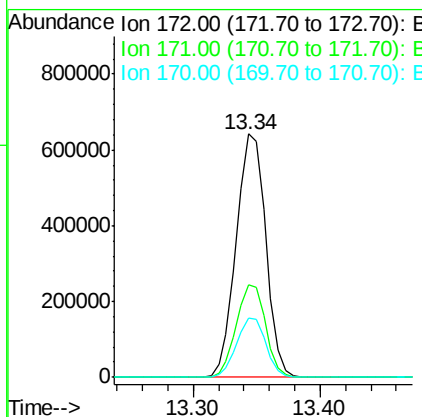
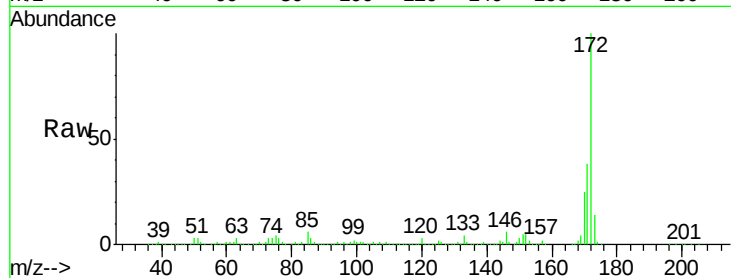
#44
 2-Fluorobiphenyl
 Concen: 69.056 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031604.D
 Acq: 16 Dec 2017 1:13

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.6	19.5	29.3

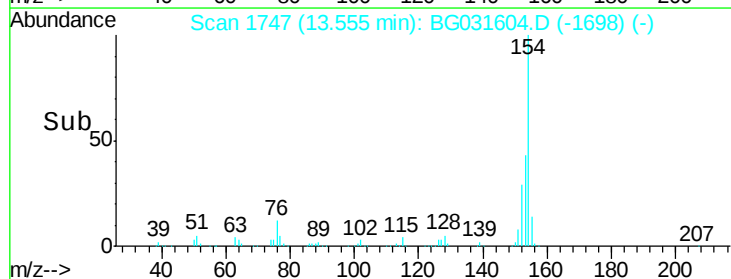
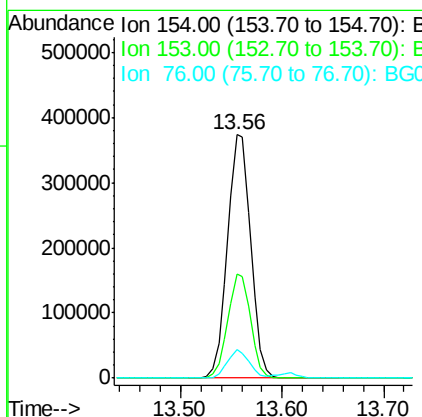
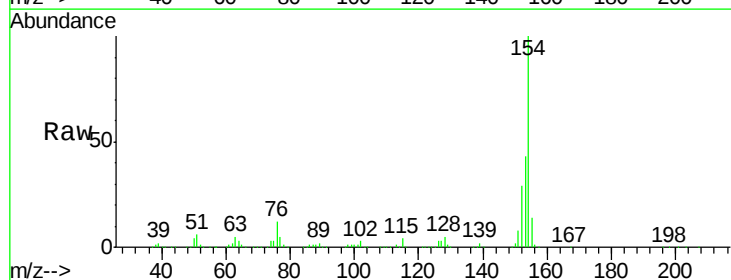
Manual Integrations
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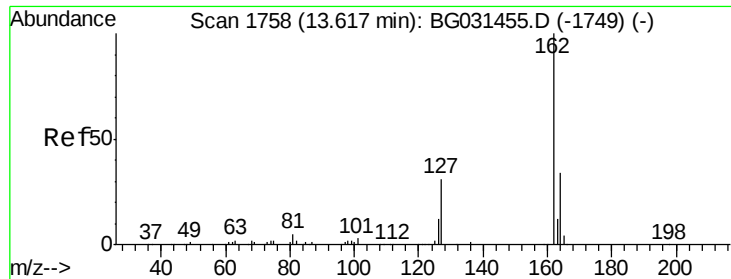
Sohil
 12/18/2017 5:07:54 PM



#45
 1,1'-Biphenyl
 Concen: 32.742 ng
 RT: 13.56 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG031604.D
 Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	19.8	59.8
76	11.7	0.0	31.9





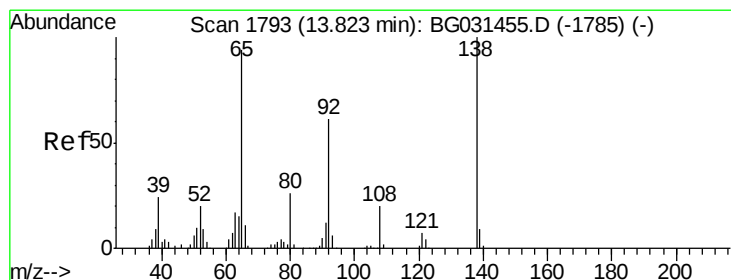
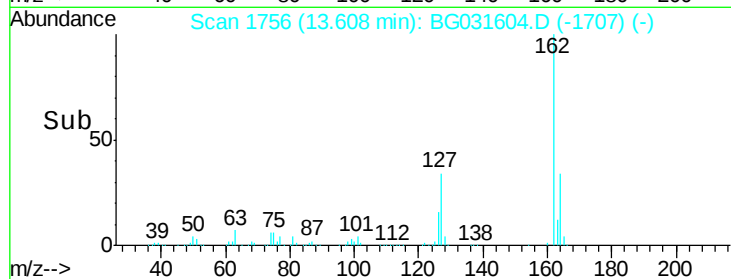
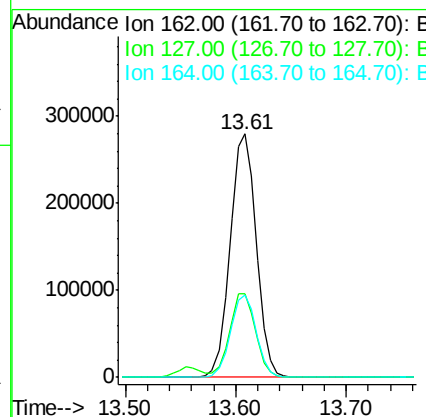
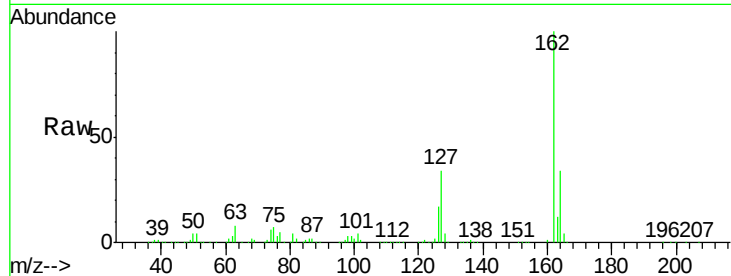
#46
2-Chloronaphthalene
Concen: 34.905 ng
RT: 13.61 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.4	30.7	46.1
164	33.9	26.0	39.0

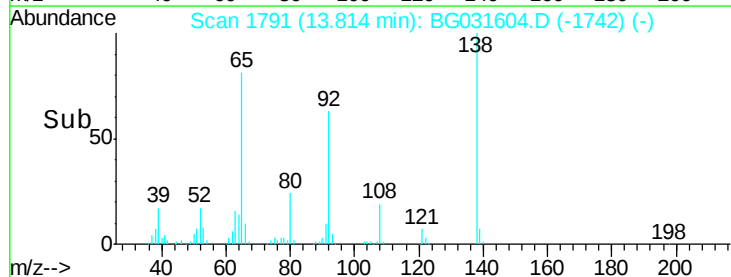
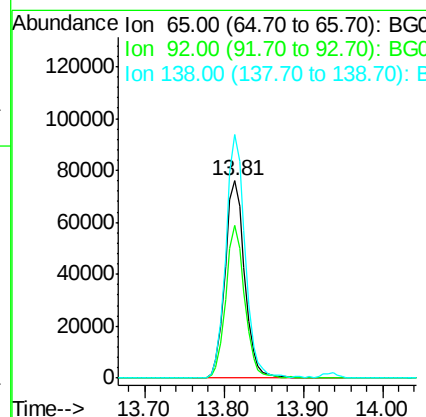
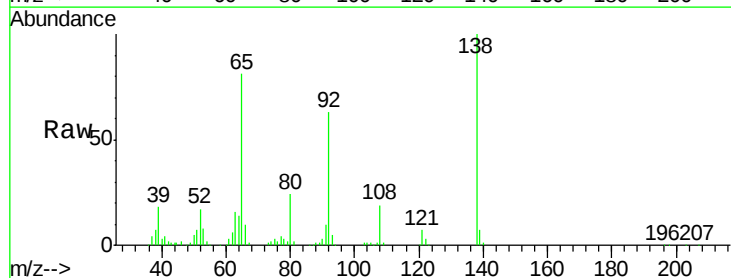
Manual Integrations
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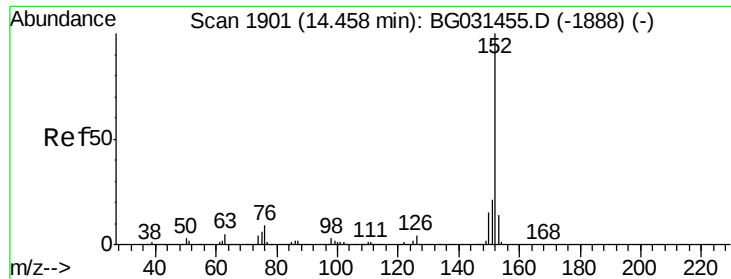
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#47
2-Nitroaniline
Concen: 35.274 ng
RT: 13.81 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.6	54.6	82.0
138	123.3	72.9	109.3





#48

Acenaphthylene

Concen: 33.088 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

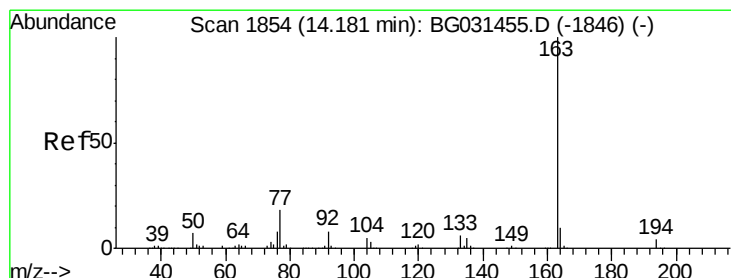
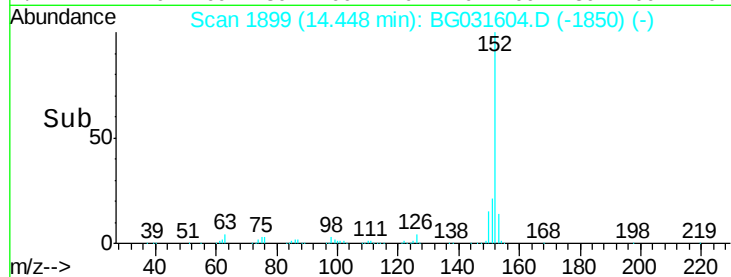
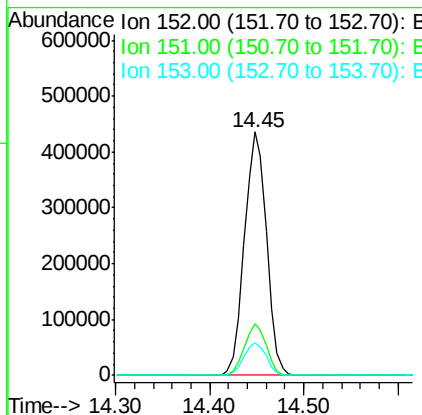
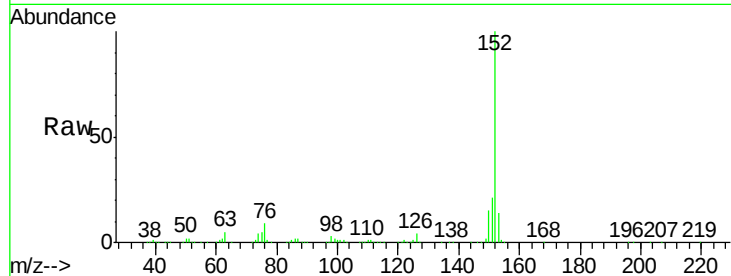
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt	Ion	Ratio	Lower	Upper
152	100			
151	21.5	17.2	25.8	
153	13.5	10.2	15.4	

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#49

Dimethylphthalate

Concen: 40.640 ng

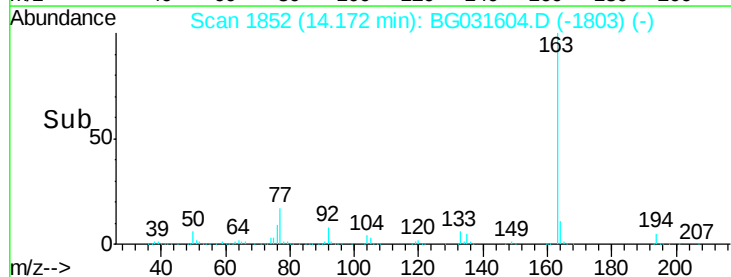
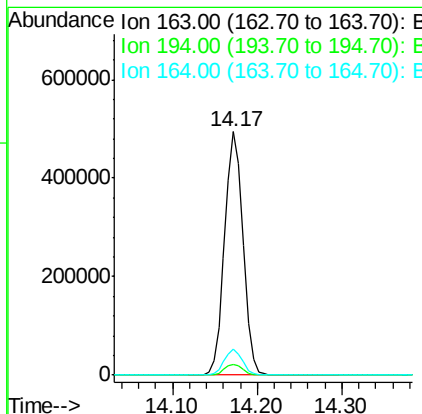
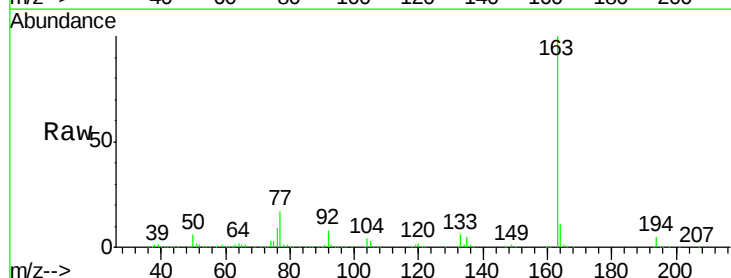
RT: 14.17 min Scan# 1852

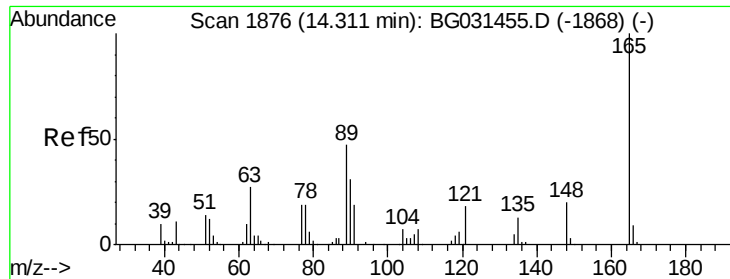
Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt	Ion	Ratio	Lower	Upper
163	100			
194	4.5	3.4	5.2	
164	10.9	8.2	12.4	





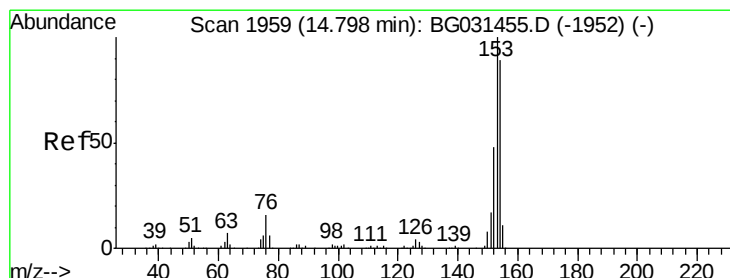
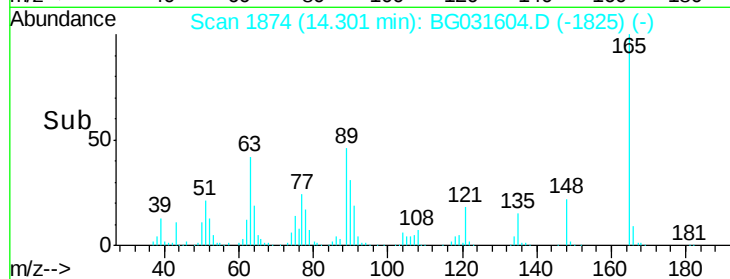
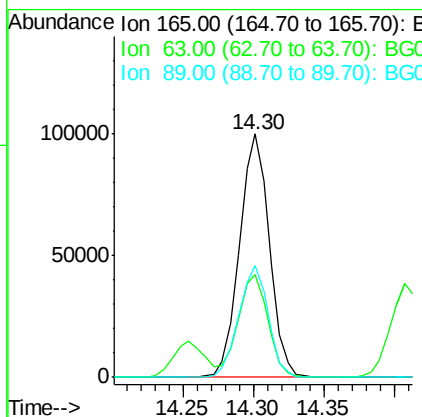
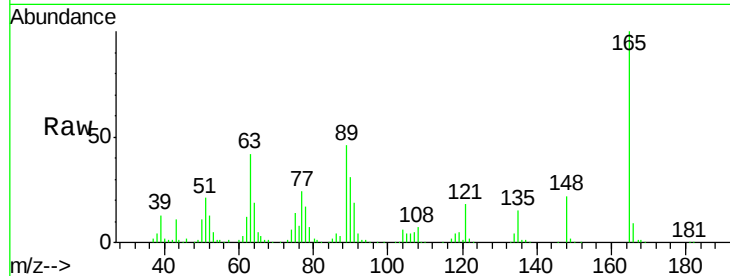
#50
2,6-Dinitrotoluene
Concen: 37.668 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146901		
63	42.0	52.7	79.1#	
89	45.8	49.2	73.8#	

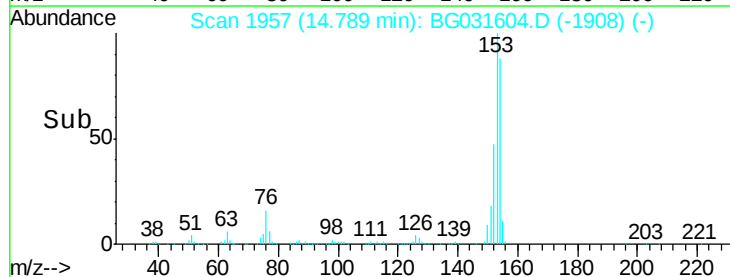
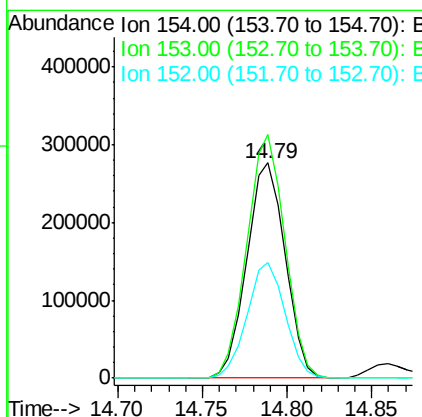
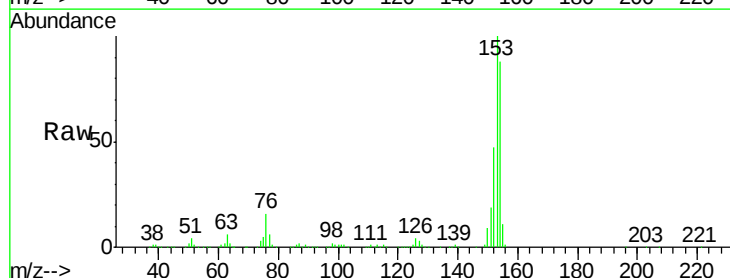
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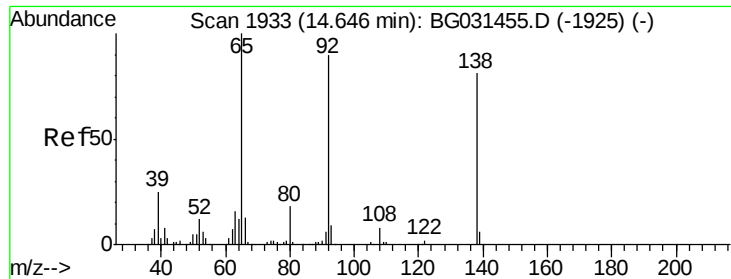
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#51
Acenaphthene
Concen: 32.481 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	437823		
153	113.3	90.4	135.6	
152	53.7	41.6	62.4	





#52

3-Nitroaniline

Concen: 25.111 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:138 Resp: 99828

Ion Ratio Lower Upper

138 100

108 9.9 17.5 26.3#

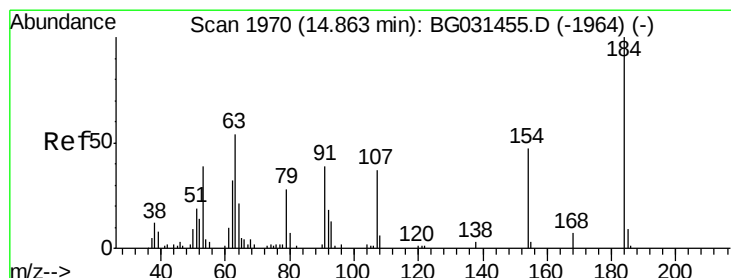
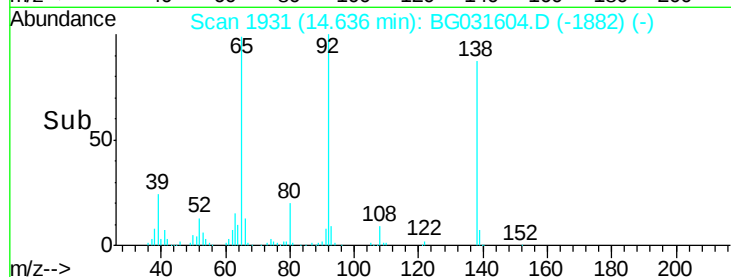
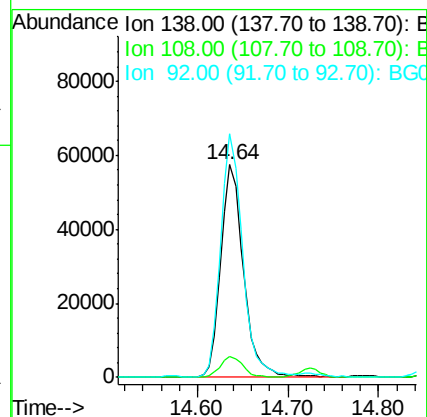
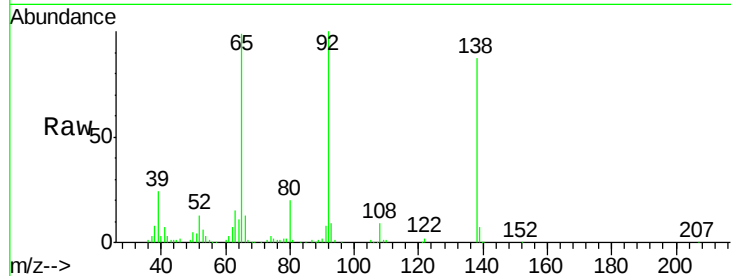
92 114.5 105.8 158.8

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#53

2,4-Dinitrophenol

Concen: 46.584 ng

RT: 14.86 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

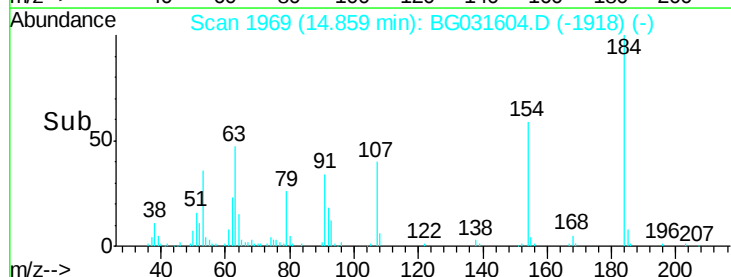
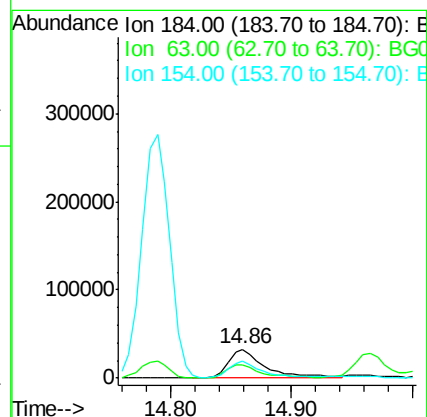
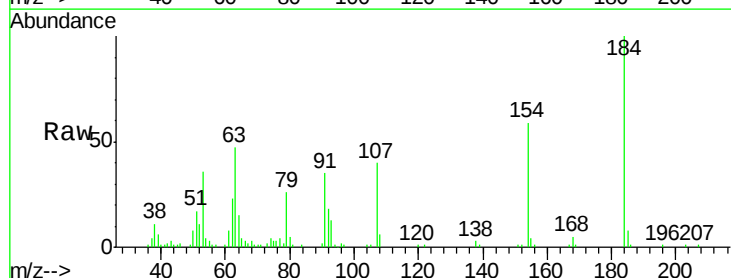
Tgt Ion:184 Resp: 68875

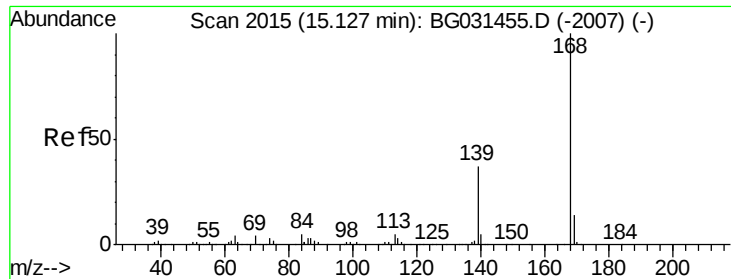
Ion Ratio Lower Upper

184 100

63 46.8 59.8 89.8#

154 59.3 101.8 152.8#





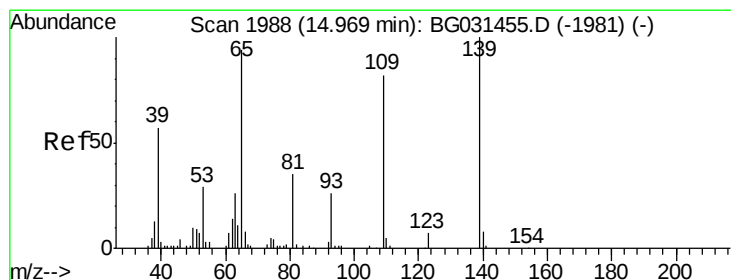
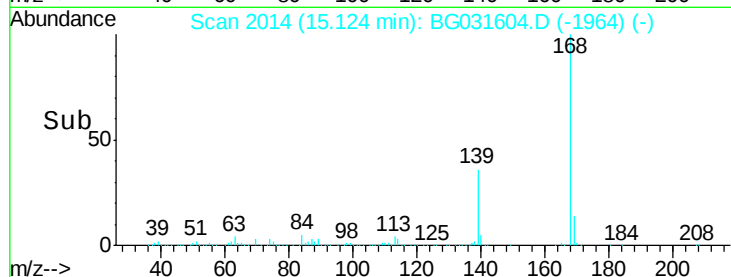
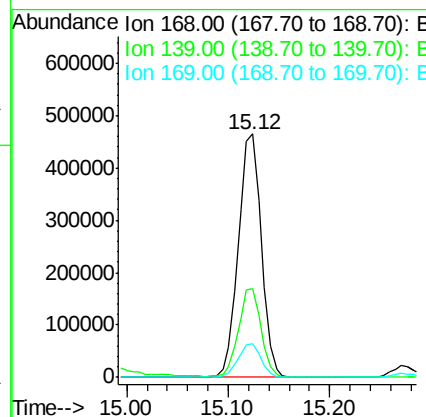
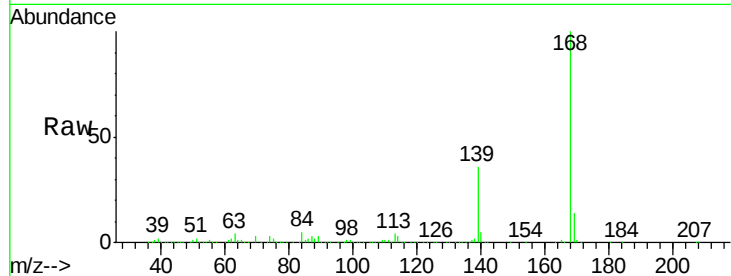
#54
Dibenzofuran
Concen: 33.923 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.9	11.2	16.8

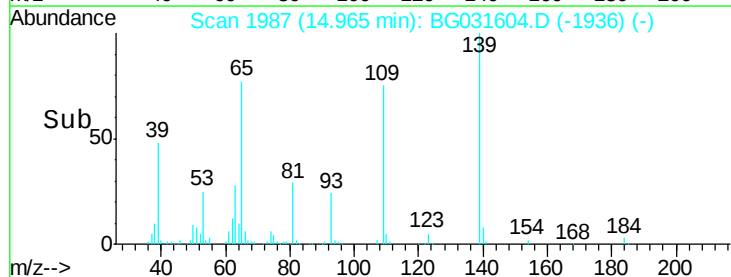
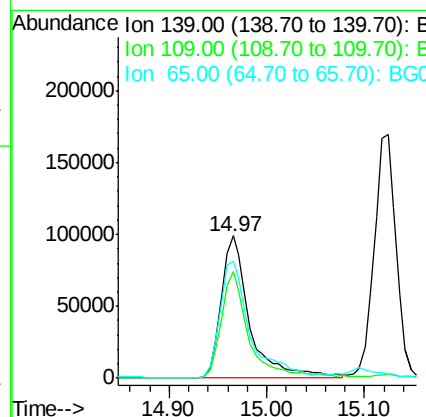
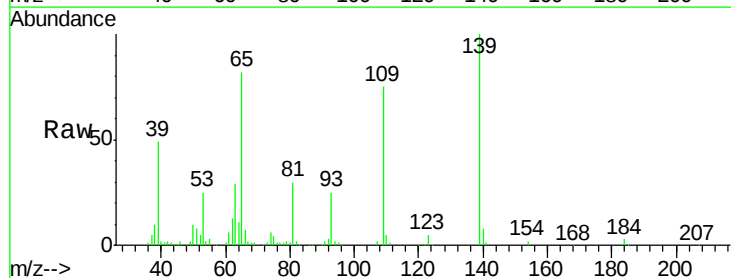
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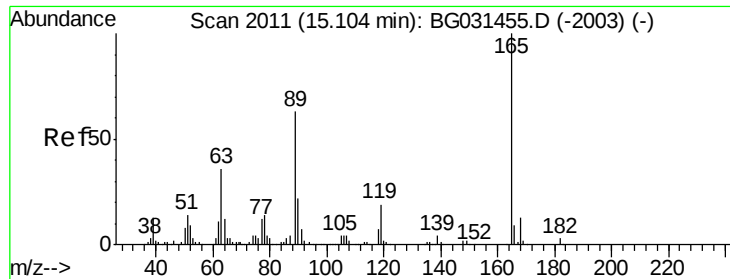
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#55
4-Nitrophenol
Concen: 75.185 ng
RT: 14.97 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.7	62.2	102.2
65	82.5	97.2	137.2#





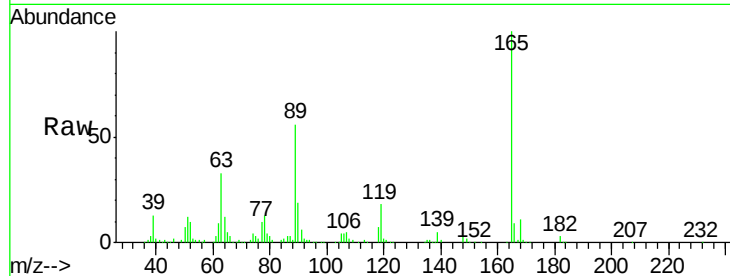
#56
2,4-Dinitrotoluene
Concen: 38.828 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	215071		
63	33.2	42.0	63.0#	
89	56.0	66.9	100.3#	
182	3.1	2.6	3.8	

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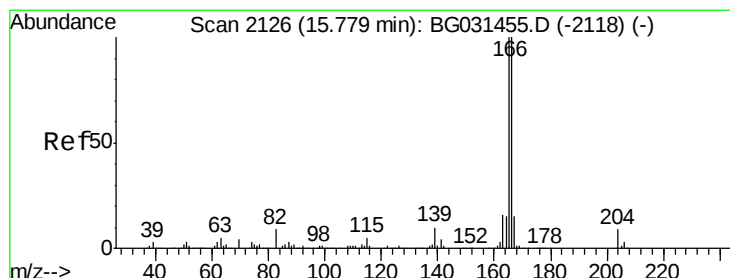
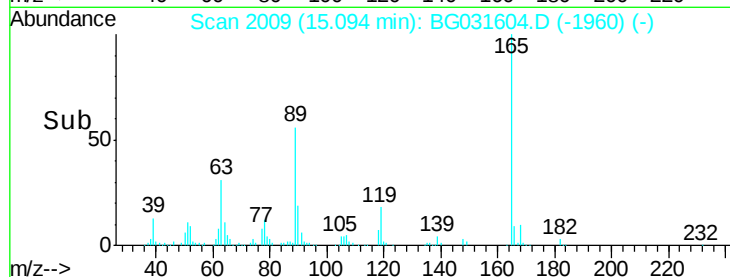
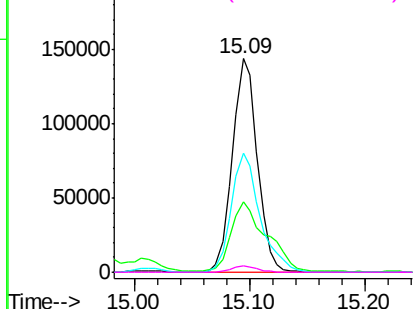


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



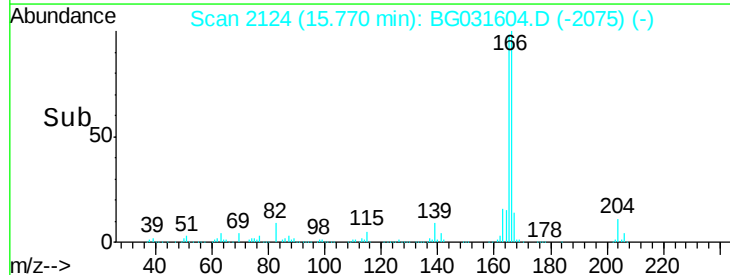
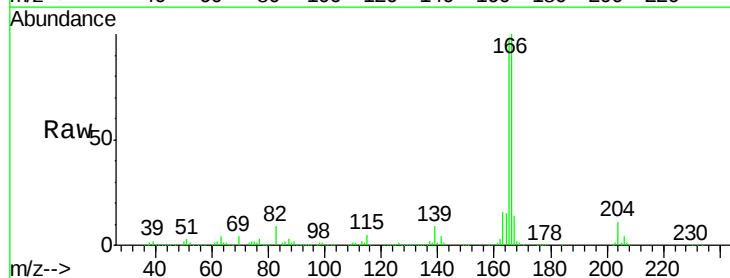
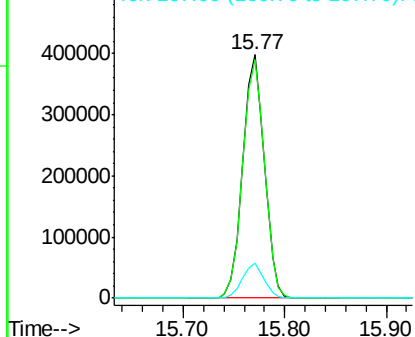
#57
Fluorene
Concen: 34.183 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

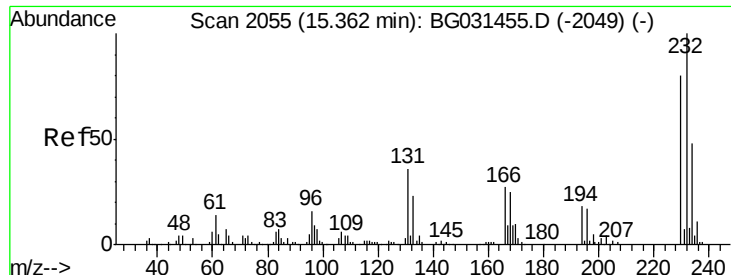
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	589142		
165	97.7	80.6	121.0	
167	14.2	10.4	15.6	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





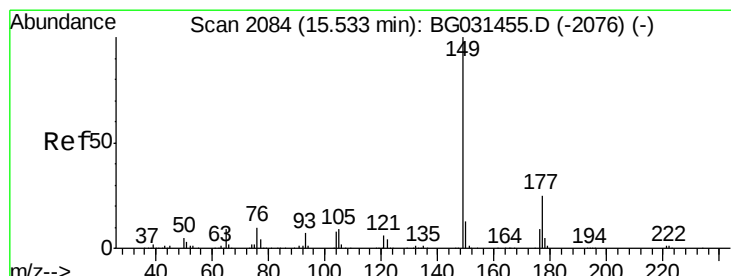
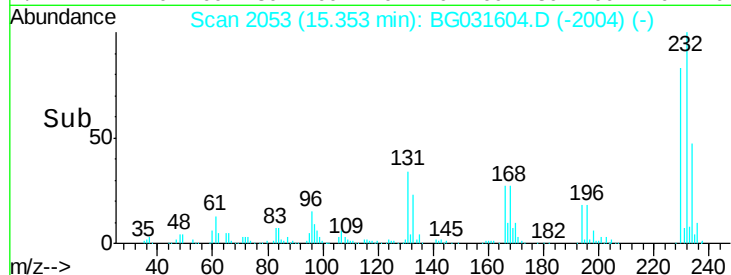
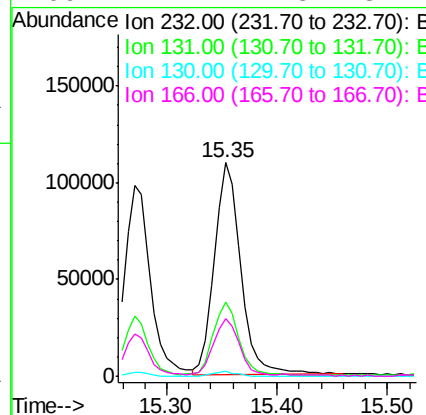
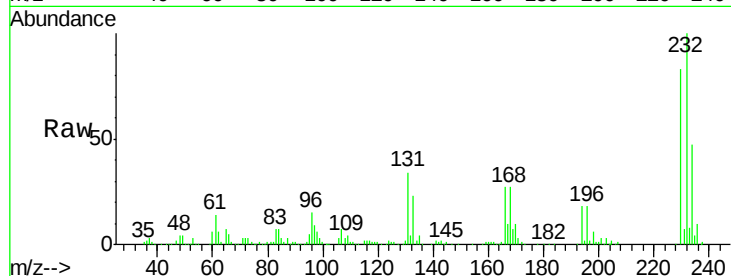
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.643 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG031604.D
 Acq: 16 Dec 2017 1:13

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	181092		
131	33.8	33.5	50.3	
130	2.0	2.2	3.2	
166	27.7	24.8	37.2	

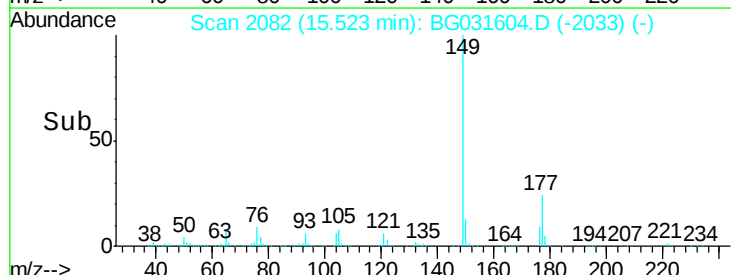
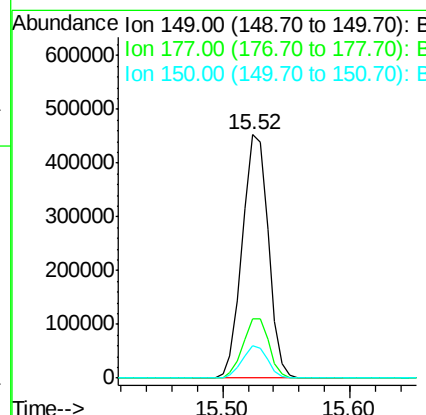
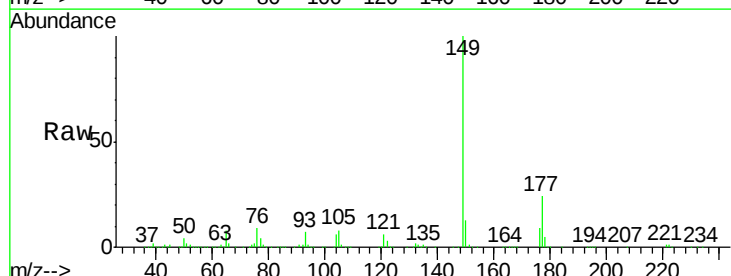
Manual Integrations
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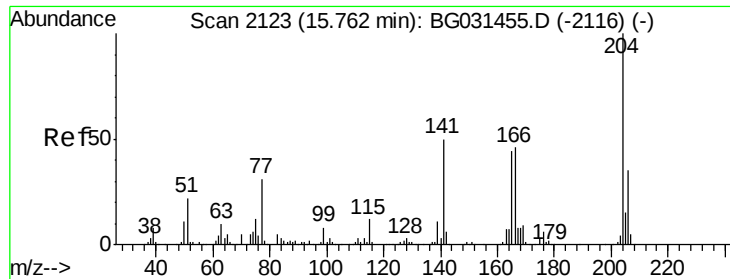
Sohil
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#59
 Diethylphthalate
 Concen: 35.122 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG031604.D
 Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	642333		
177	24.2	18.5	27.7	
150	13.2	10.2	15.2	





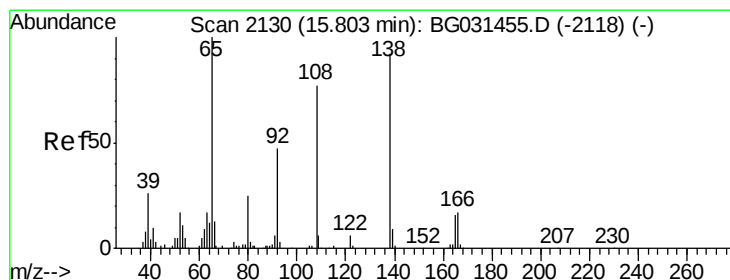
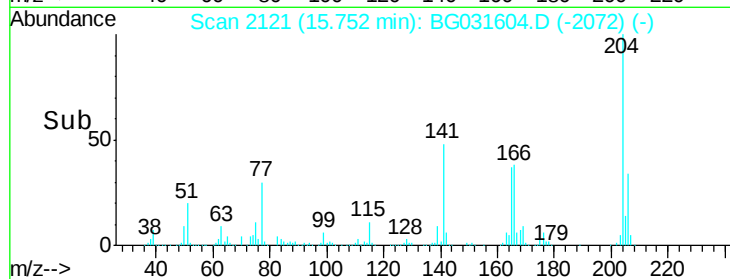
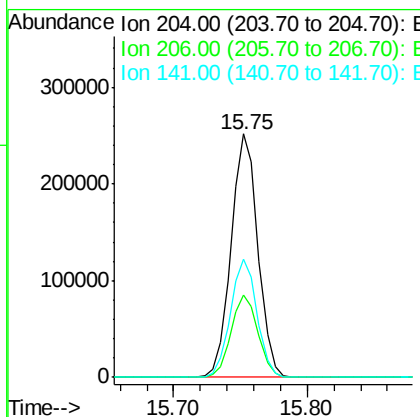
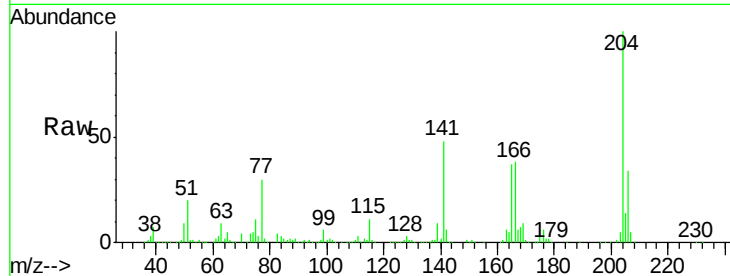
#60
 4-Chlorophenyl-phenylether
 Concen: 33.386 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG031604.D
 Acq: 16 Dec 2017 1:13

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	48.4	45.8	68.6

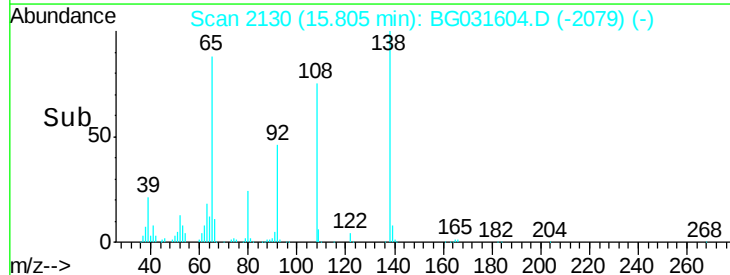
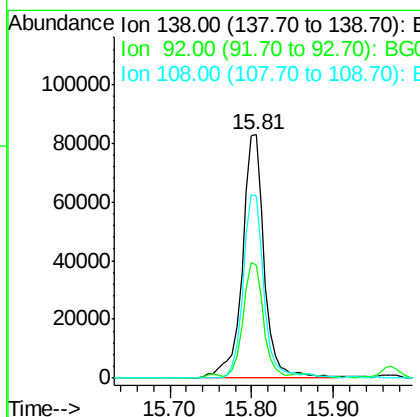
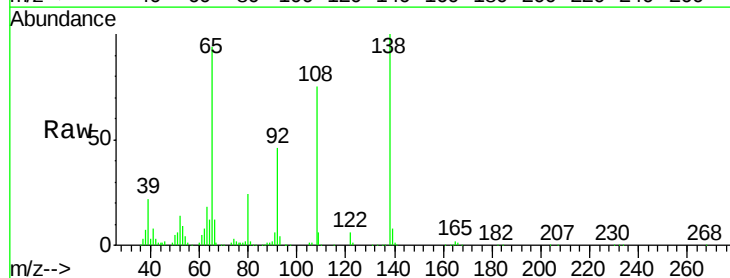
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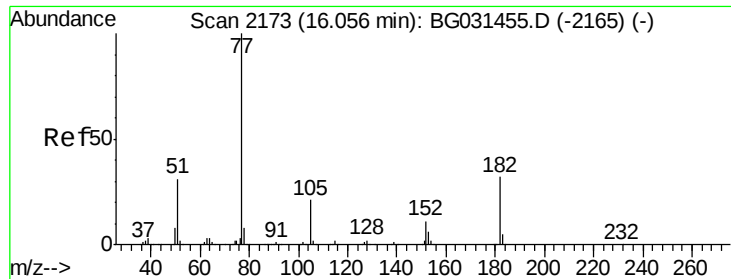
Sohil
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#61
 4-Nitroaniline
 Concen: 37.093 ng
 RT: 15.81 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG031604.D
 Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	40.1	80.1
108	75.0	65.4	105.4





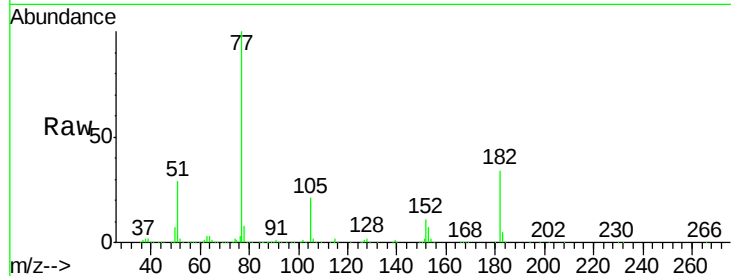
#62
Azobenzene
Concen: 32.499 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

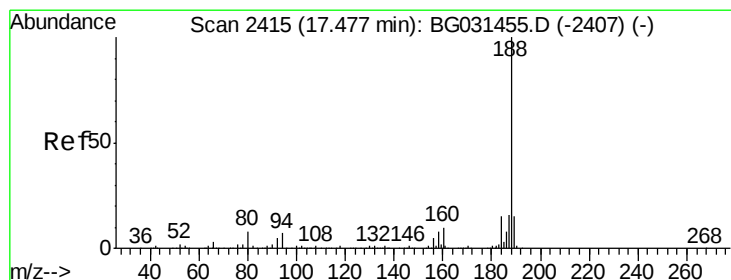
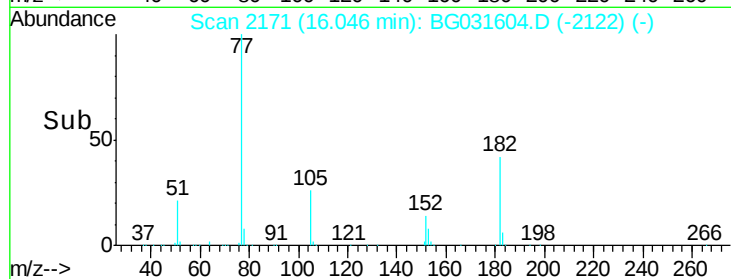
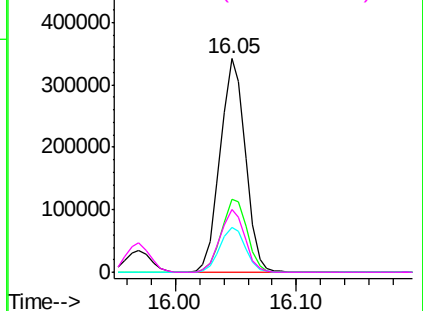
Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.1	7.4	47.4
105	21.3	0.3	40.3
51	29.4	11.6	51.6

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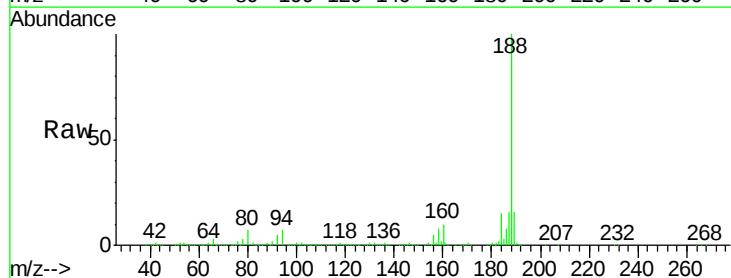


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

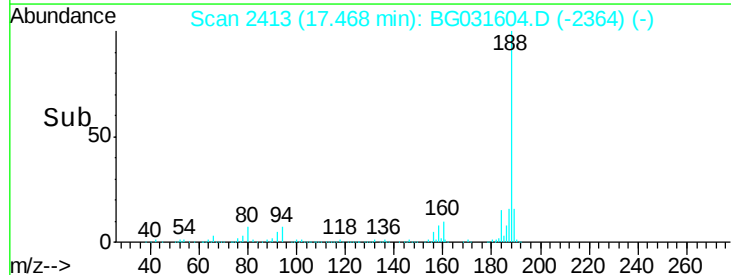
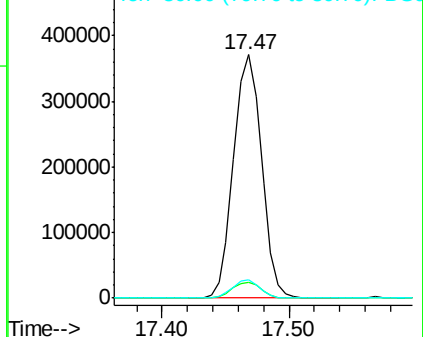


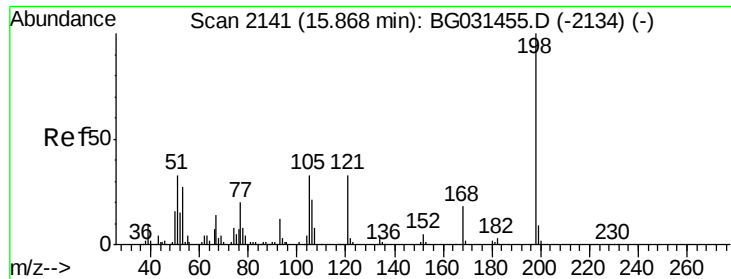
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.4	7.7	11.5#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 31.777 ng

RT: 15.86 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:198 Resp: 102714
Ion Ratio Lower Upper

198 100

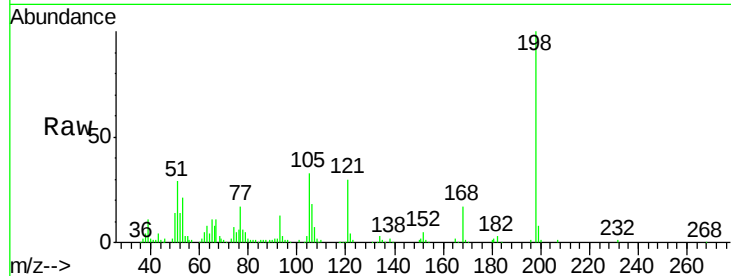
51 29.3 30.6 70.6#

105 33.0 23.8 63.8

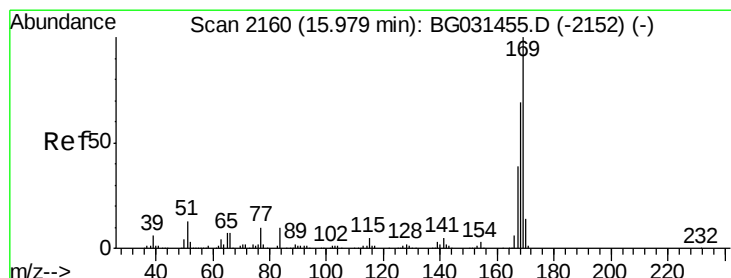
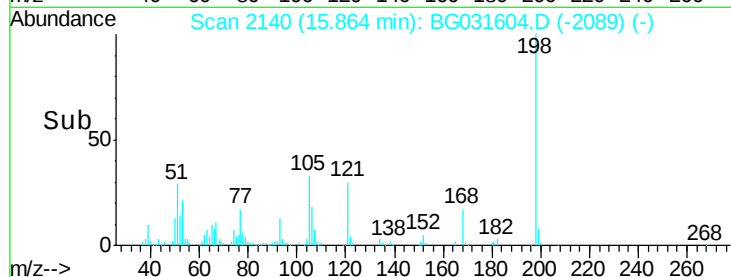
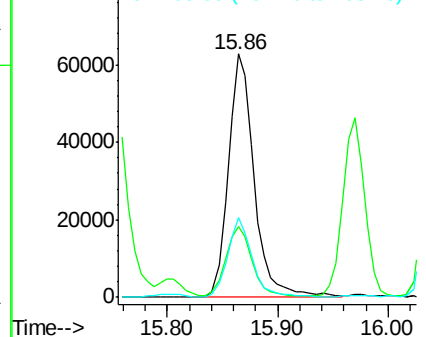
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGO
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 33.830 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG031604.D

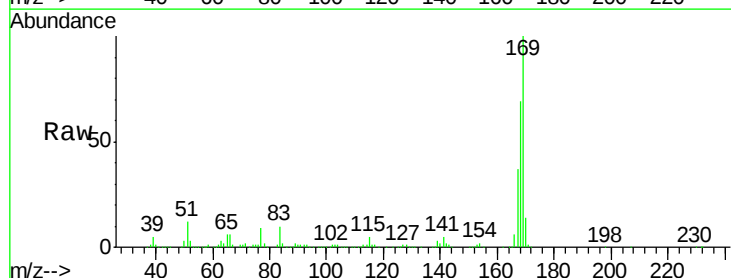
Acq: 16 Dec 2017 1:13

Tgt Ion:169 Resp: 561452
Ion Ratio Lower Upper

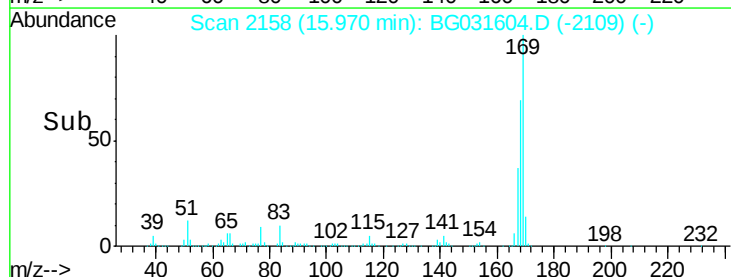
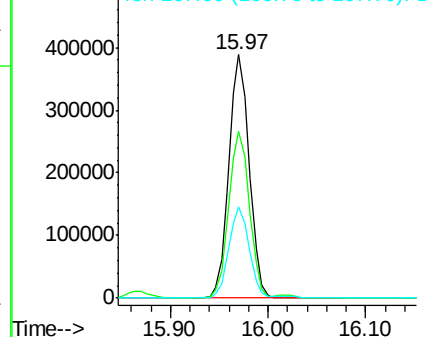
169 100

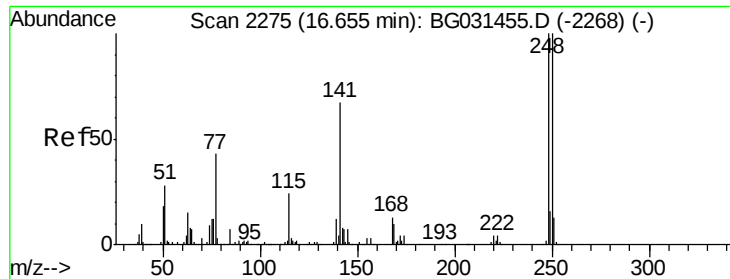
168 68.7 55.7 83.5

167 37.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





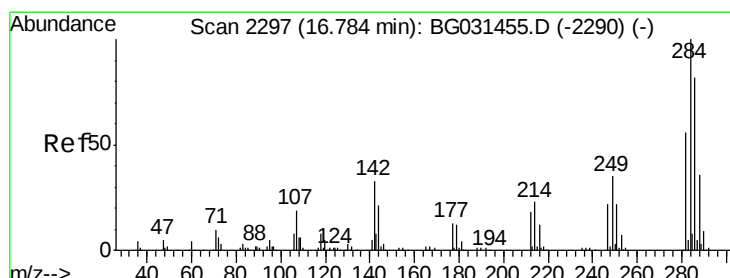
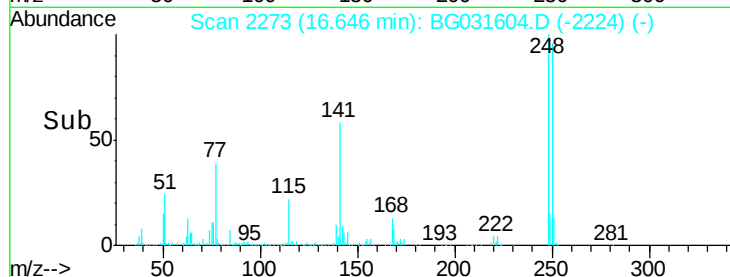
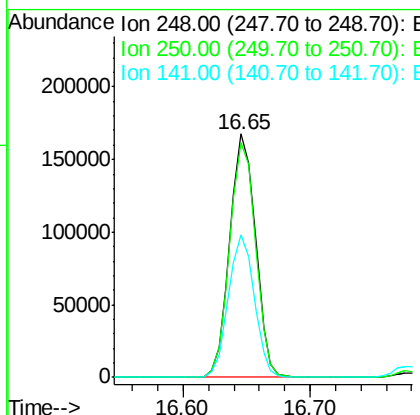
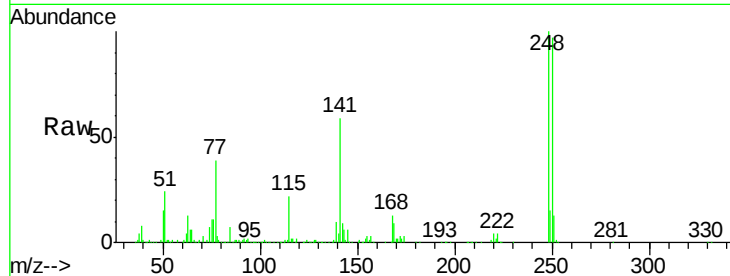
#66
4-Bromophenyl-phenylether
Concen: 35.531 ng
RT: 16.65 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	234265		
250	96.6	77.1	115.7	
141	58.7	50.8	76.2	

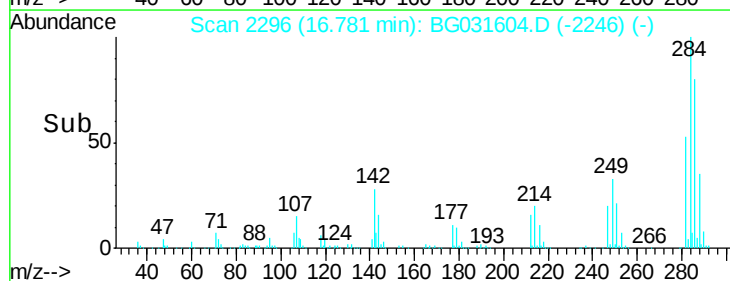
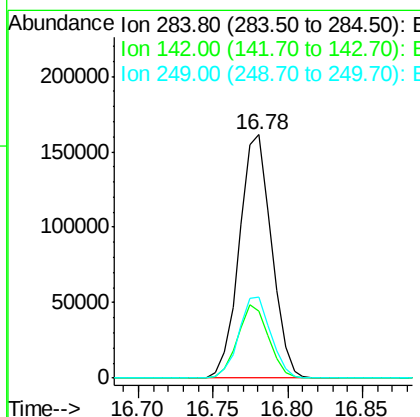
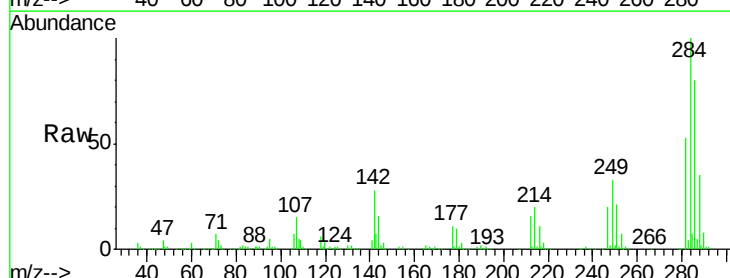
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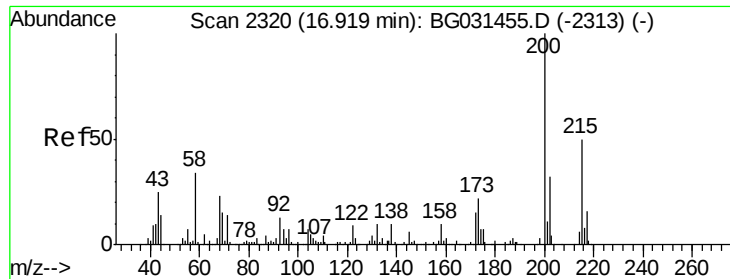
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#67
Hexachlorobenzene
Concen: 35.361 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	240748		
142	27.7	26.8	40.2	
249	33.5	26.3	39.5	





#68

Atrazine

Concen: 40.729 ng

RT: 16.92 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

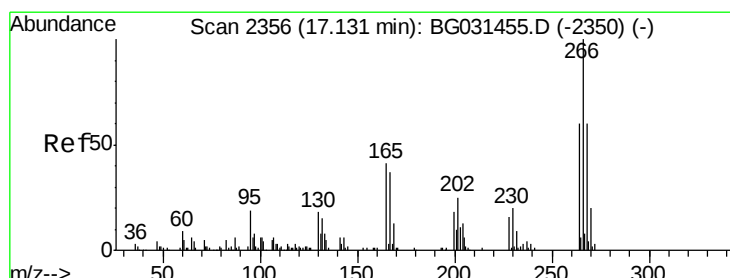
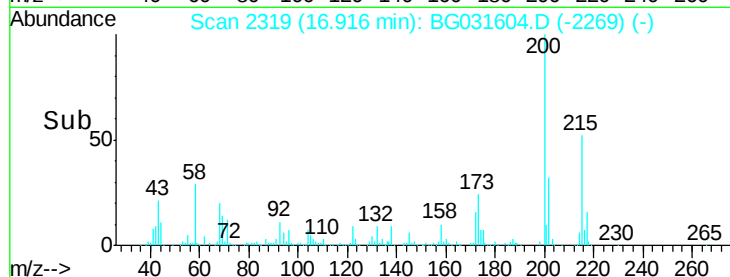
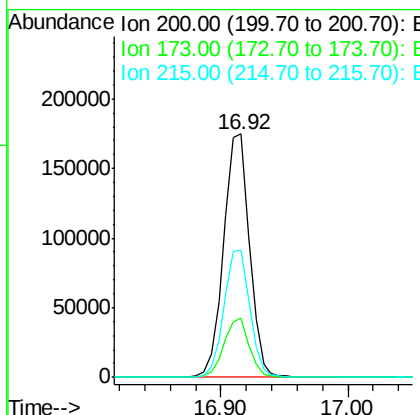
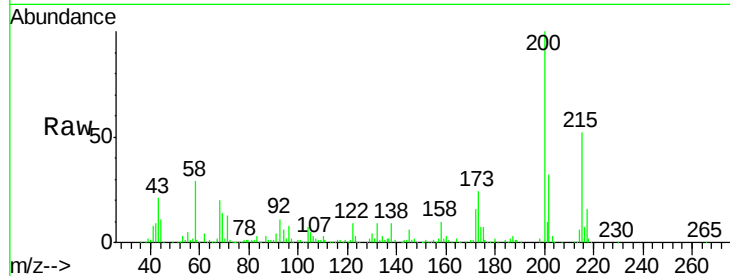
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:	200	Resp:	247161
Ion Ratio	Lower	Upper	
200	100		
173	24.3	5.2	45.2
215	52.3	30.4	70.4

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#69

Pentachlorophenol

Concen: 58.613 ng

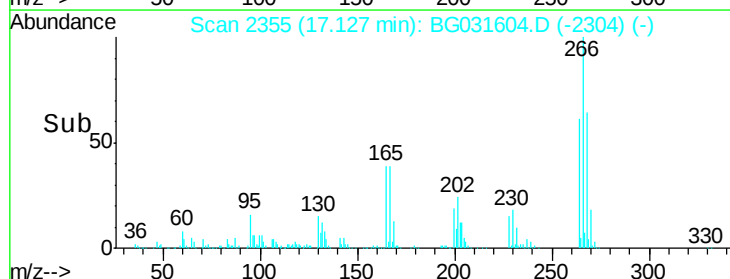
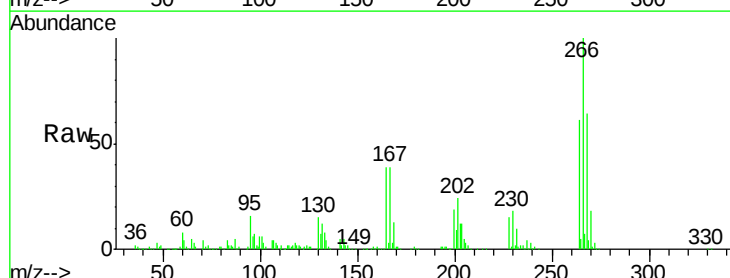
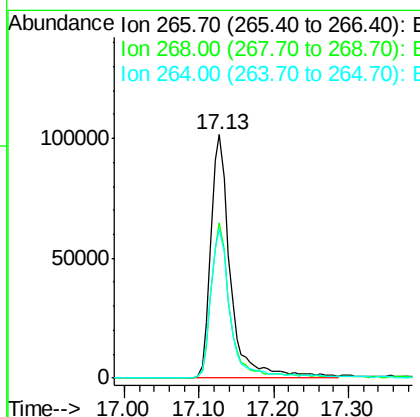
RT: 17.13 min Scan# 2355

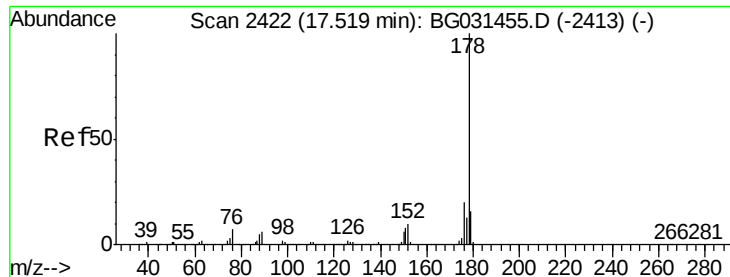
Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion:	266	Resp:	186492
Ion Ratio	Lower	Upper	
266	100		
268	63.7	51.1	76.7
264	61.3	49.6	74.4





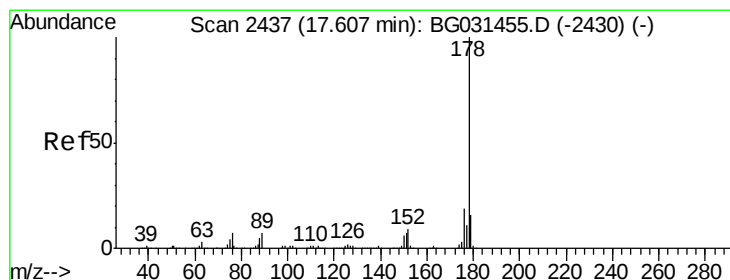
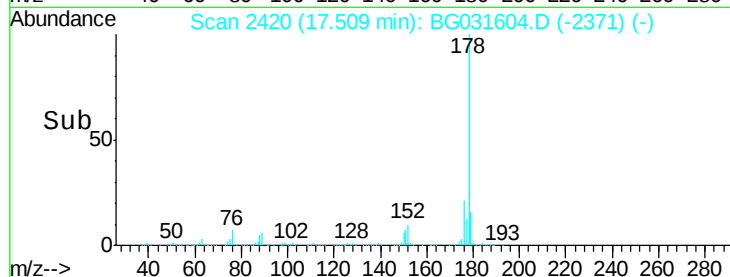
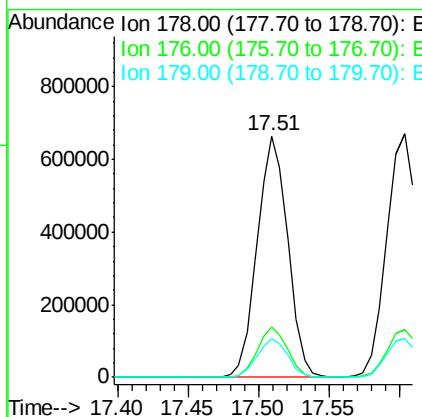
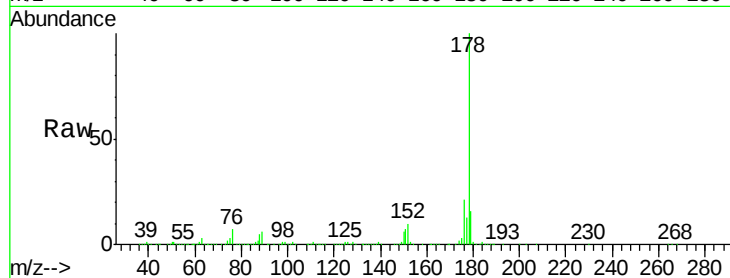
#70
Phenanthrene
Concen: 34.247 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.2	12.5	18.7

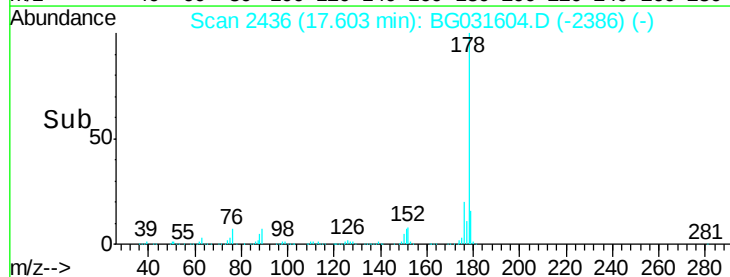
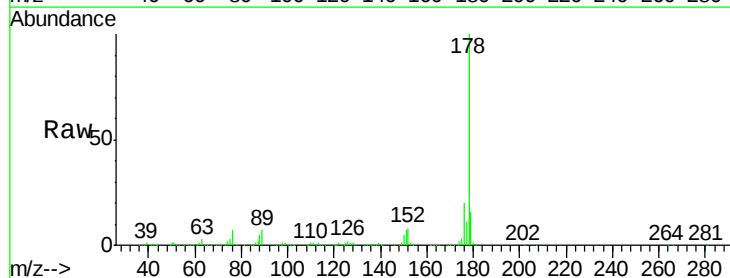
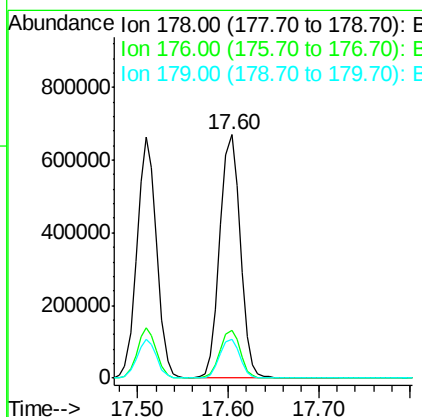
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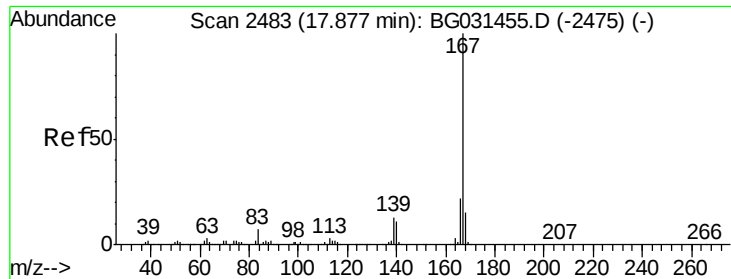
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#71
Anthracene
Concen: 35.749 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.2	12.5	18.7





#72

Carbazole

Concen: 36.932 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

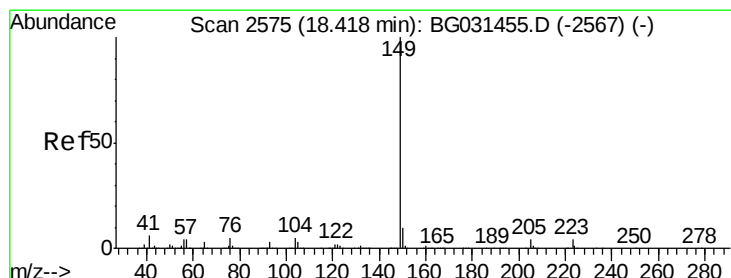
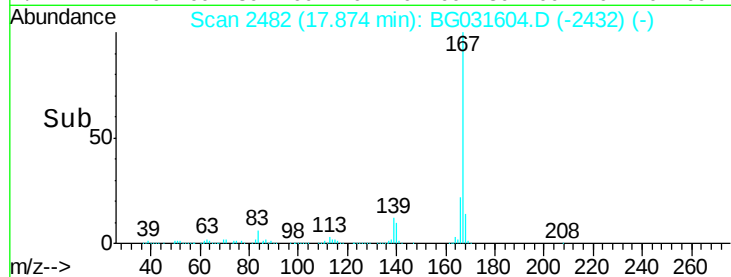
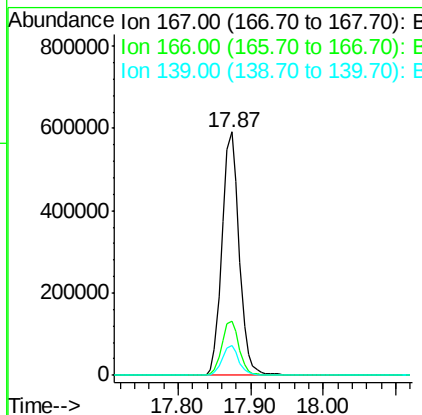
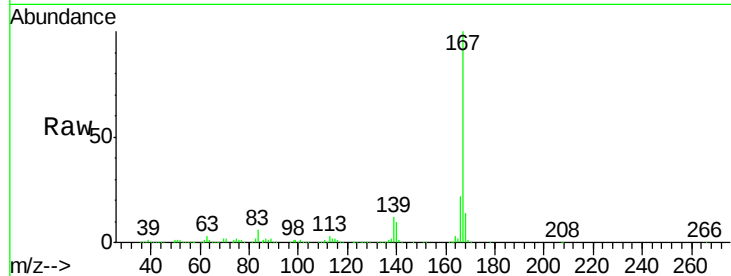
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:	167	Resp:	978831
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.2	27.4
139	12.3	9.4	14.2

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#73

Di-n-butylphthalate

Concen: 36.057 ng

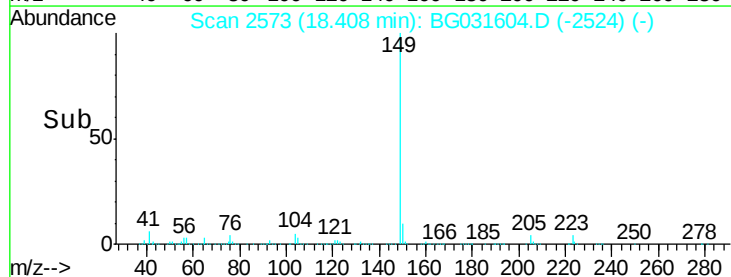
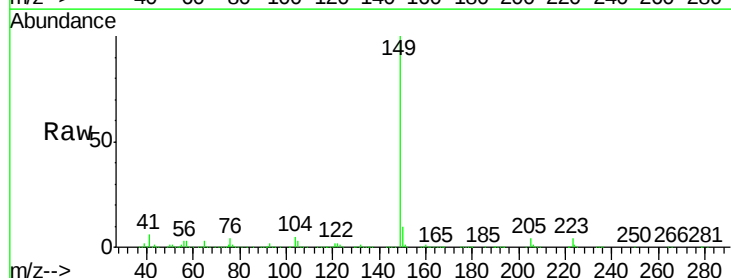
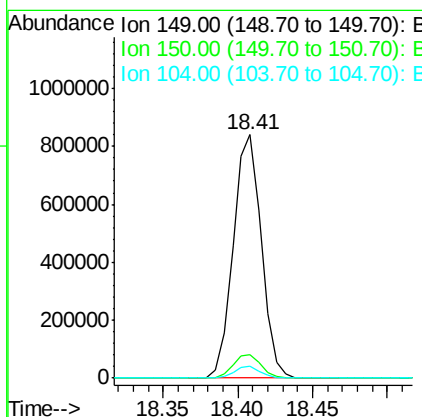
RT: 18.41 min Scan# 2573

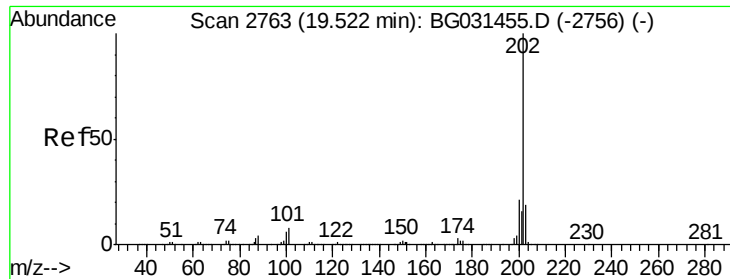
Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion:	149	Resp:	1103575
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.8	3.9	5.9





#74

Fluoranthene

Concen: 36.148 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

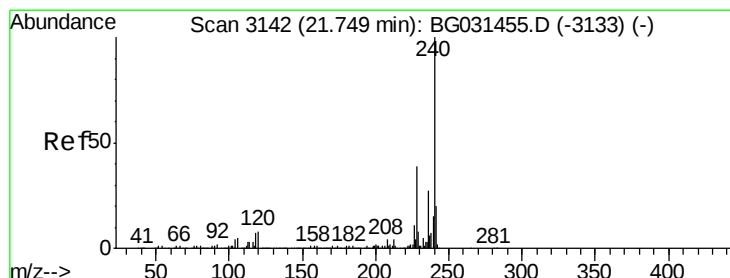
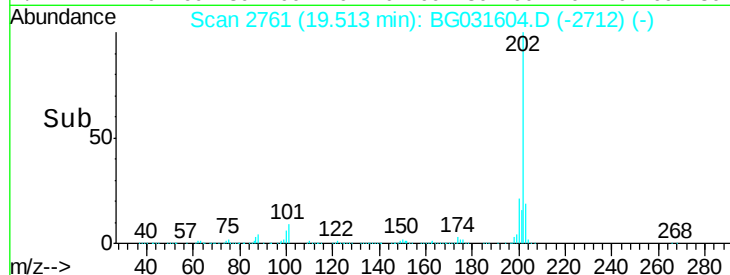
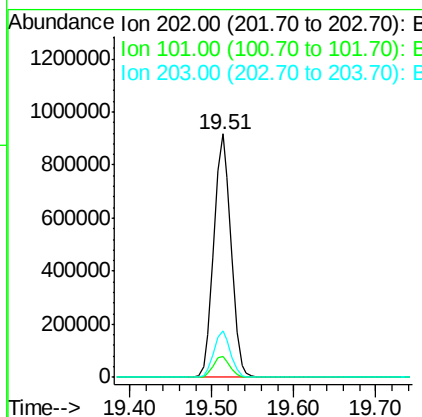
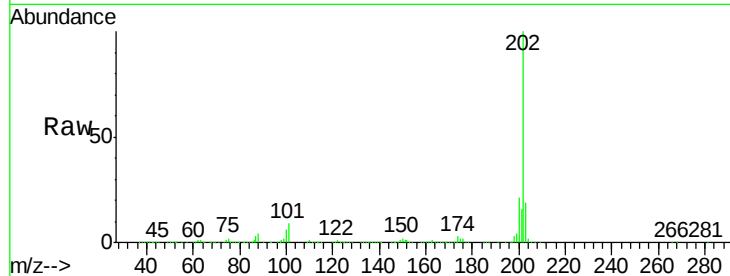
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:	202	Resp:	1339632
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	28.9
203	19.1	0.0	37.5

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#75

Chrysene-d12

Concen: 20.000 ng

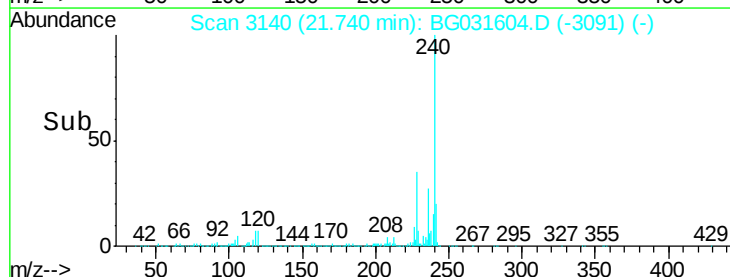
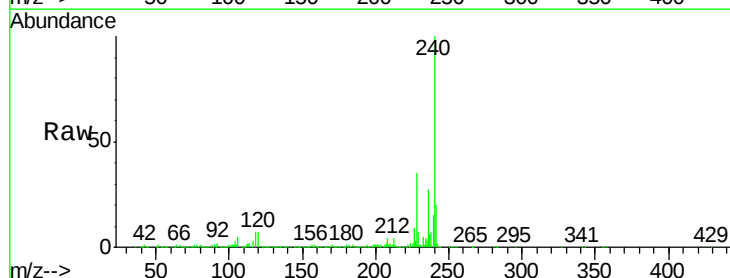
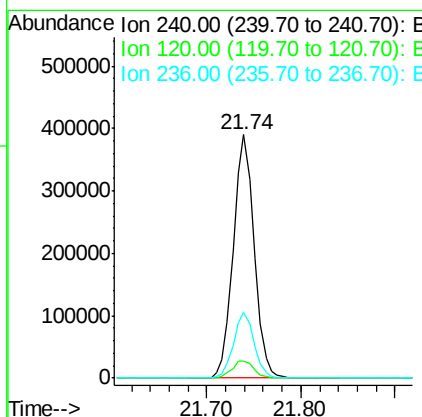
RT: 21.74 min Scan# 3140

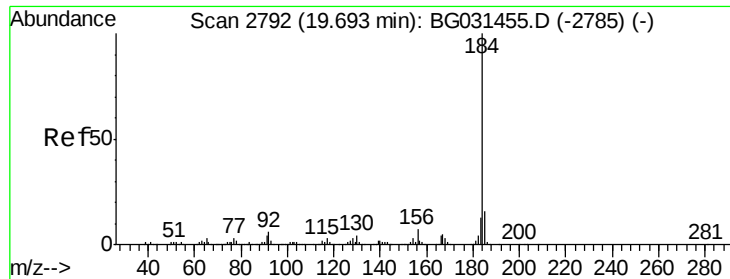
Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion:	240	Resp:	601322
Ion Ratio	Lower	Upper	
240	100		
120	7.1	6.8	10.2
236	26.9	20.9	31.3





#76

Benzidine

Concen: 43.449 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

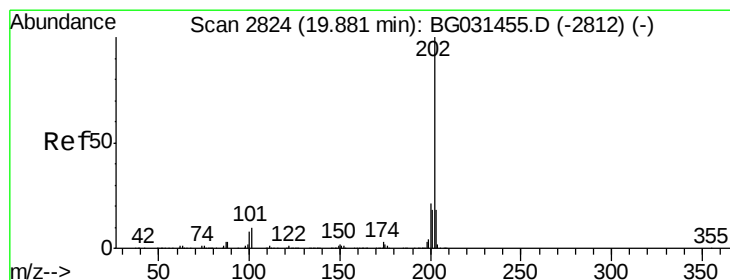
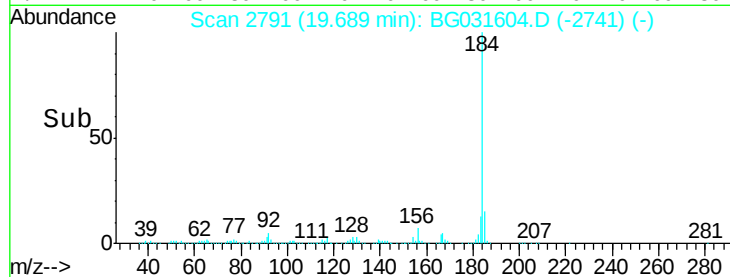
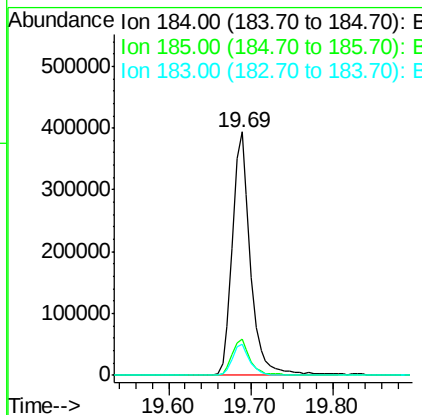
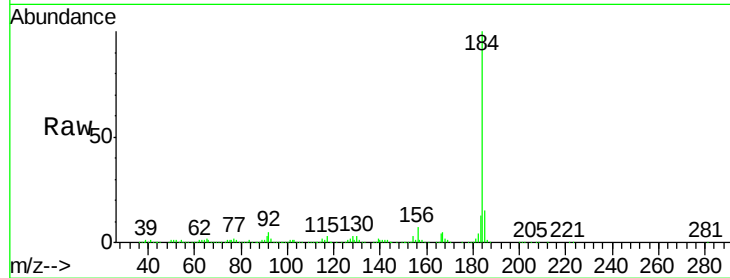
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	608019		
185	14.7		11.1	16.7
183	12.9		10.6	16.0

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#77

Pyrene

Concen: 36.063 ng

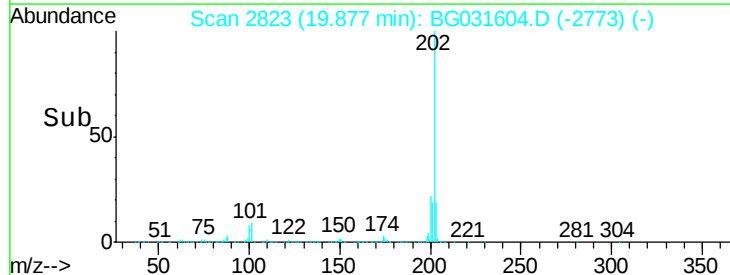
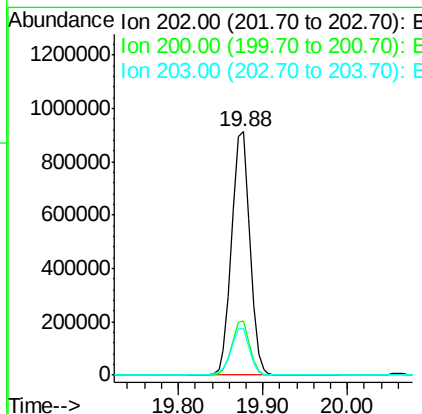
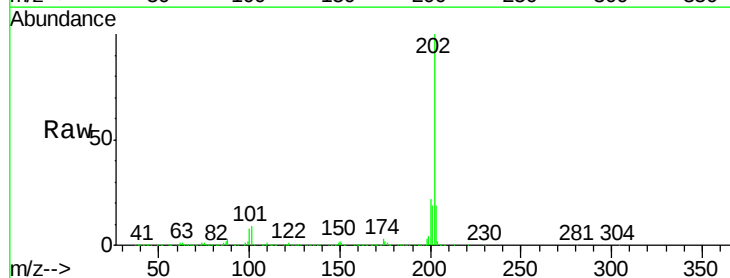
RT: 19.88 min Scan# 2823

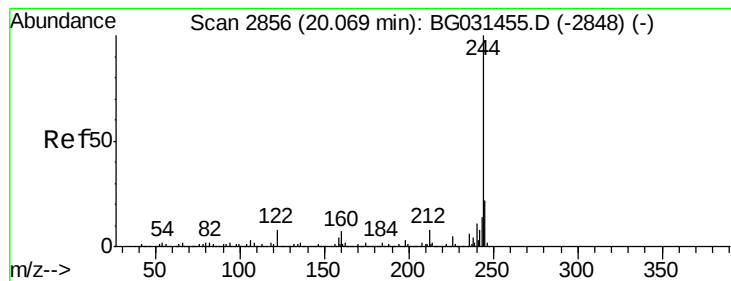
Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1347432		
200	22.1		16.9	25.3
203	19.1		13.9	20.9





#78

Terphenyl-d14

Concen: 70.621 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031604.D

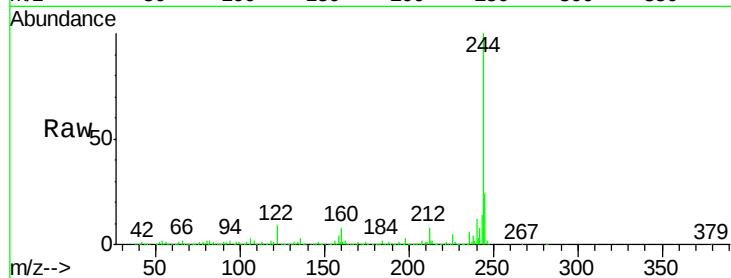
Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

ClientSampleId :

EPE-125-4(0-5)MSD



Tgt Ion:244 Resp: 1866489

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

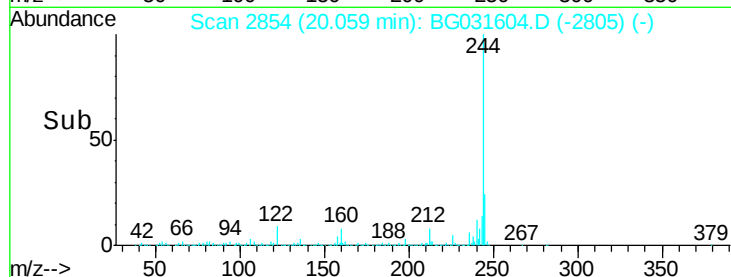
122 9.0 7.0 10.4

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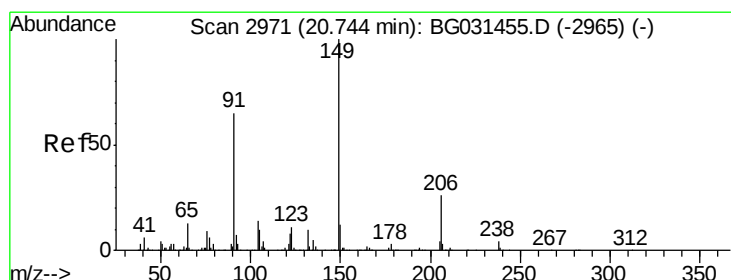
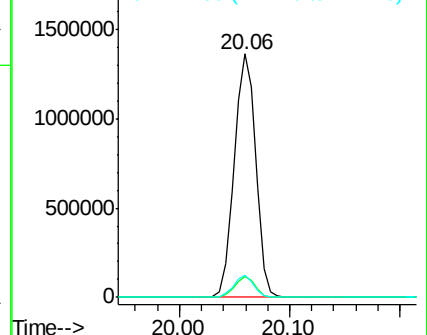
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.939 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

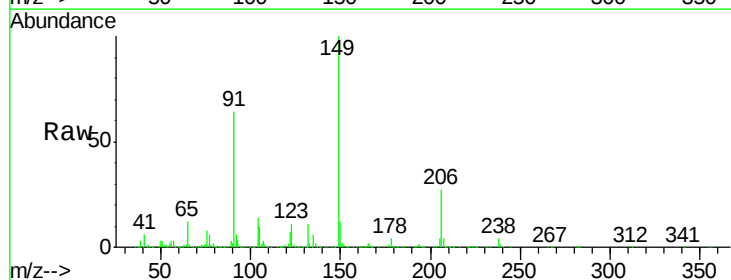
Tgt Ion:149 Resp: 510397

Ion Ratio Lower Upper

149 100

91 63.6 62.2 93.2

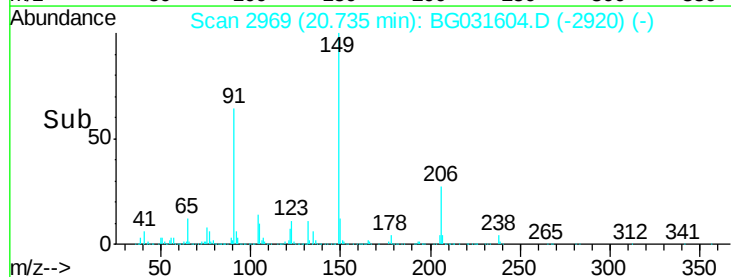
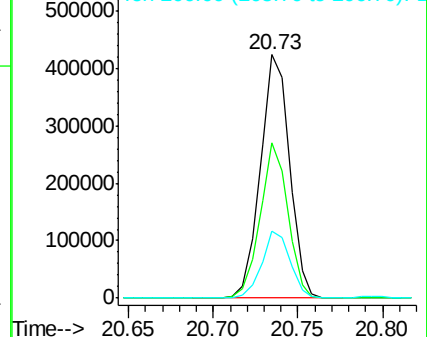
206 27.4 18.6 27.8

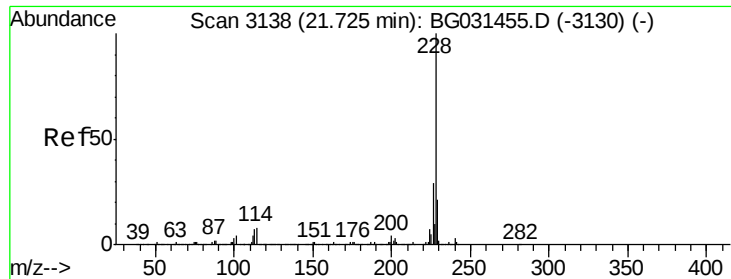


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.288 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:228 Resp: 1280789

Ion Ratio Lower Upper

228 100

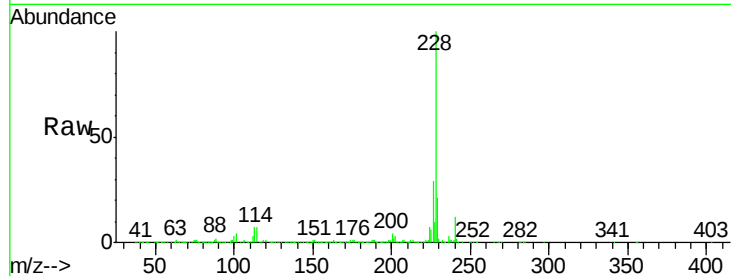
226 29.3 22.7 34.1

229 21.1 16.2 24.2

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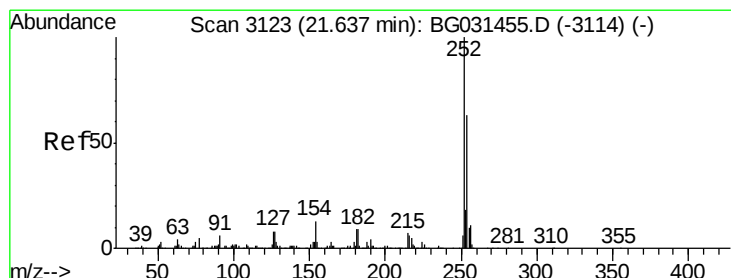
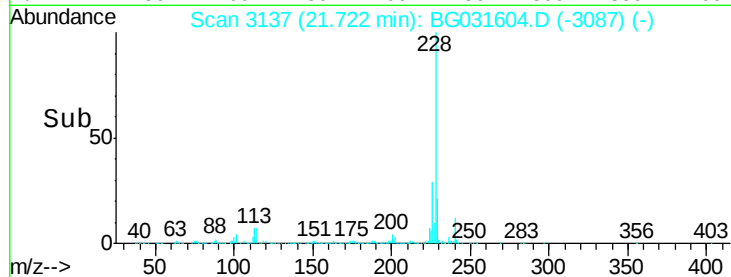
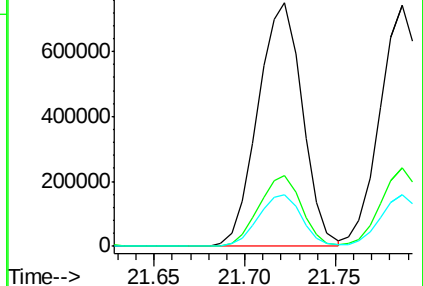
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 26.437 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

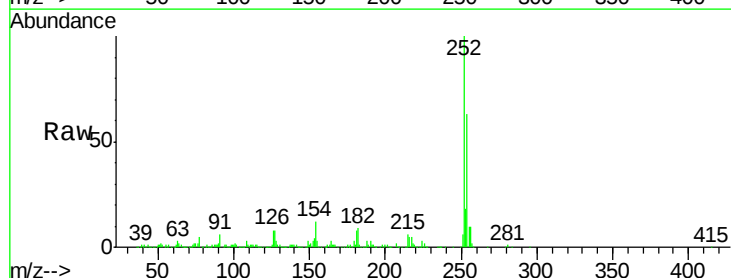
Tgt Ion:252 Resp: 333953

Ion Ratio Lower Upper

252 100

254 63.4 50.8 76.2

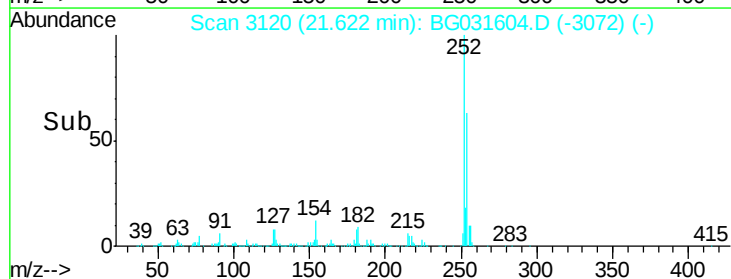
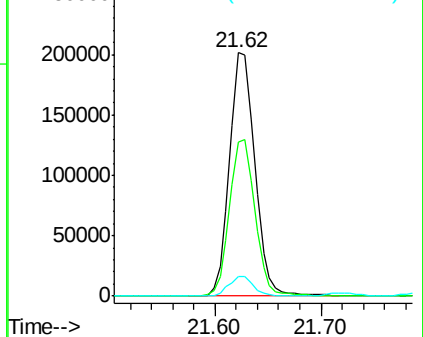
126 8.2 7.4 11.2

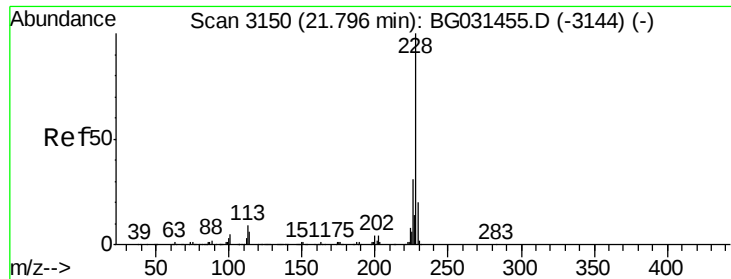


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.858 ng

RT: 21.79 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

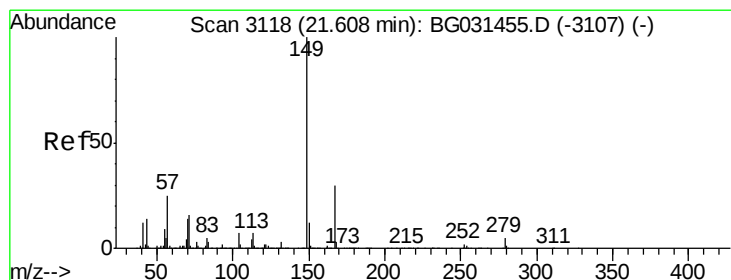
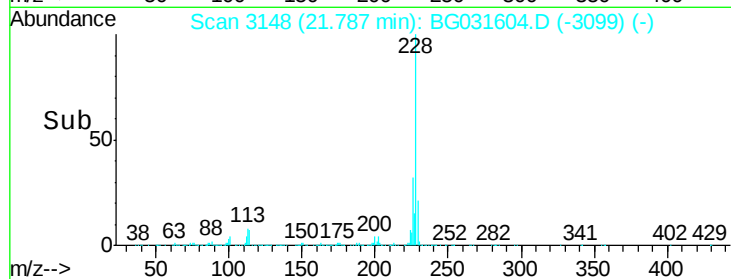
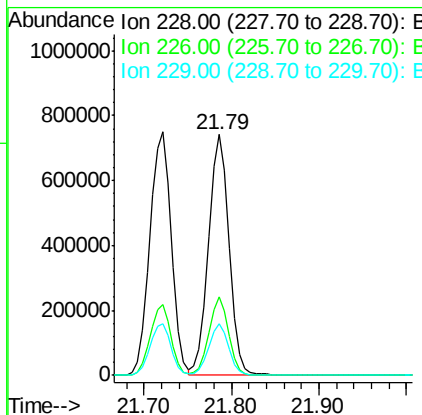
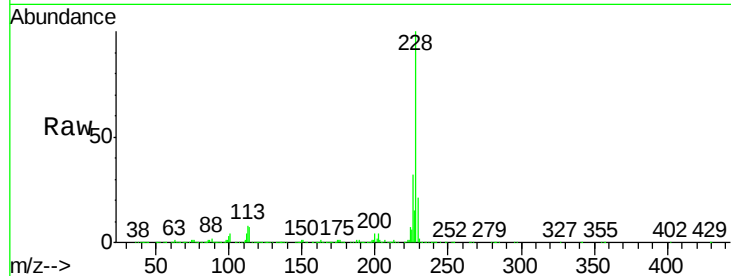
ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:	228	Resp:	1212864
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.9	37.3
229	21.4	15.0	22.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 36.540 ng

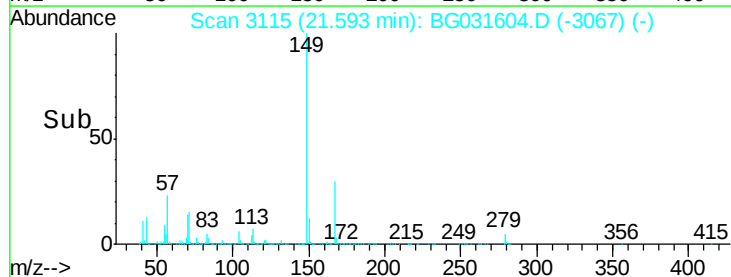
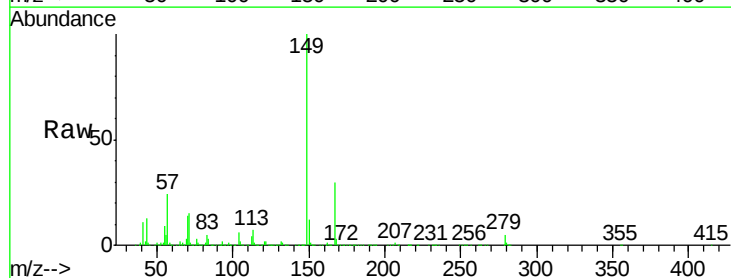
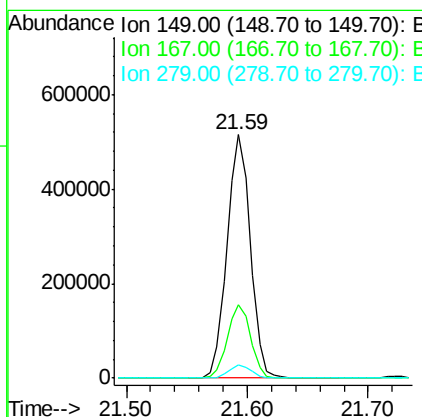
RT: 21.59 min Scan# 3115

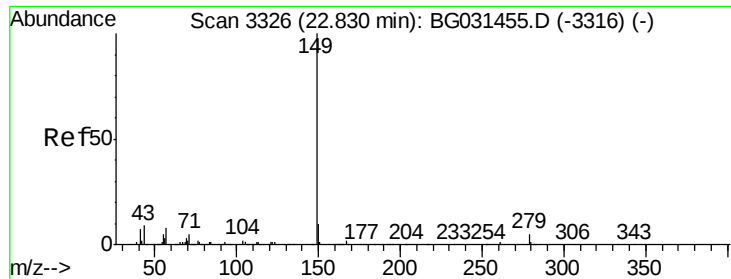
Delta R.T. -0.02 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Tgt Ion:	149	Resp:	689069
Ion Ratio	Lower	Upper	
149	100		
167	30.1	24.3	36.5
279	5.3	4.0	6.0





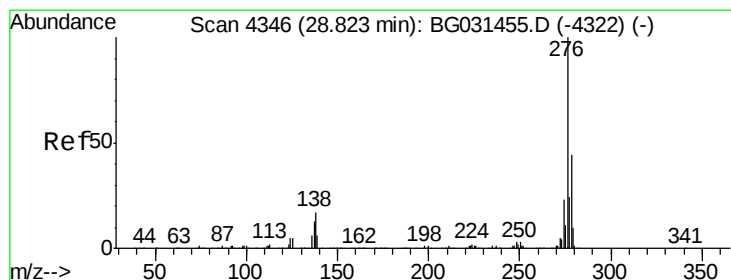
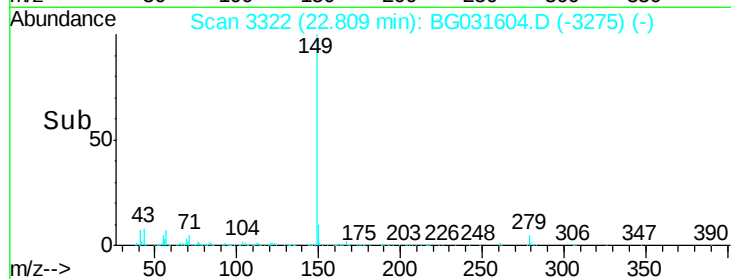
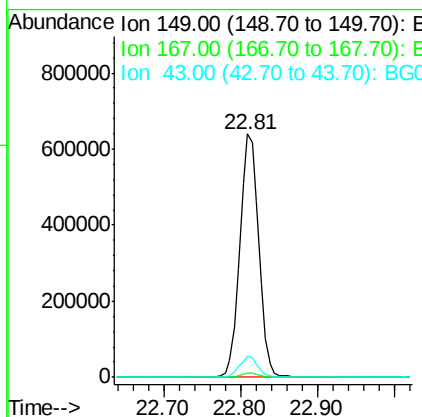
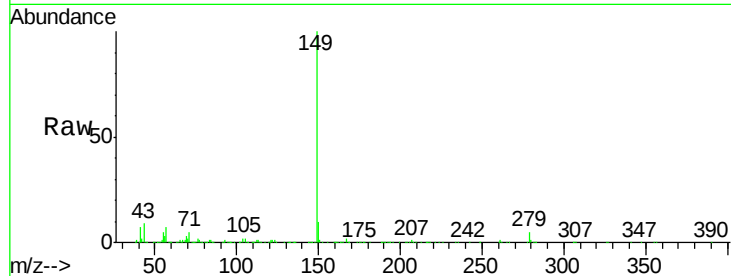
#84
Di-n-octyl phthalate
Concen: 35.431 ng
RT: 22.81 min Scan# 3322
Delta R.T. -0.02 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.1	8.9	13.3

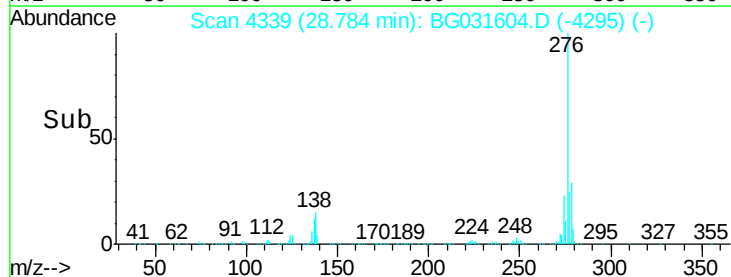
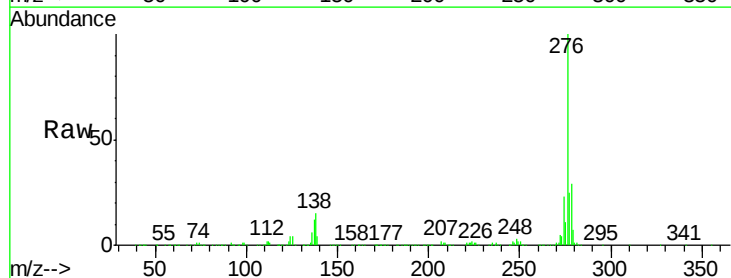
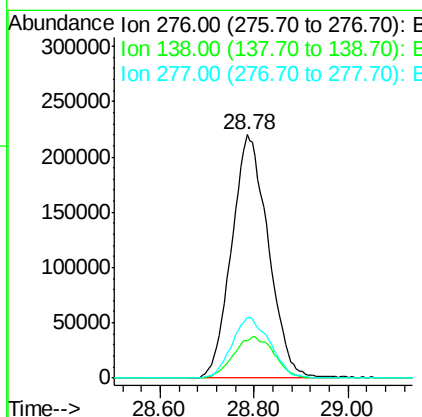
Manual Integrations
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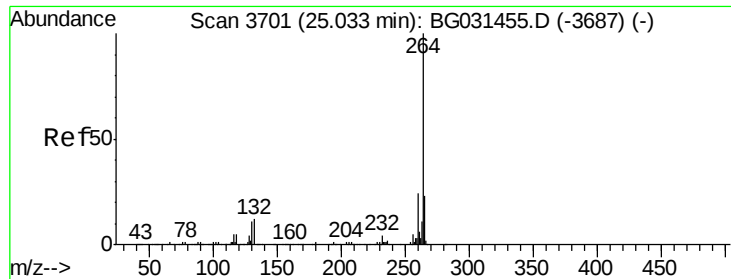
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#85
Indeno(1,2,3-cd)pyrene
Concen: 31.943 ng
RT: 28.78 min Scan# 4339
Delta R.T. -0.04 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.0	24.0
277	26.0	20.0	30.0





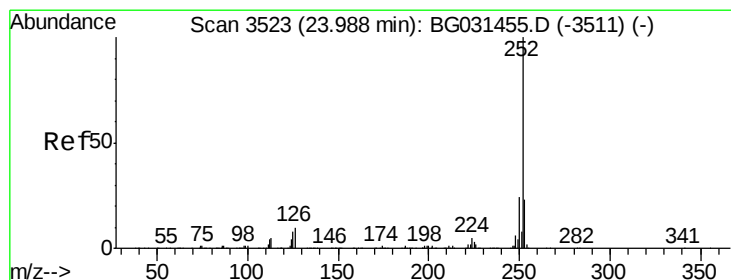
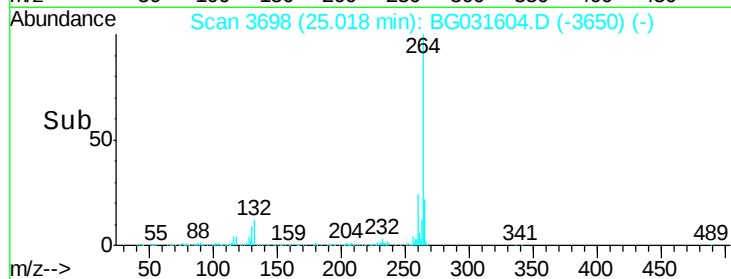
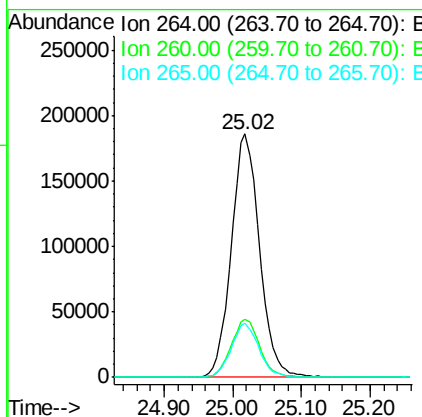
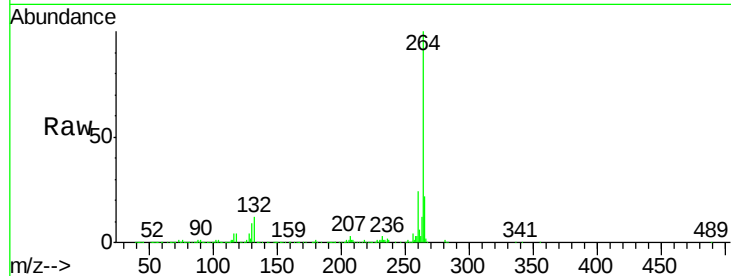
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.0	17.7	26.5

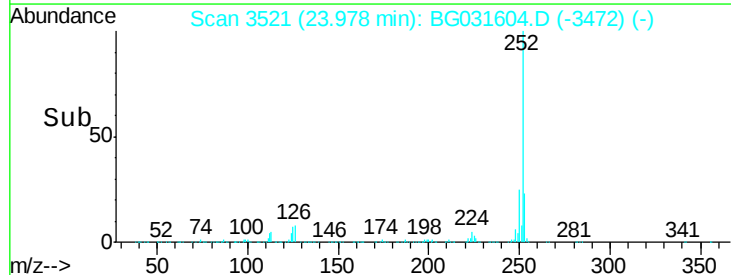
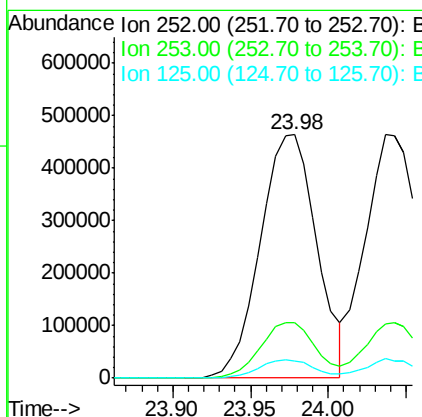
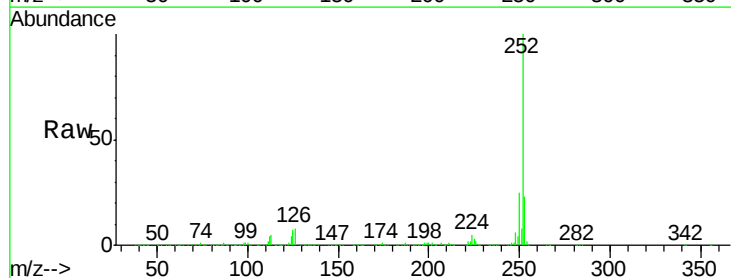
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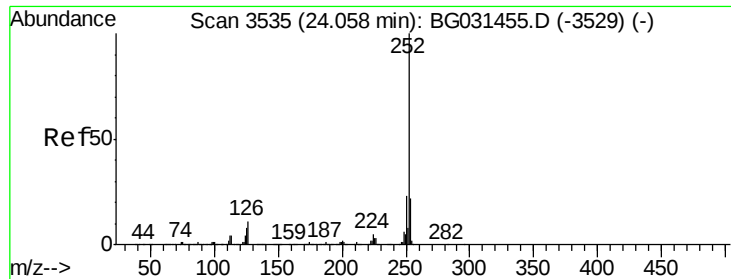
Sohil
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#87
Benzo(b)fluoranthene
Concen: 36.859 ng m
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	7.0	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 35.366 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

Instrument :

BNA_G

ClientSampleId :

EPE-125-4(0-5)MSD

Tgt Ion:252 Resp: 1145678

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

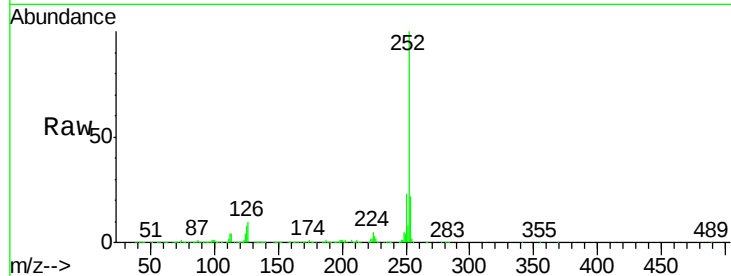
125 7.9 6.6 9.8

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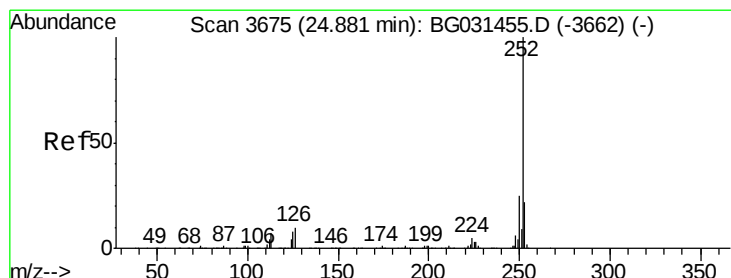
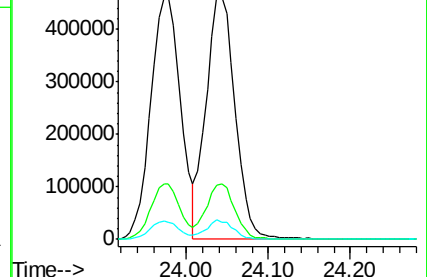
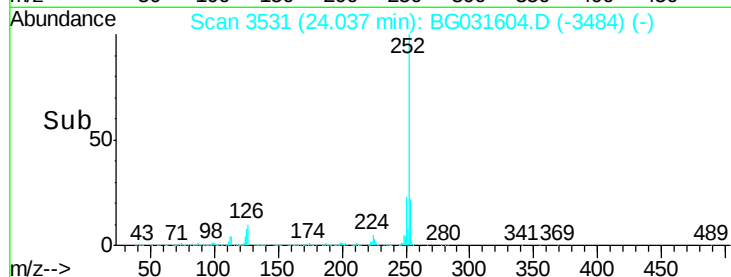
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 36.359 ng

RT: 24.87 min Scan# 3672

Delta R.T. -0.02 min

Lab File: BG031604.D

Acq: 16 Dec 2017 1:13

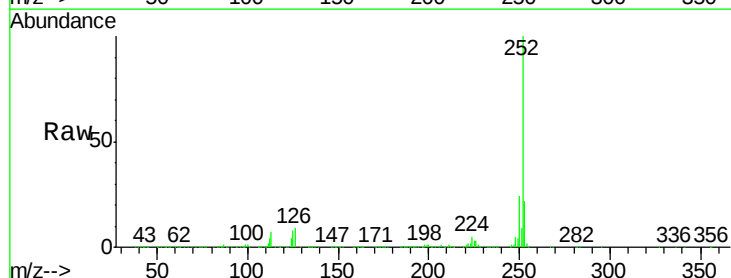
Tgt Ion:252 Resp: 1094898

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

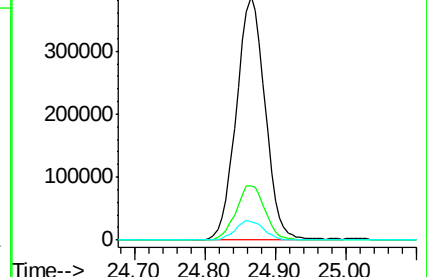
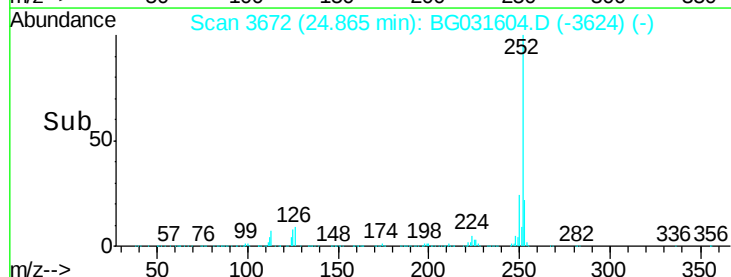
125 7.7 7.3 10.9

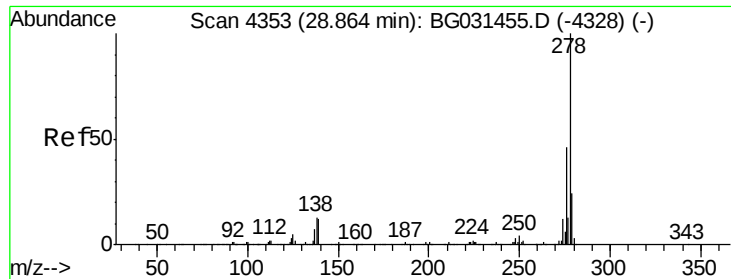


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





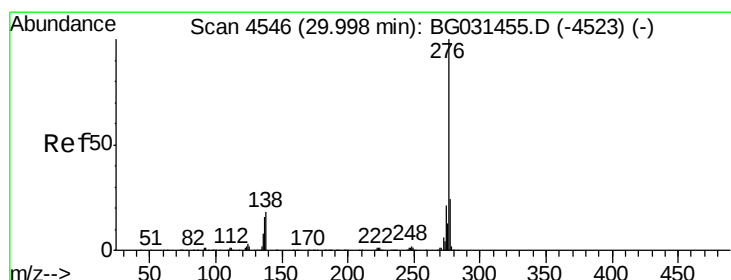
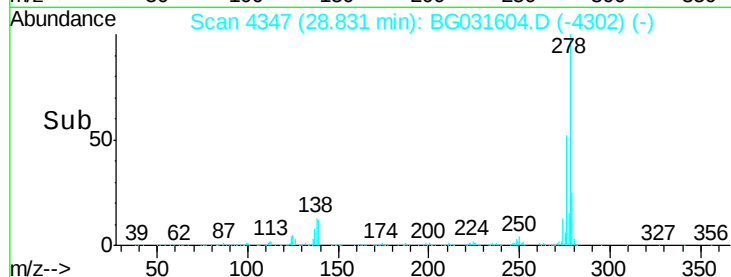
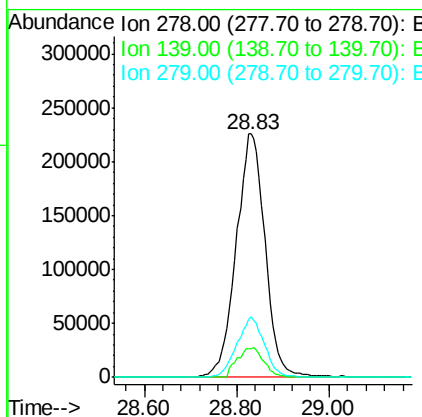
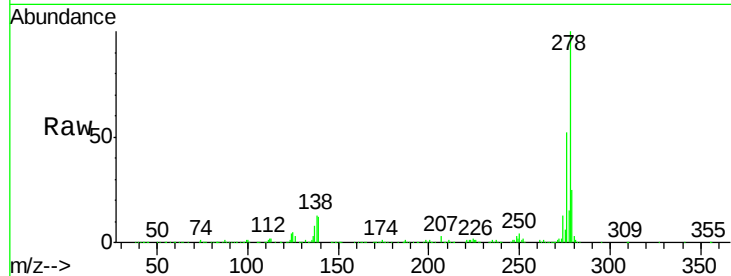
#90
Dibenzo(a,h)anthracene
Concen: 34.255 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.03 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	9.8	14.6
279	24.8	18.4	27.6

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#91
Benzo(g,h,i)perylene
Concen: 34.452 ng
RT: 29.97 min Scan# 4541
Delta R.T. -0.03 min
Lab File: BG031604.D
Acq: 16 Dec 2017 1:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	16.1	13.9	20.9

