

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031264.D
 Acq On : 28 Nov 2017 22:59
 Operator : SJ/JU
 Sample : I6592-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Manual Integrations
 APPROVED

Sohil
 11/29/2017 4:30:09 PM

Quant Time: Nov 29 07:39:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	48116	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	218904	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	162993	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	442214	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	491915	20.00	ng	-0.02
86) Perylene-d12	25.07	264	499581	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	409943	146.10	ng	-0.02
7) Phenol-d6	7.30	99	546199	144.49	ng	0.00
23) Nitrobenzene-d5	9.30	82	311857	84.42	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	304356	115.43	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	941204	82.97	ng	-0.02
78) Terphenyl-d14	20.09	244	1837490	82.48	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	44777	39.323	ng	# 81
3) Pyridine	3.94	79	123529	37.367	ng	88
4) n-Nitrosodimethylamine	3.86	42	59453	37.947	ng	# 84
6) Aniline	7.45	93	126152	25.357	ng	93
8) 2-Chlorophenol	7.69	128	151064	48.784	ng	87
9) Benzaldehyde	7.26	77	76535	28.932	ng	89
10) Phenol	7.32	94	215370	54.860	ng	90
11) bis(2-Chloroethyl)ether	7.54	93	133982	42.743	ng	88
12) 1,3-Dichlorobenzene	8.02	146	155871	42.903	ng	96
13) 1,4-Dichlorobenzene	8.16	146	156418	42.487	ng	96
14) 1,2-Dichlorobenzene	8.49	146	151128	42.769	ng	95
15) Benzyl Alcohol	8.37	79	127001	41.883	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	196541	56.765	ng	90
17) 2-Methylphenol	8.58	107	132999	48.650	ng	98
18) Hexachloroethane	9.22	117	53271	41.574	ng	87
19) n-Nitroso-di-n-propylamine	8.93	70	111729	38.872	ng	# 93
20) 3+4-Methylphenols	8.91	107	184372	47.429	ng	96
22) Acetophenone	8.95	105	214133	39.287	ng	# 93
24) Nitrobenzene	9.34	77	163592	43.352	ng	# 88
25) Isophorone	9.86	82	328034	45.531	ng	# 92
26) 2-Nitrophenol	10.06	139	91120	46.325	ng	# 88
27) 2,4-Dimethylphenol	10.11	122	151862	52.005	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	199034	43.863	ng	97
29) 2,4-Dichlorophenol	10.60	162	178290	50.844	ng	89
30) 1,2,4-Trichlorobenzene	10.81	180	181550	43.366	ng	99
31) Naphthalene	11.00	128	464025	43.120	ng	98
32) Benzoic acid	10.23	122	20102	12.952	ng	# 82
33) 4-Chloroaniline	11.11	127	89436	18.985	ng	# 92
34) Hexachlorobutadiene	11.27	225	114566	39.459	ng	99
35) Caprolactam	11.87	113	73062m	51.005	ng	
36) 4-Chloro-3-methylphenol	12.23	107	189101	49.548	ng	88
37) 2-Methylnaphthalene	12.59	142	380355	45.786	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	228641	35.344	ng	97
40) Hexachlorocyclopentadiene	12.93	237	167861	71.470	ng	91

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	164432	44.463	ng	97
43) 2,4,5-Trichlorophenol	13.28	196	183369	45.318	ng	# 95
45) 1,1'-Biphenyl	13.59	154	505628	37.410	ng	96
46) 2-Chloronaphthalene	13.63	162	427311	43.819	ng	96
47) 2-Nitroaniline	13.84	65	124183	42.964	ng	# 77
48) Acenaphthylene	14.48	152	668592	41.889	ng	99
49) Dimethylphthalate	14.20	163	711563	50.491	ng	99
50) 2,6-Dinitrotoluene	14.33	165	139040	47.866	ng	# 73
51) Acenaphthene	14.81	154	411058	41.237	ng	98
52) 3-Nitroaniline	14.66	138	73343	23.779	ng	# 79
53) 2,4-Dinitrophenol	14.88	184	87416	56.556	ng	# 49
54) Dibenzofuran	15.15	168	698034	43.964	ng	99
55) 4-Nitrophenol	14.99	139	213723	97.275	ng	# 77
56) 2,4-Dinitrotoluene	15.12	165	204400	48.674	ng	# 71
57) Fluorene	15.80	166	561122	43.530	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	187275	48.562	ng	# 89
59) Diethylphthalate	15.56	149	630797	44.064	ng	97
60) 4-Chlorophenyl-phenylether	15.78	204	336084	43.170	ng	92
61) 4-Nitroaniline	15.83	138	152547	46.707	ng	86
62) Azobenzene	16.07	77	482138	44.162	ng	93
64) 4,6-Dinitro-2-methylphenol	15.89	198	114408	38.923	ng	75
65) n-Nitrosodiphenylamine	16.00	169	541364	40.400	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	224408	40.067	ng	96
67) Hexachlorobenzene	16.81	284	228206	38.347	ng	95
68) Atrazine	16.94	200	240071	43.422	ng	98
69) Pentachlorophenol	17.15	266	237830	72.297	ng	100
70) Phenanthrene	17.54	178	1000097	43.436	ng	99
71) Anthracene	17.63	178	1028981	44.601	ng	99
72) Carbazole	17.90	167	965483	44.663	ng	99
73) Di-n-butylphthalate	18.43	149	1134240	42.733	ng	99
74) Fluoranthene	19.54	202	1308505	44.885	ng	97
76) Benzidine	19.71	184	492345	31.158	ng	98
77) Pyrene	19.90	202	1322315	45.300	ng	97
79) Butylbenzylphthalate	20.76	149	523100	44.945	ng	85
80) Benzo(a)anthracene	21.75	228	1320518	43.217	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	259664	21.052	ng	97
82) Chrysene	21.82	228	1244364	44.025	ng	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	742504	44.196	ng	99
84) Di-n-octyl phthalate	22.85	149	1261346	46.128	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.86	276	1462054	42.549	ng	# 89
87) Benzo(b)fluoranthene	24.02	252	1326937	43.910	ng	98
88) Benzo(k)fluoranthene	24.09	252	1281608	42.786	ng	98
89) Benzo(a)pyrene	24.91	252	1295914	45.141	ng	99
90) Dibenzo(a,h)anthracene	28.92	278	1235478	42.105	ng	98
91) Benzo(g,h,i)perylene	30.05	276	1211684	42.546	ng	98

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

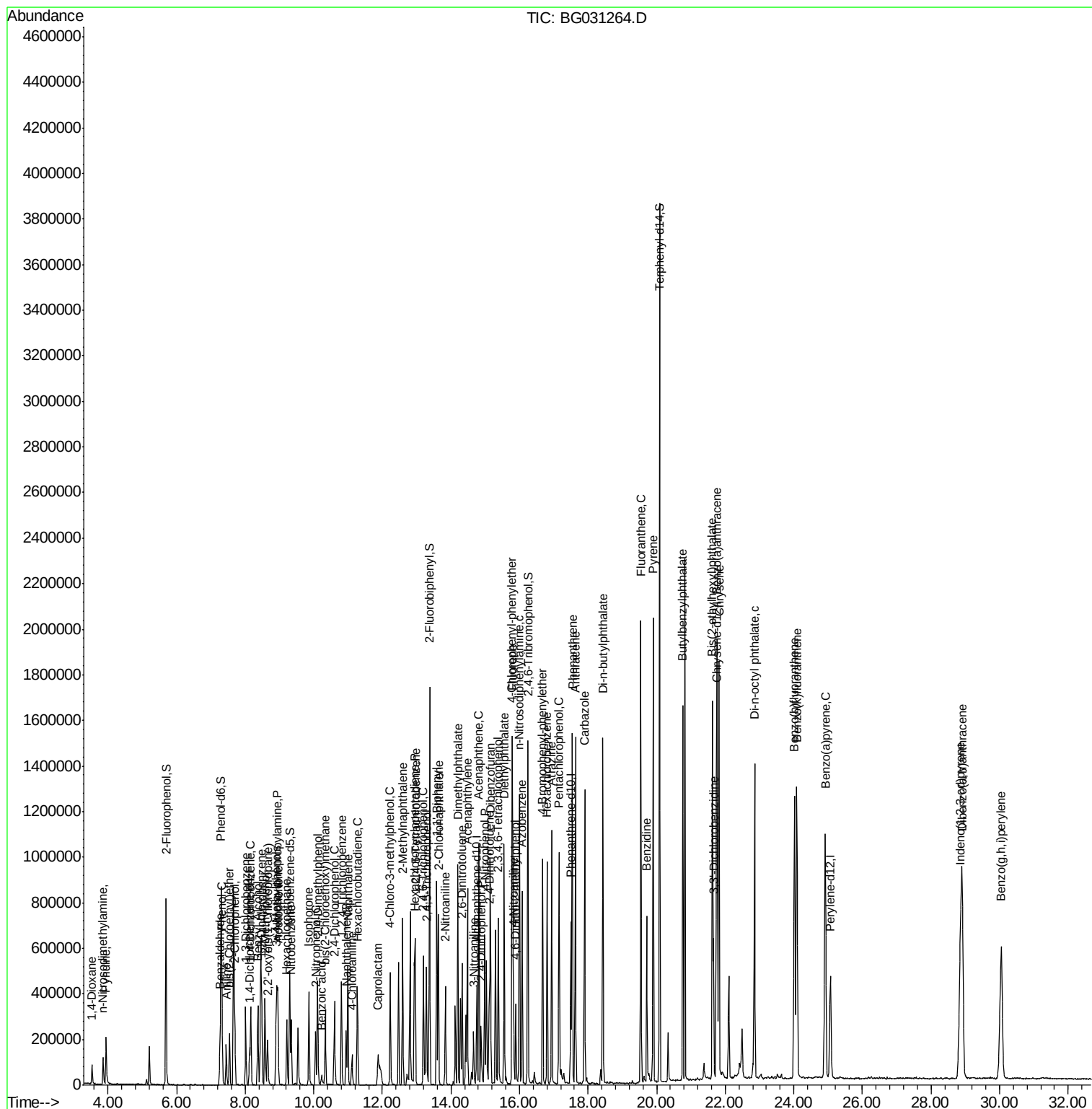
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
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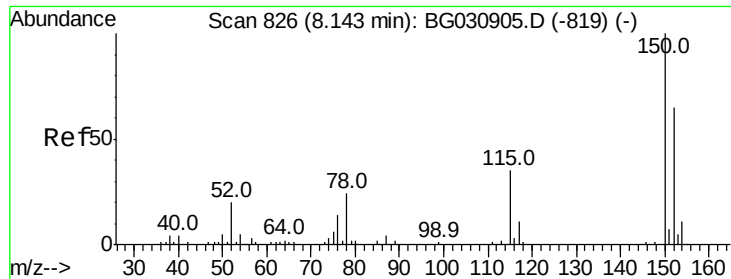
Instrument :
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#1

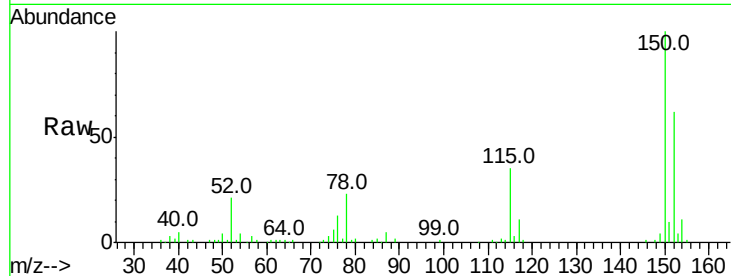
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.6	189.8
115	57.3	53.0	79.4

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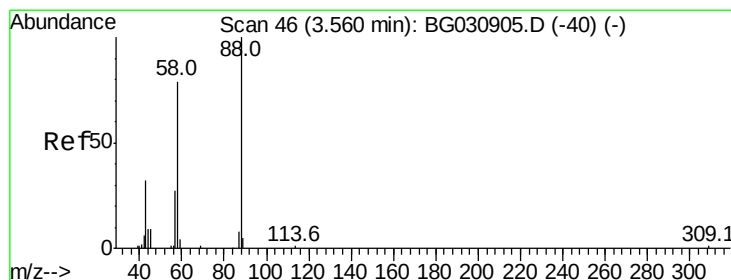
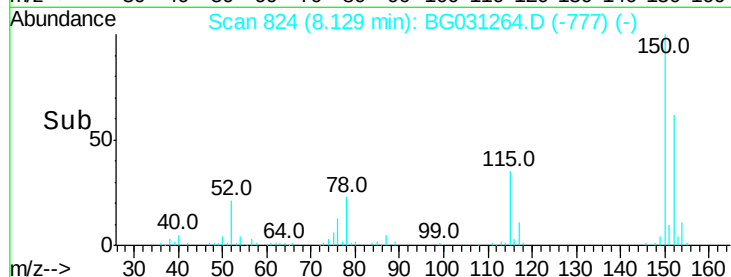
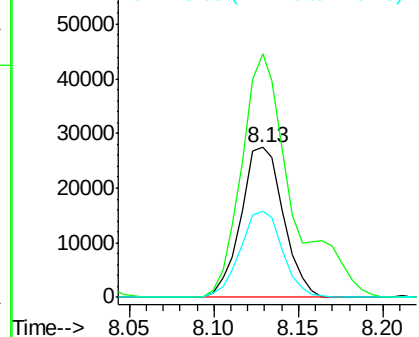


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

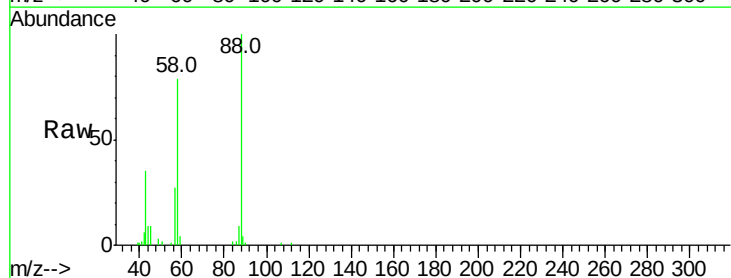
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.323 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.04 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	79.6	119.4#
43	31.5	27.4	41.0

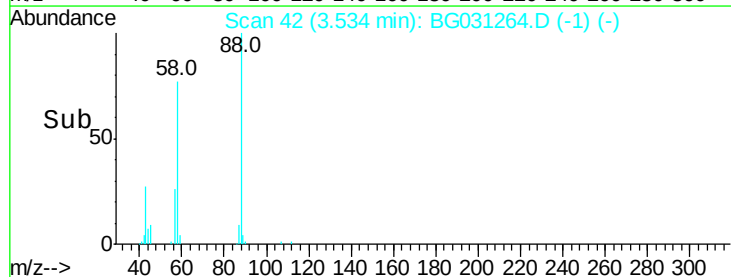
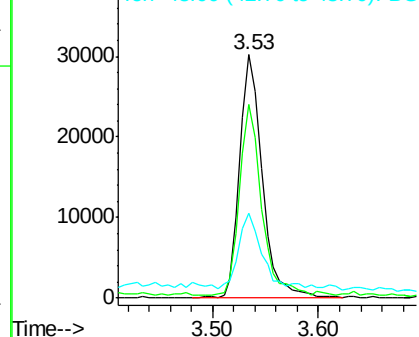


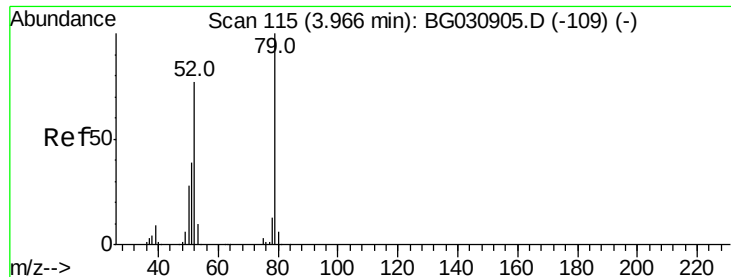
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.367 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.04 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

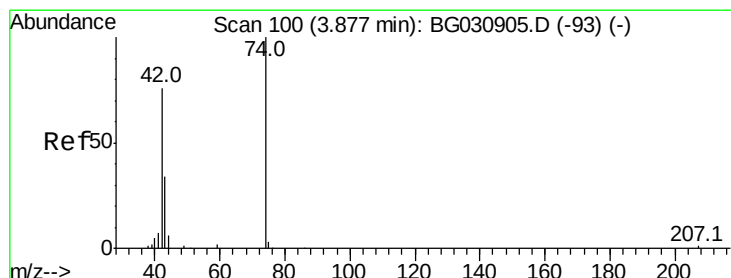
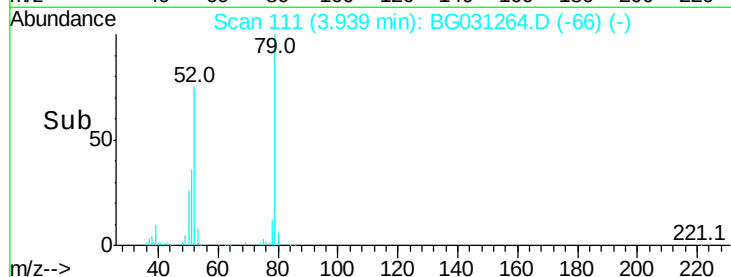
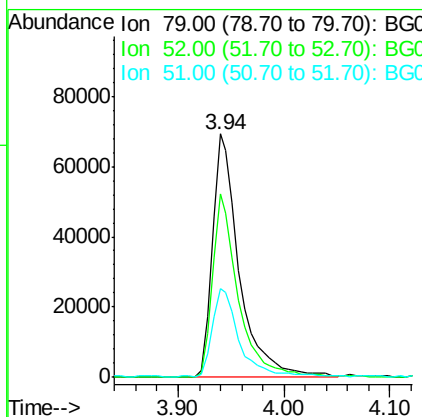
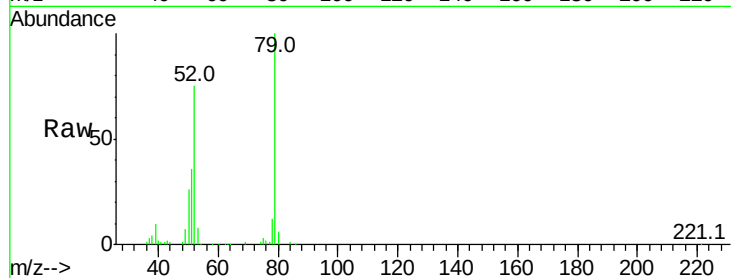
ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion:	79	Resp:	123529
Ion Ratio	Lower	Upper	
79	100		
52	75.2	69.9	104.9
51	36.2	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 37.947 ng

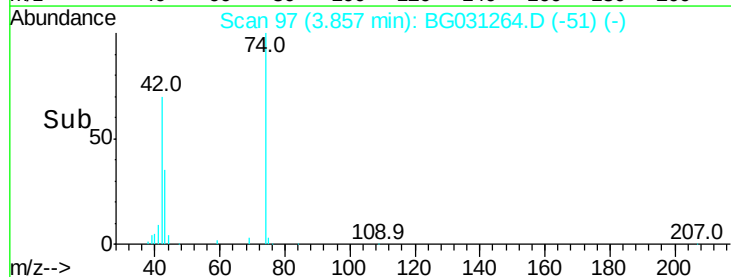
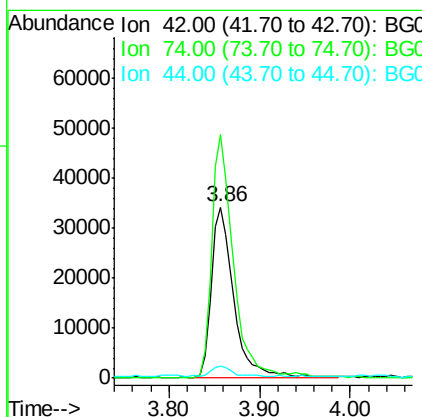
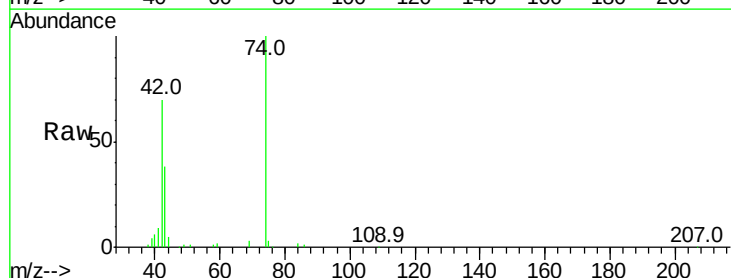
RT: 3.86 min Scan# 97

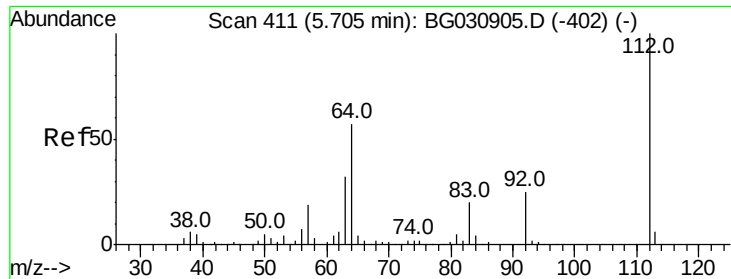
Delta R.T. -0.03 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion:	42	Resp:	59453
Ion Ratio	Lower	Upper	
42	100		
74	142.2	102.5	153.7
44	6.9	18.9	28.3#





#5

2-Fluorophenol

Concen: 146.096 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

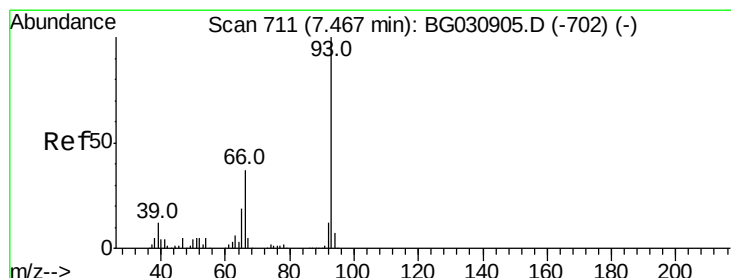
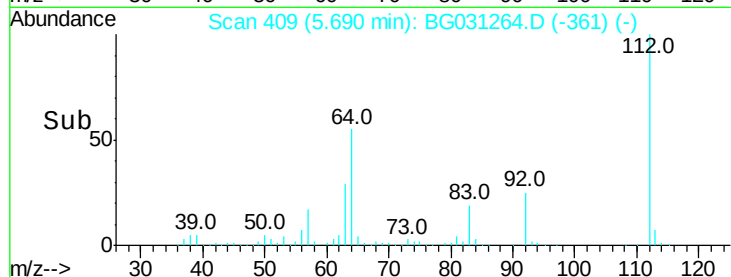
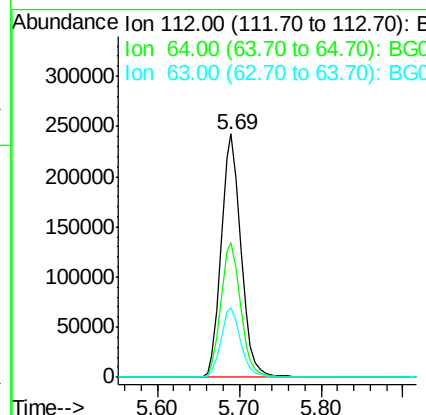
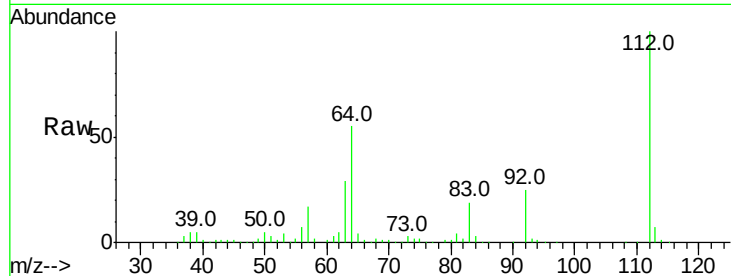
ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	409943		
64	55.2	56.3	84.5#	
63	28.6	30.1	45.1#	

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#6

Aniline

Concen: 25.357 ng

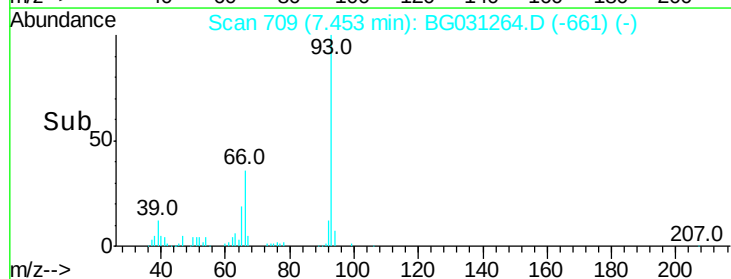
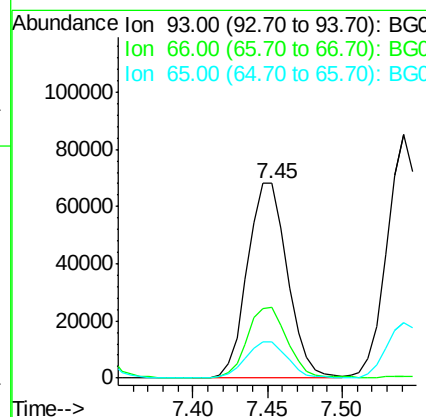
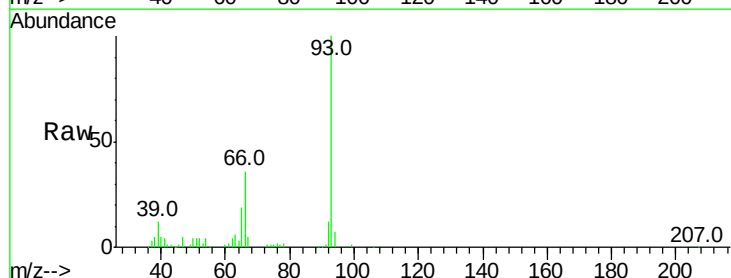
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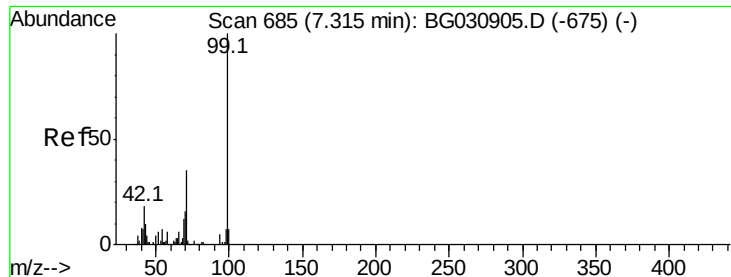
Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	126152		
66	36.1	33.7	50.5	
65	18.6	16.1	24.1	





#7

Phenol-d6

Concen: 144.486 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

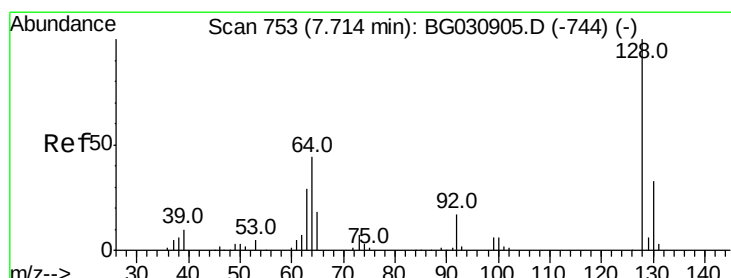
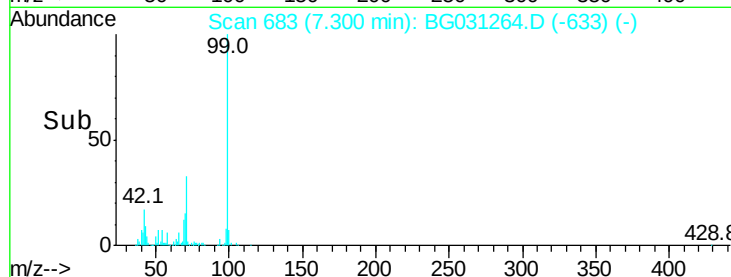
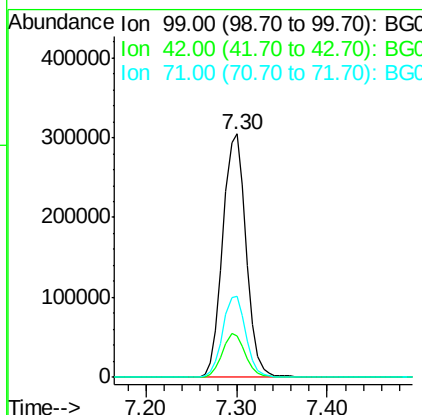
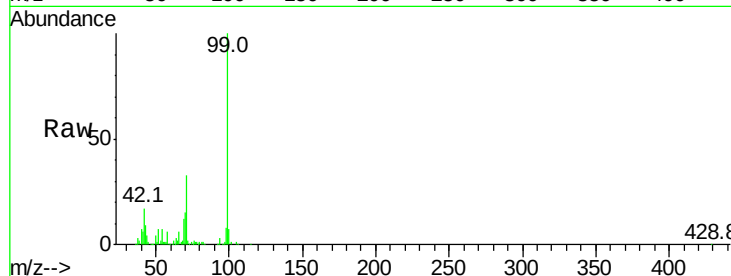
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		546199		
42	16.9	14.1	21.1		
71	33.1	26.1	39.1		

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#8

2-Chlorophenol

Concen: 48.784 ng

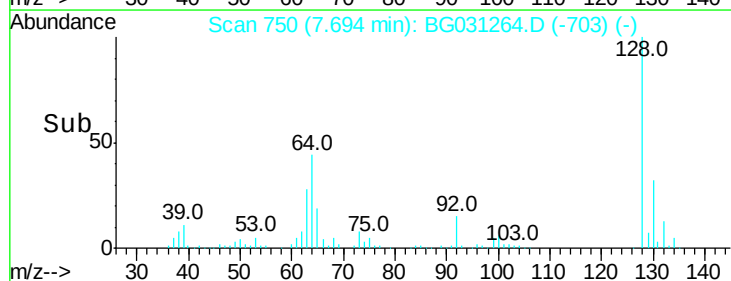
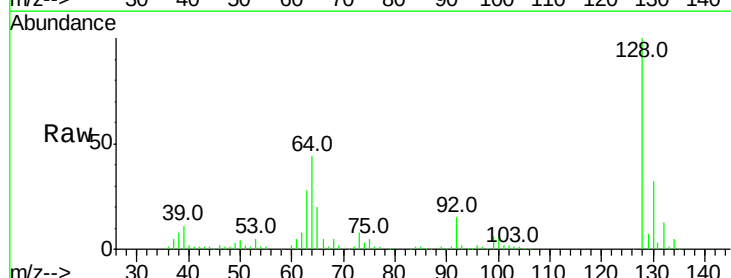
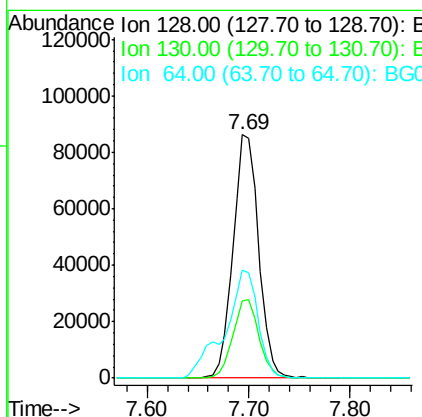
RT: 7.69 min Scan# 750

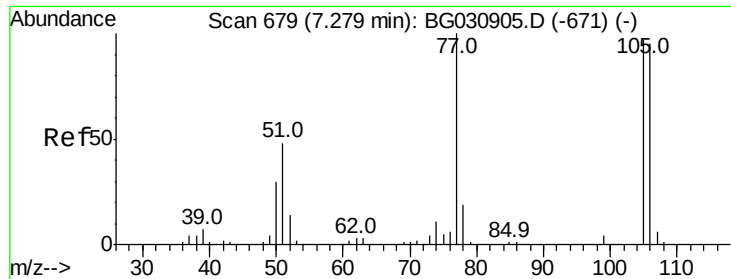
Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		151064		
130	31.9	14.0	54.0		
64	44.4	37.7	77.7		





#9

Benzaldehyde

Concen: 28.932 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

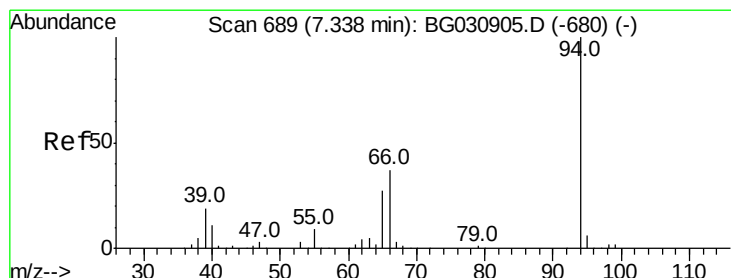
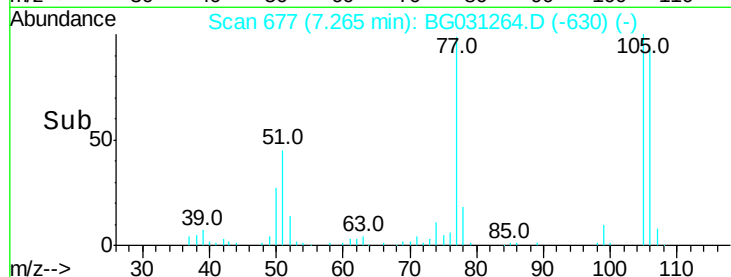
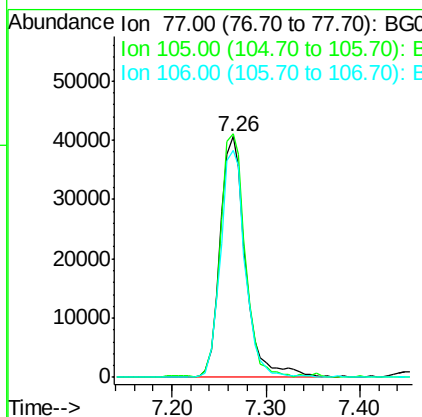
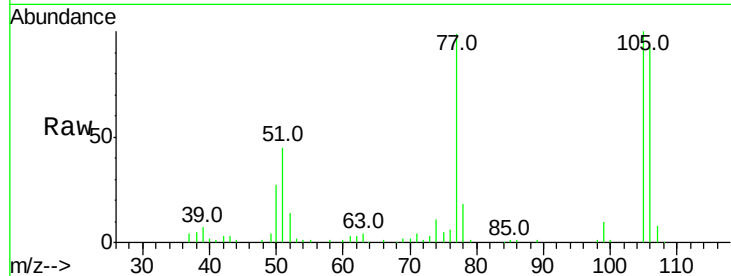
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Tot Ion:	77	Resp:	76535
Ion Ratio	Lower	Upper	
77	100		
105	101.2	71.3	111.3
106	94.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 54.860 ng

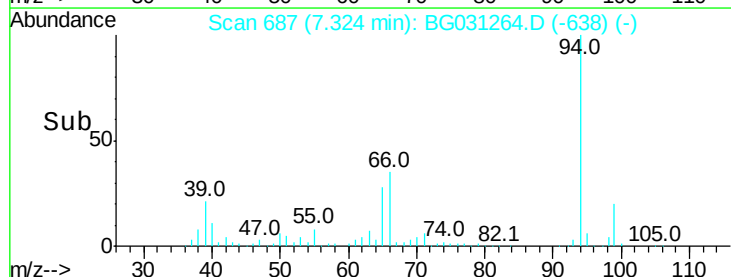
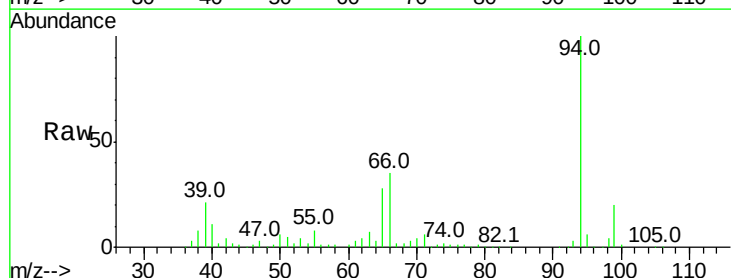
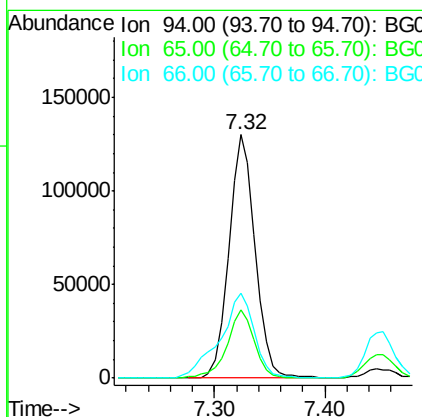
RT: 7.32 min Scan# 687

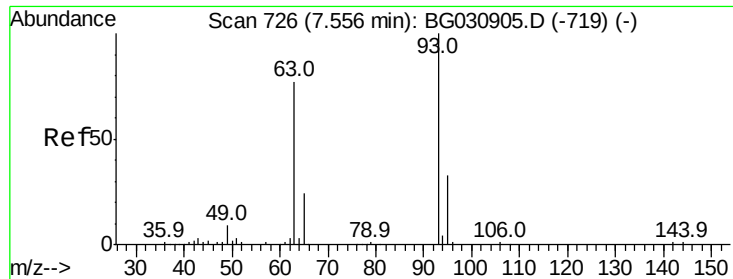
Delta R.T. -0.01 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion:	94	Resp:	215370
Ion Ratio	Lower	Upper	
94	100		
65	28.2	11.9	51.9
66	34.7	22.2	62.2





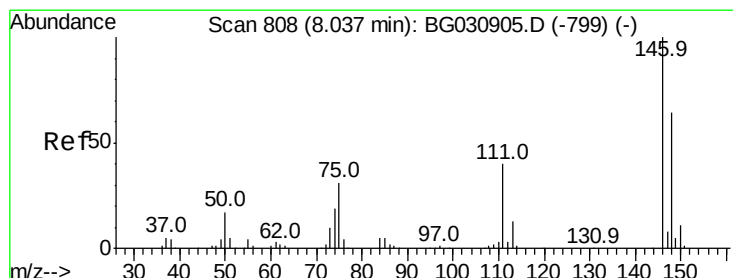
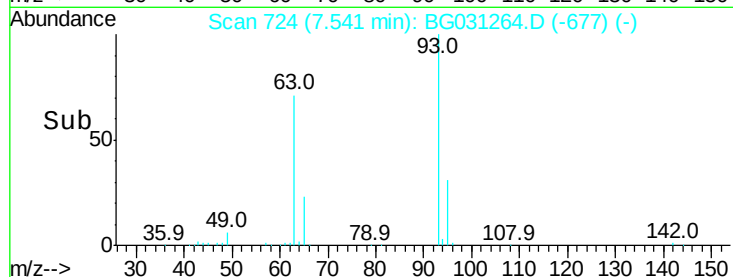
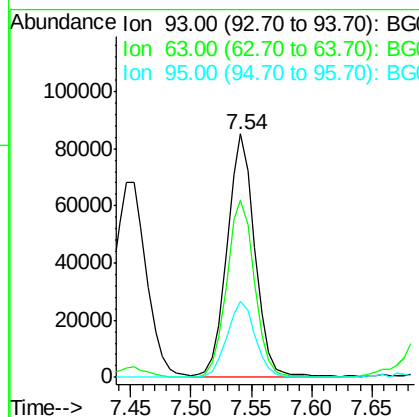
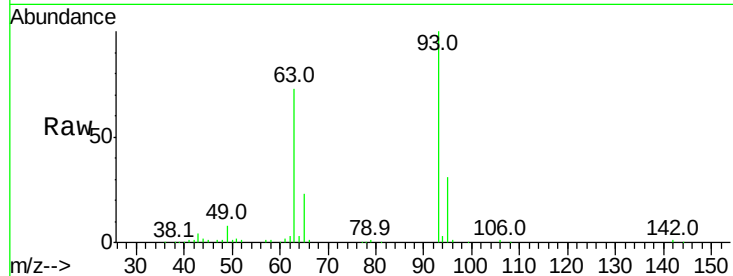
#11
 bis(2-Chloroethyl)ether
 Concen: 42.743 ng
 RT: 7.54 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion:	93	Resp:	133982
Ion	Ratio	Lower	Upper
93	100		
63	72.6	67.1	107.1
95	31.4	11.5	51.5

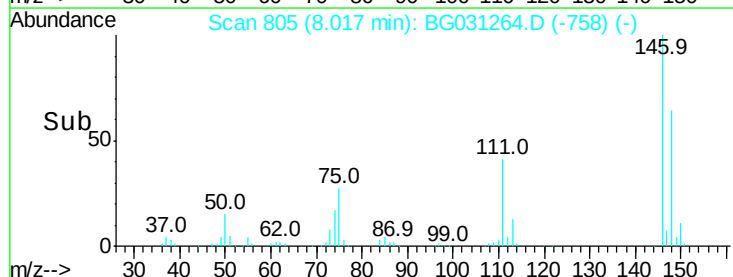
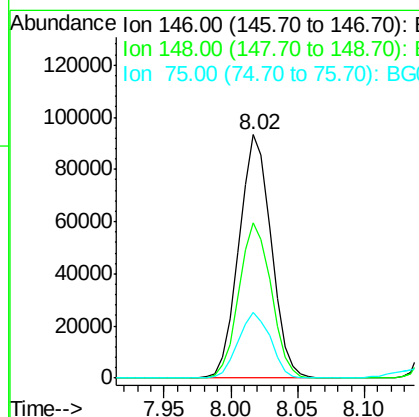
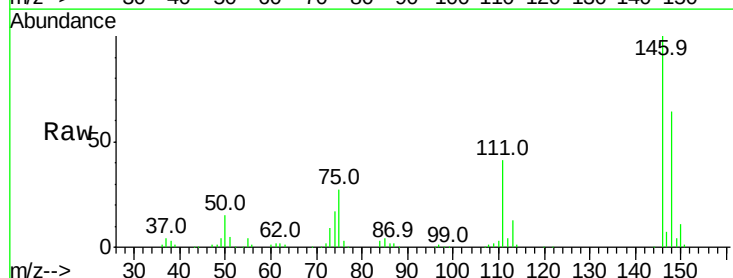
Manual Integrations
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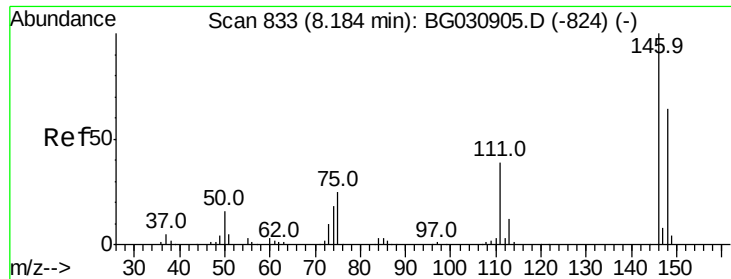
Sohil
 11/29/2017 4:30:09 PM



#12
 1,3-Dichlorobenzene
 Concen: 42.903 ng
 RT: 8.02 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion:	146	Resp:	155871
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
75	26.9	26.6	39.8





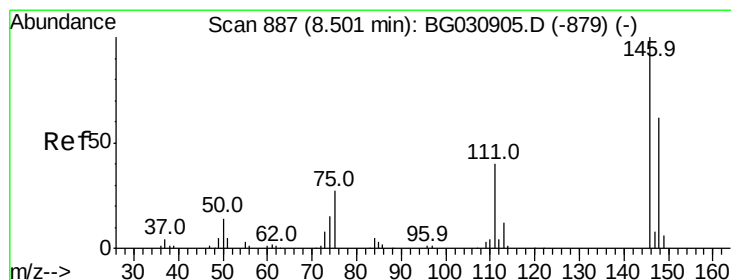
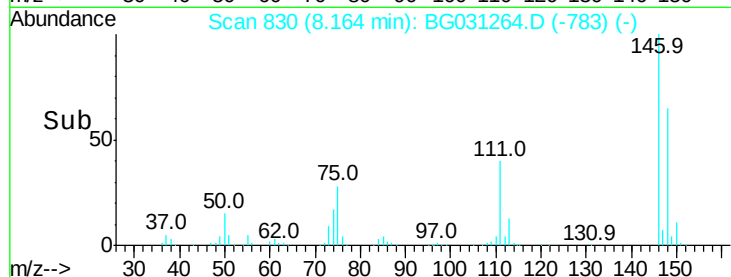
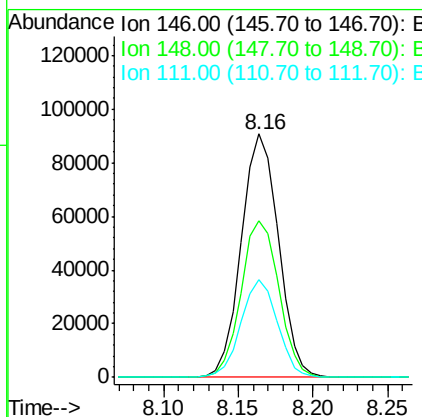
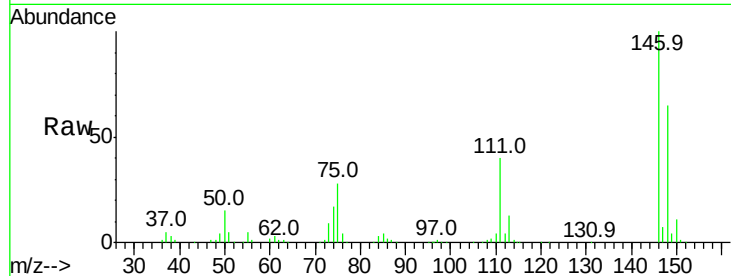
#13
 1,4-Dichlorobenzene
 Concen: 42.487 ng
 RT: 8.16 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.7	80.5
111	40.2	35.2	52.8

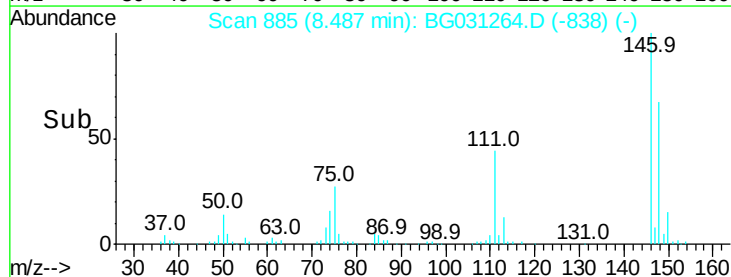
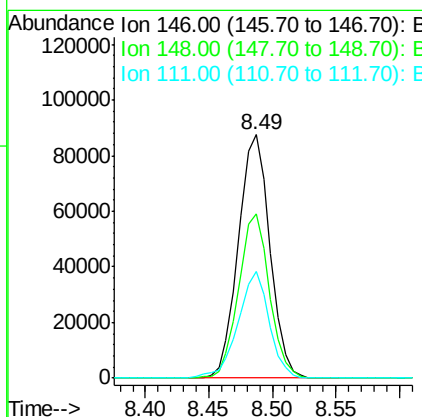
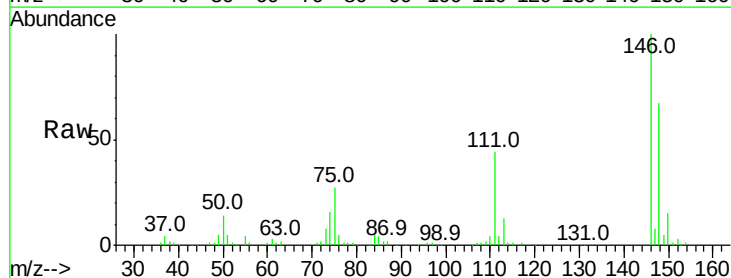
Manual Integrations
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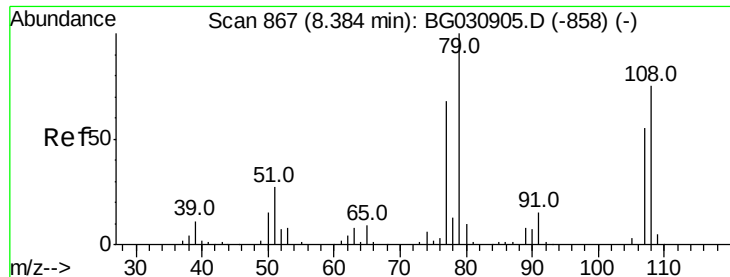
Sohil
 11/29/2017 4:30:09 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.769 ng
 RT: 8.49 min Scan# 885
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	49.3	73.9
111	43.6	34.3	51.5





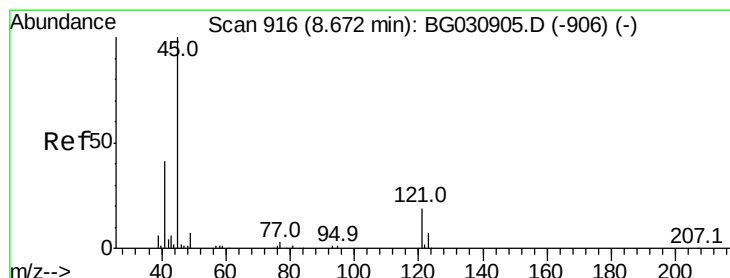
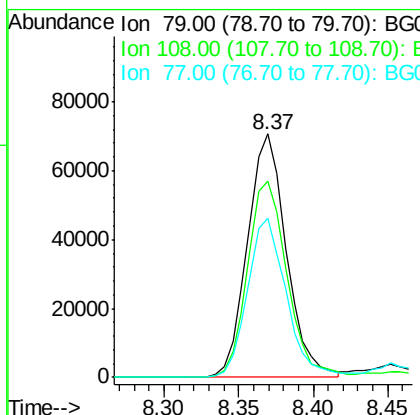
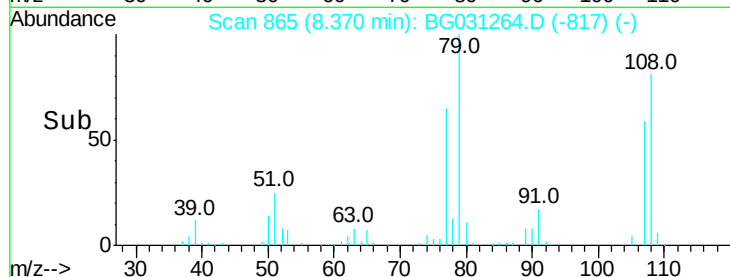
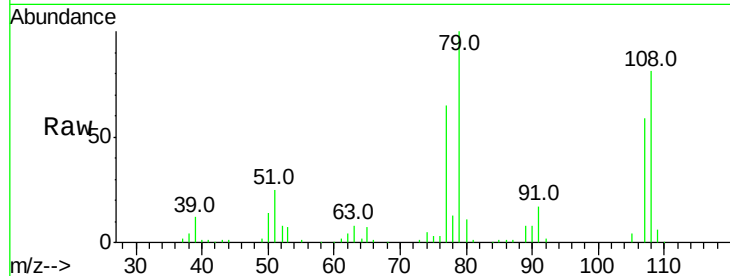
#15
Benzyl Alcohol
Concen: 41.883 ng
RT: 8.37 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	57.2	85.8
77	65.5	46.1	69.1

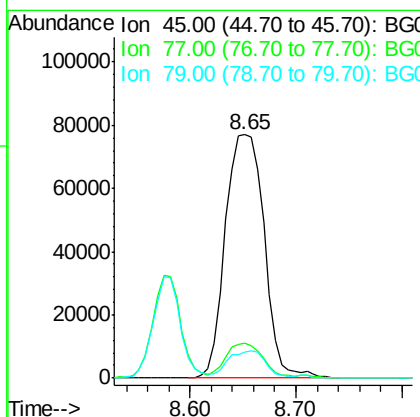
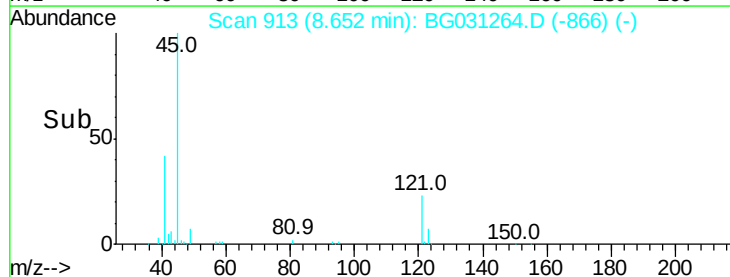
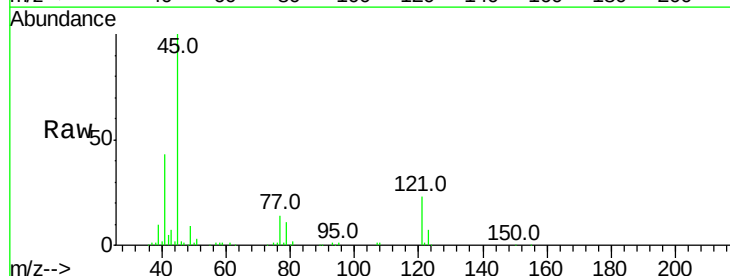
Manual Integrations
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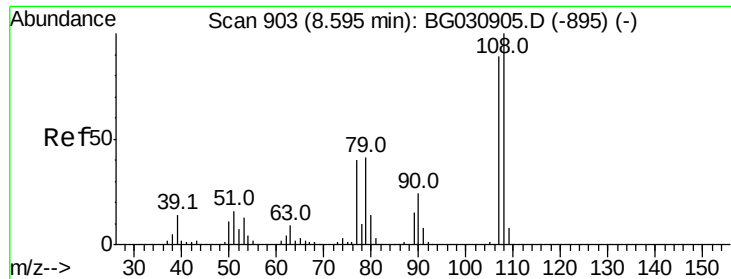
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.765 ng
RT: 8.65 min Scan# 913
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	30.2
79	10.9	0.0	27.9





#17

2-Methylphenol

Concen: 48.650 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

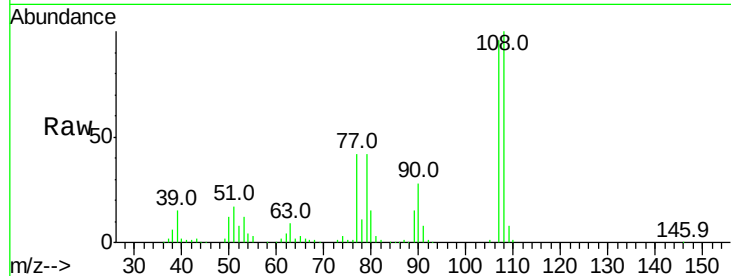
ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion	107	Resp	132999
Ion	Ratio	Lower	Upper
107	100		
108	104.6	83.9	125.9
77	44.0	37.2	55.8
79	43.6	36.2	54.2

Manual Integrations
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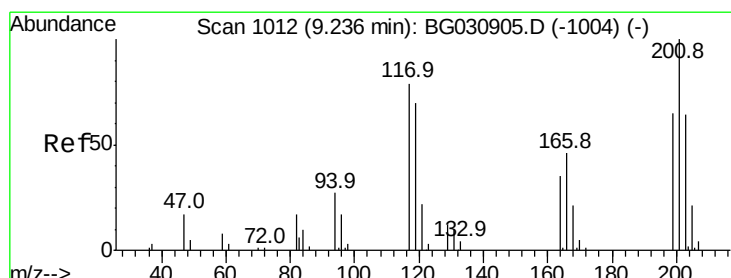
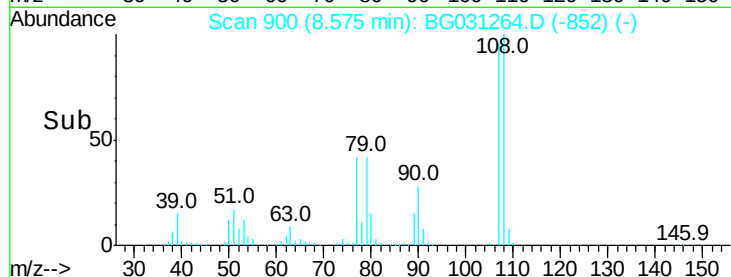
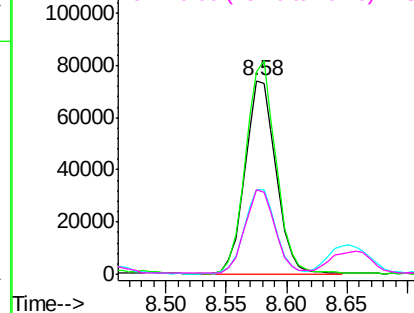
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.574 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

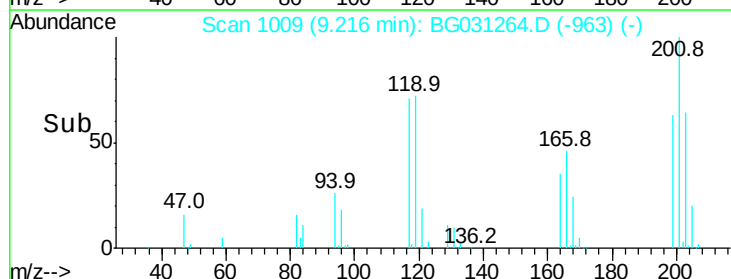
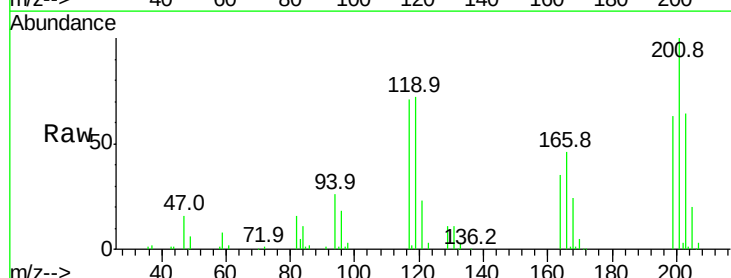
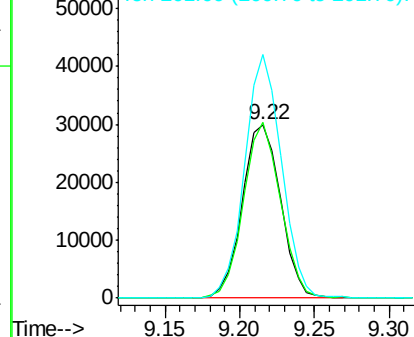
Tgt Ion	117	Resp	53271
Ion	Ratio	Lower	Upper
117	100		
119	101.5	76.7	115.1
201	140.4	95.7	143.5

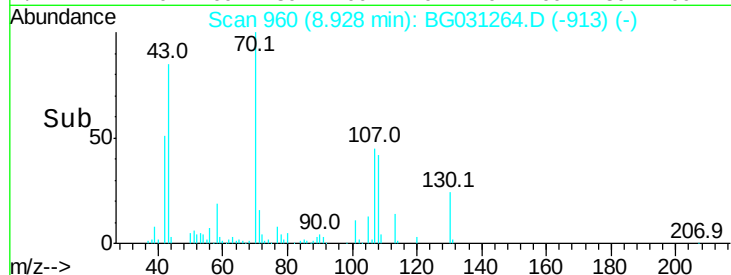
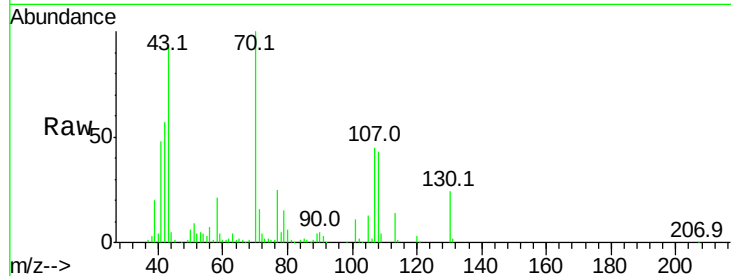
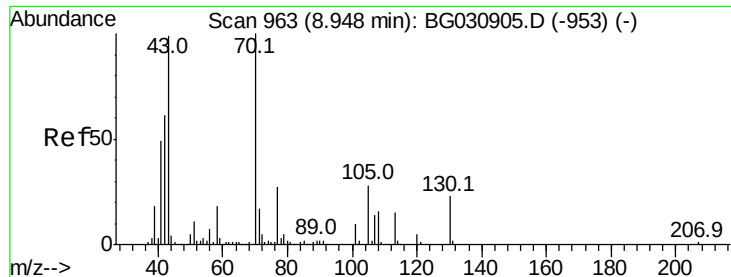
Abundance

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





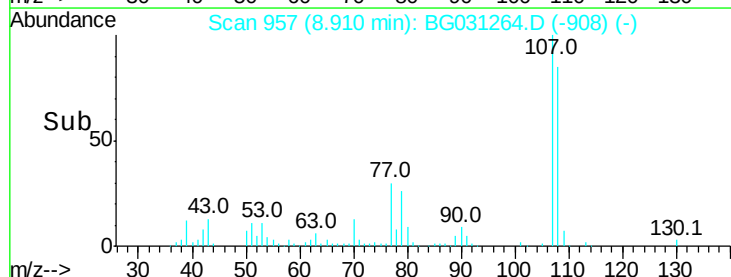
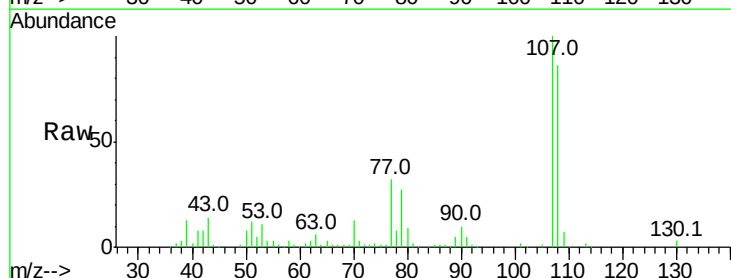
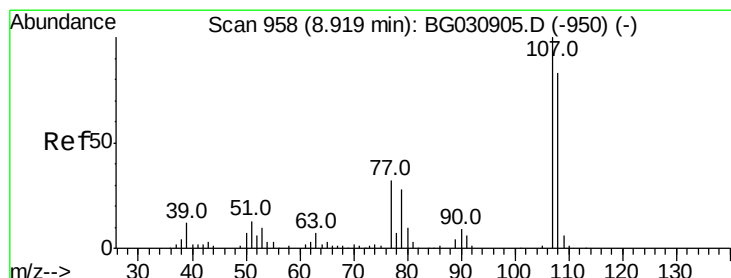
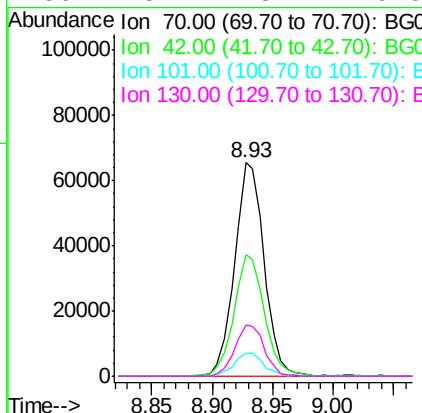
#19
n-Nitroso-di-n-propylamine
Concen: 38.872 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.1	49.1	73.7
101	10.9	8.5	12.7
130	23.7	13.4	20.0

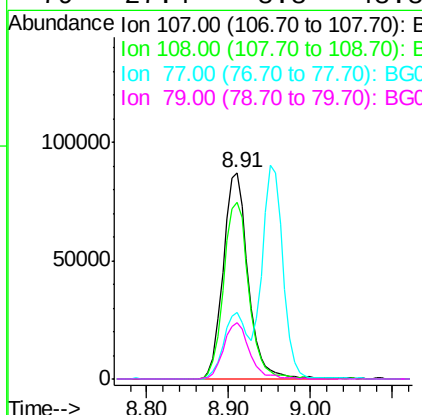
Manual Integrations
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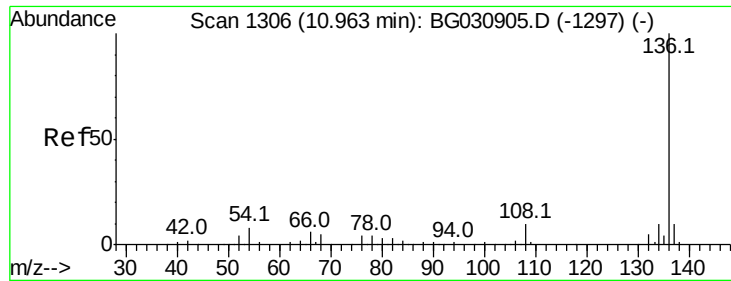
Sohil
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#20
3+4-Methylphenols
Concen: 47.429 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	61.6	101.6
77	32.5	13.9	53.9
79	27.4	8.8	48.8





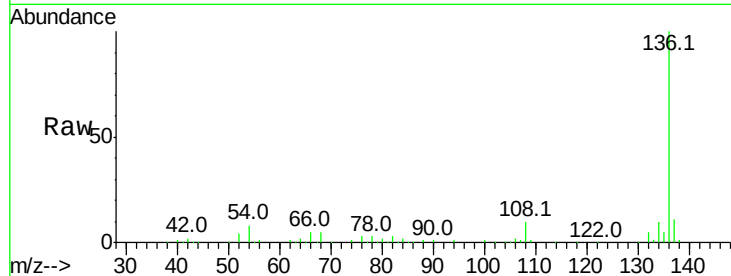
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

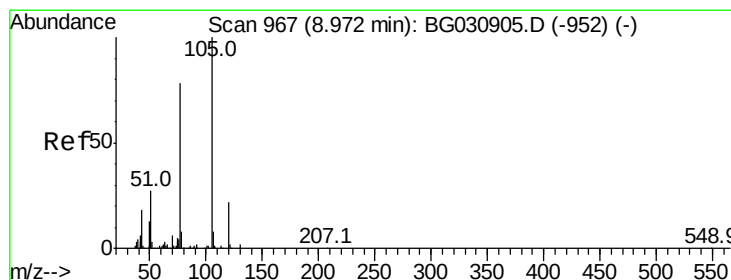
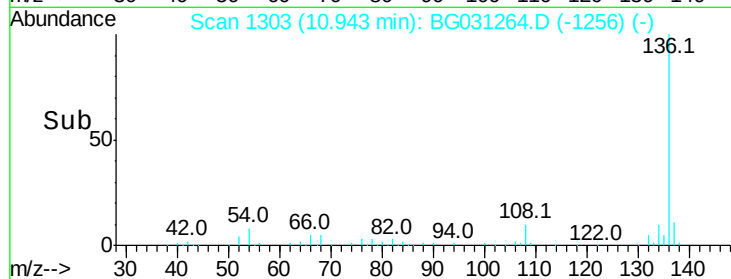
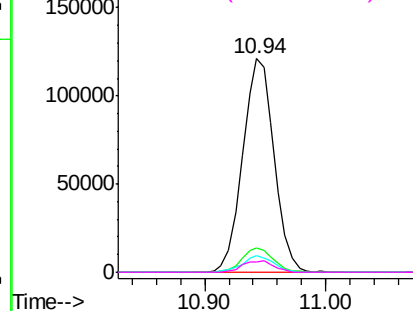
Tot Ion	Ratio	Resp	Lower	Upper
136	100	218904		
137	11.4	9.2	13.8	
54	7.9	10.3	15.5	
68	4.8	4.5	6.7	

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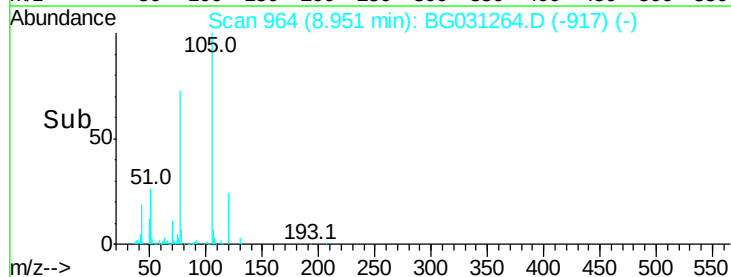
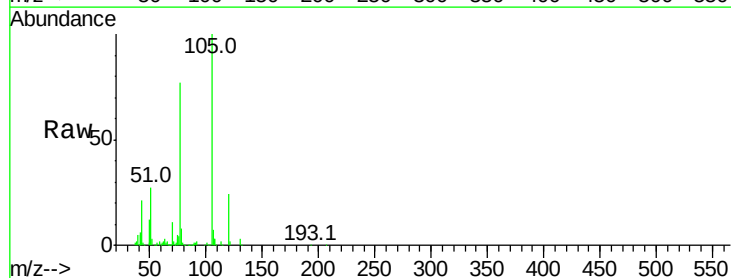
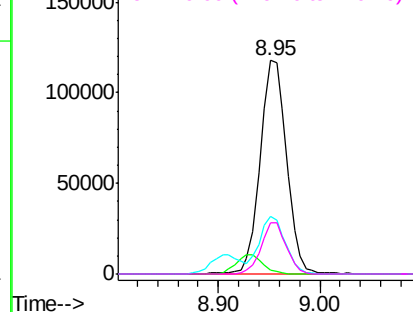
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

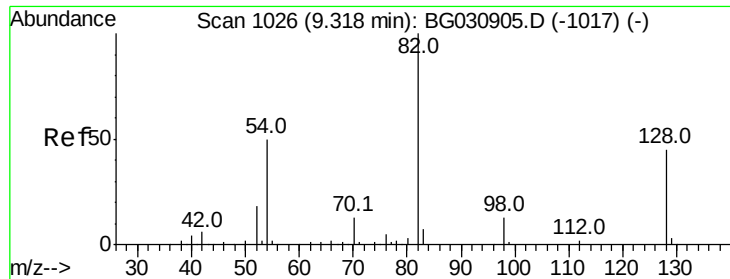


#22
Acetophenone
Concen: 39.287 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	214133		
71	2.0	3.0	4.4	
51	27.2	26.1	39.1	
120	23.9	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





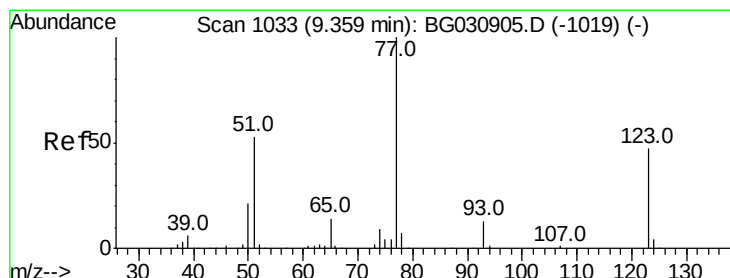
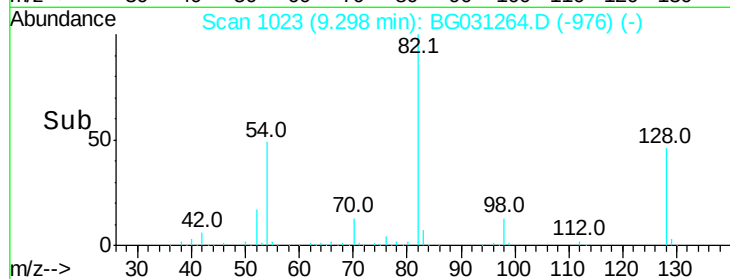
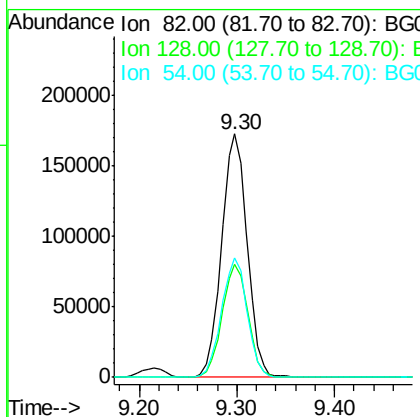
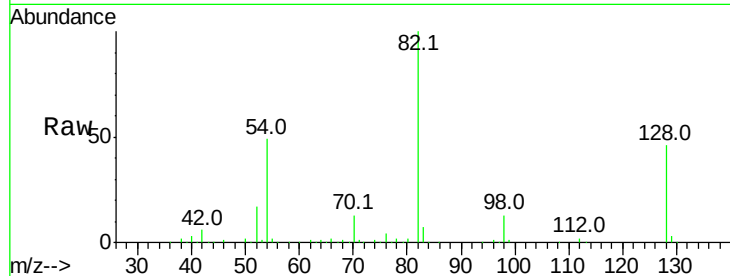
#23
Nitrobenzene-d5
Concen: 84.418 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	29.7	44.5#
54	48.8	43.1	64.7

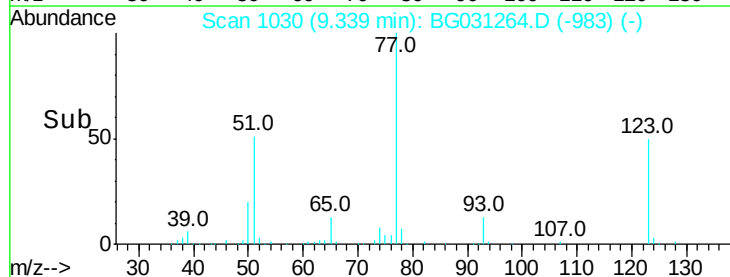
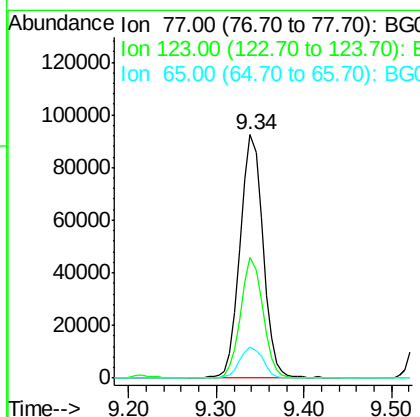
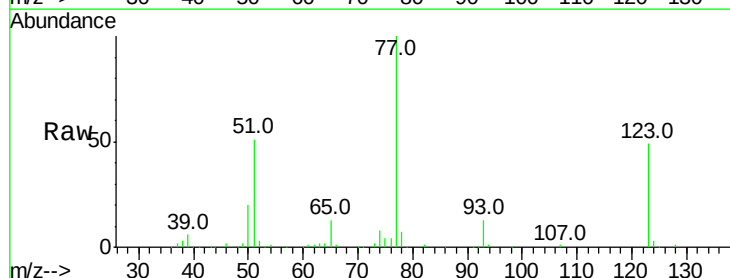
Manual Integrations
APPROVED

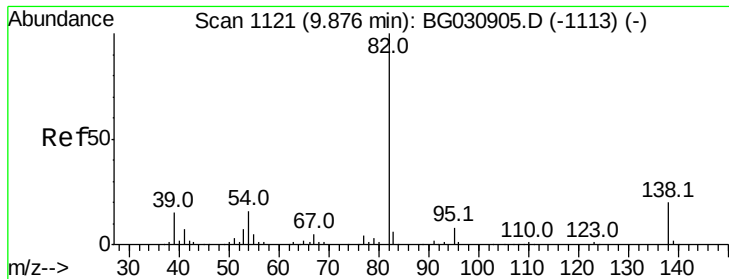
Sohil
11/29/2017 4:30:09 PM



#24
Nitrobenzene
Concen: 43.352 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	33.0	49.6
65	12.9	13.0	19.6#





#25

Isophorone

Concen: 45.531 ng

RT: 9.86 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

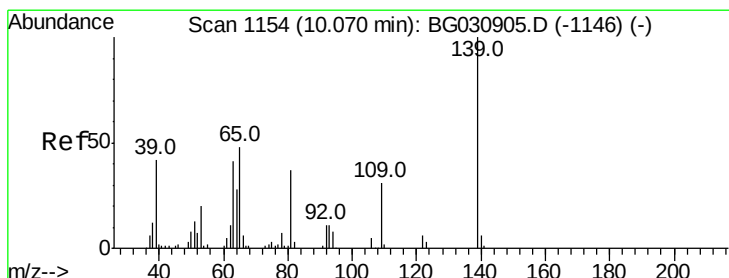
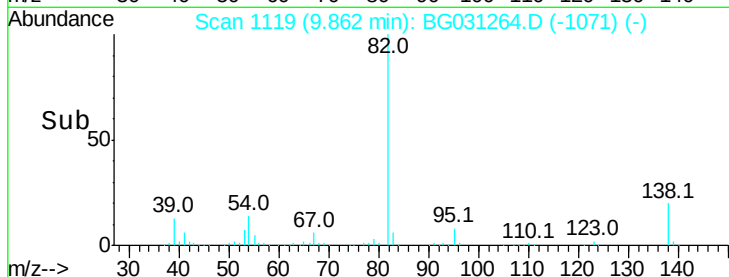
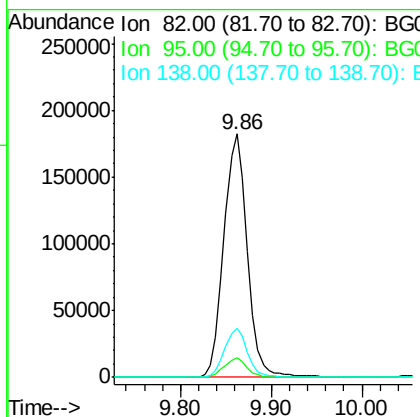
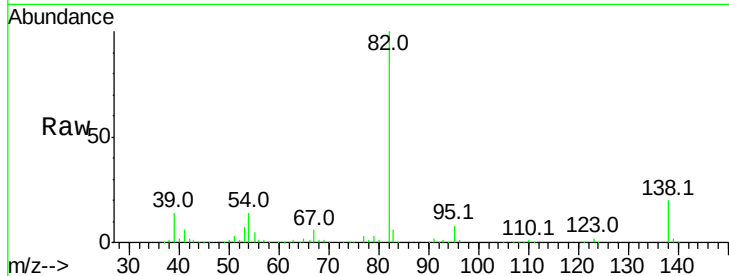
ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion:	82	Resp:	328034
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.2	9.2
138	19.9	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.325 ng

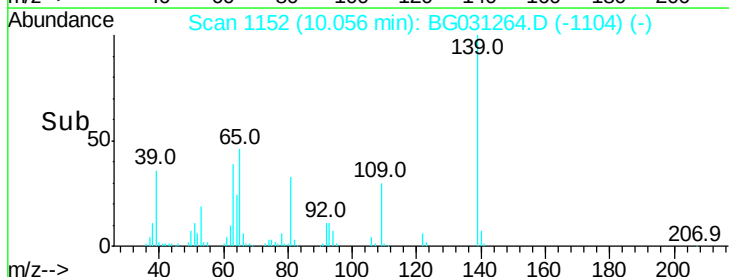
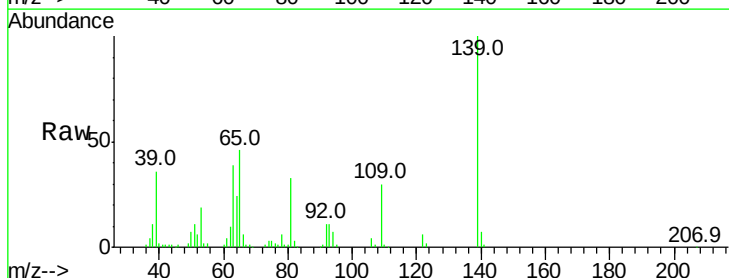
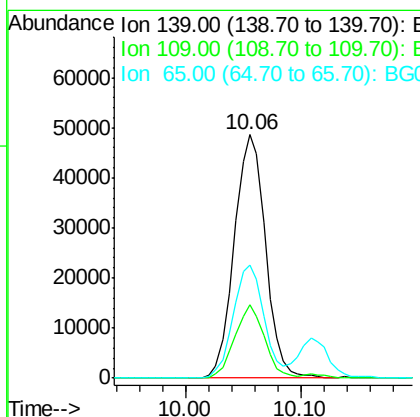
RT: 10.06 min Scan# 1152

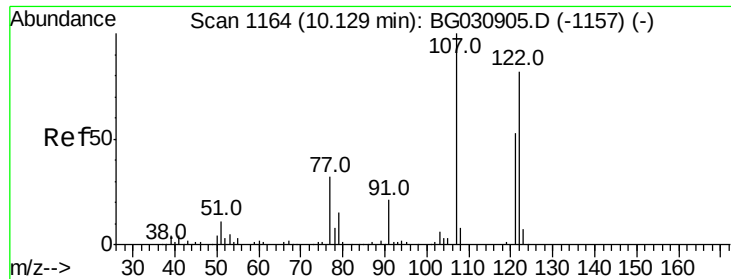
Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion:	139	Resp:	91120
Ion Ratio	Lower	Upper	
139	100		
109	30.1	24.2	36.2
65	46.2	47.4	71.0#





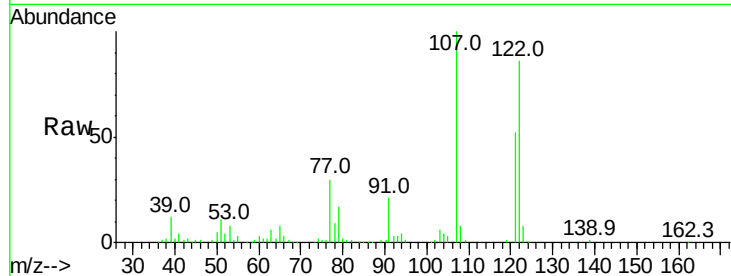
#27
 2,4-Dimethylphenol
 Concen: 52.005 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

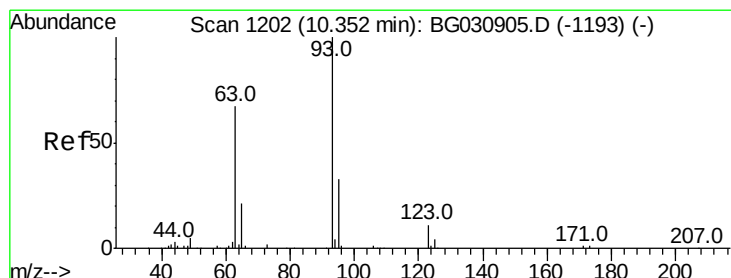
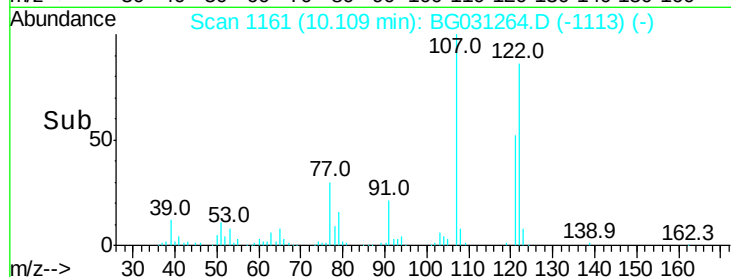
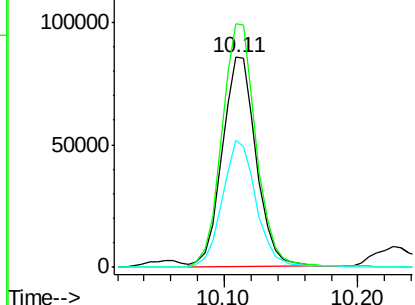
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	100.2	150.2
121	60.6	44.4	66.6

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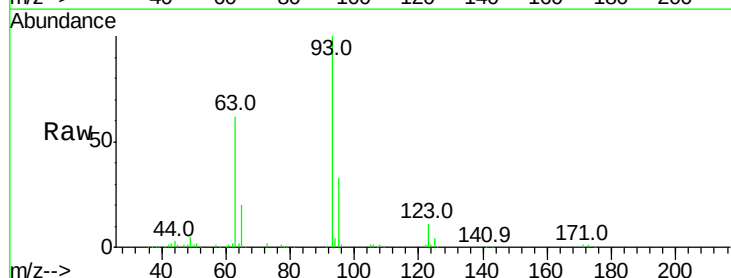


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

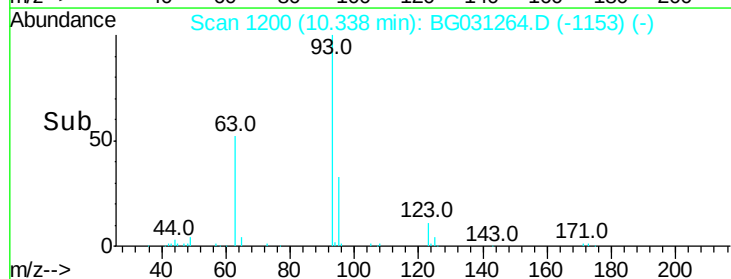
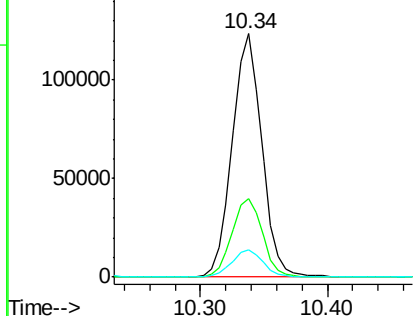


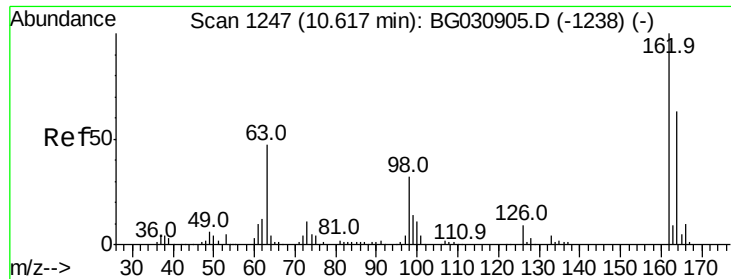
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.863 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	11.0	8.4	12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





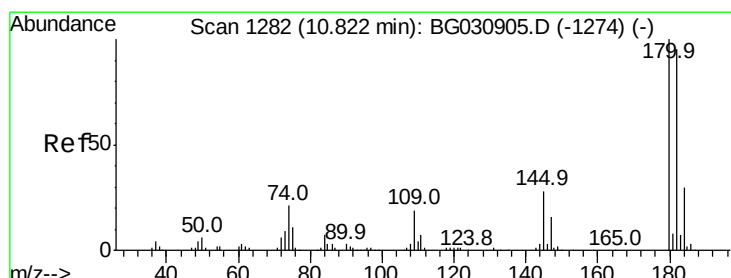
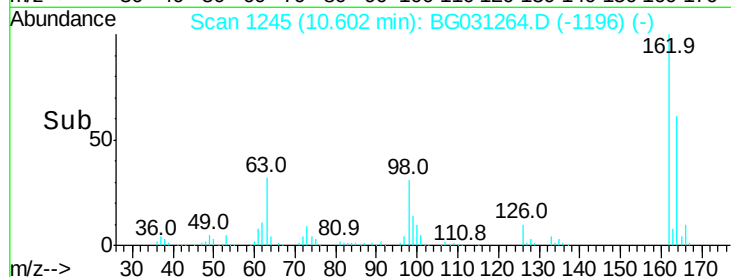
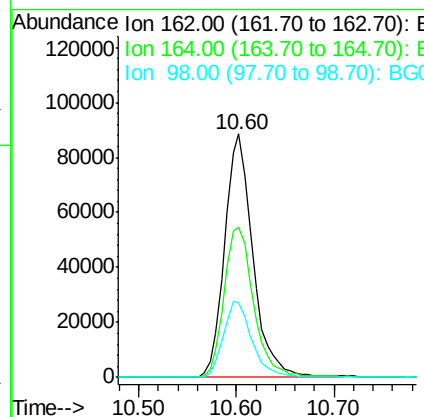
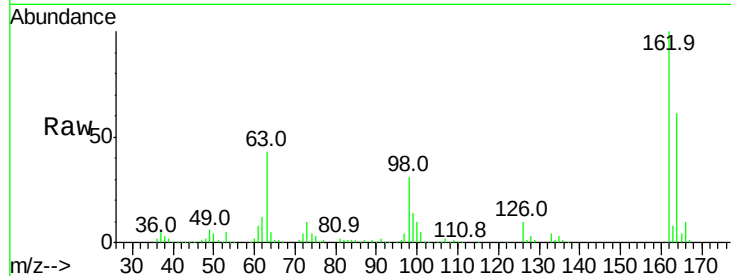
#29
 2,4-Dichlorophenol
 Concen: 50.844 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	178290		
164	61.5	48.0	88.0	
98	30.7	21.1	61.1	

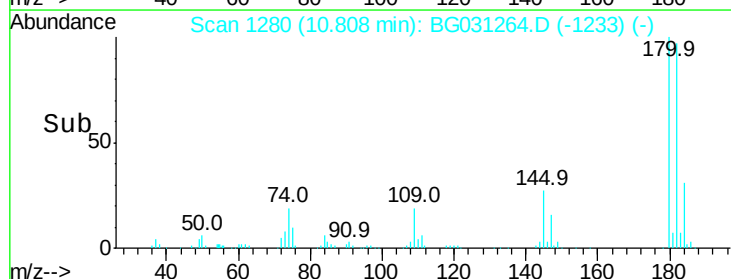
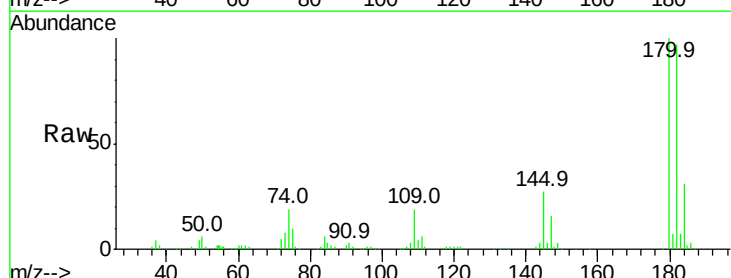
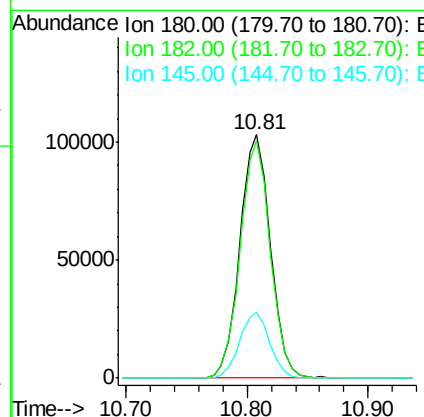
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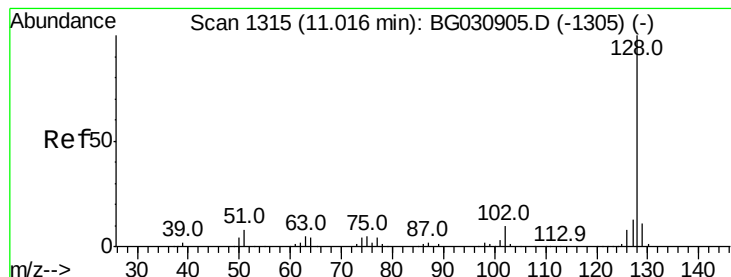
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.366 ng
 RT: 10.81 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181550		
182	97.4	77.5	116.3	
145	27.0	23.4	35.2	





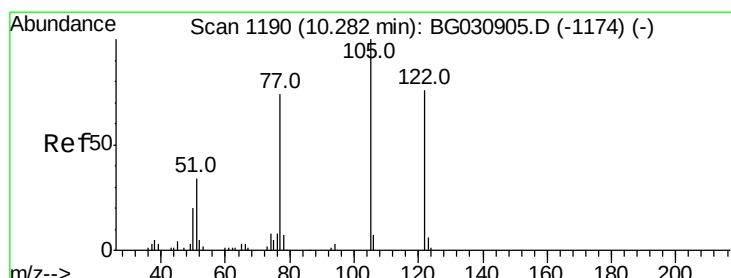
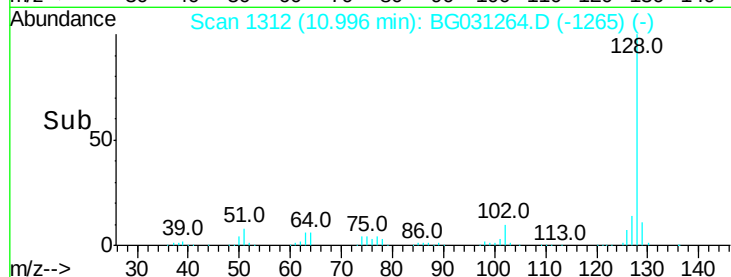
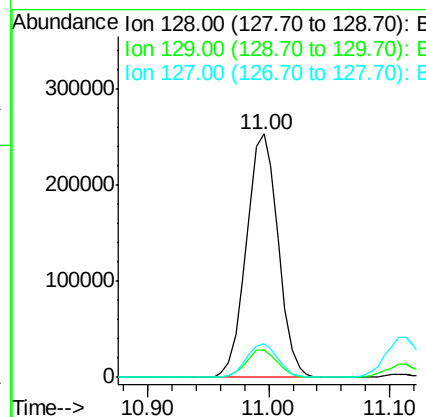
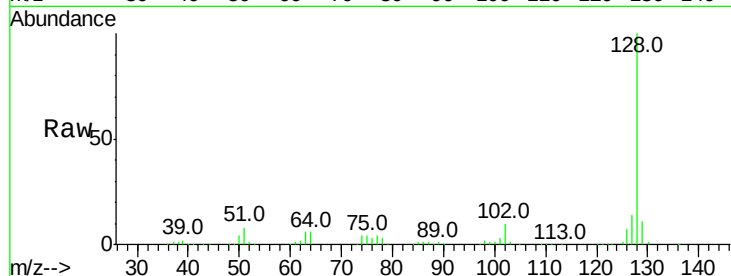
#31
Naphthalene
Concen: 43.120 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.6	11.6	17.4

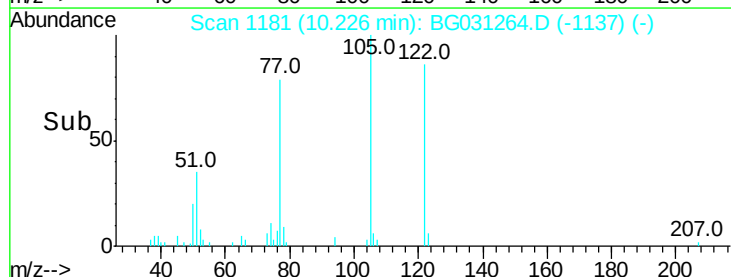
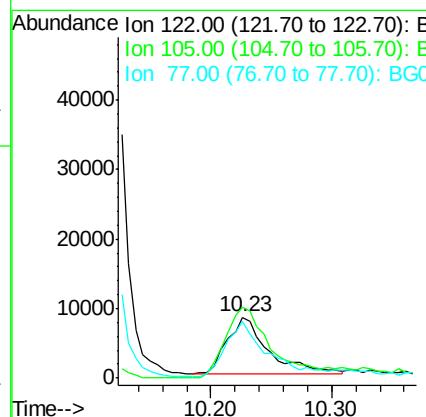
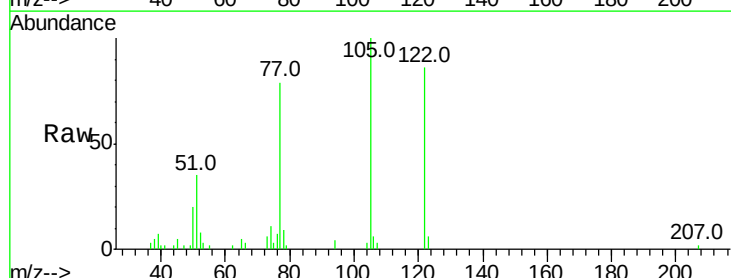
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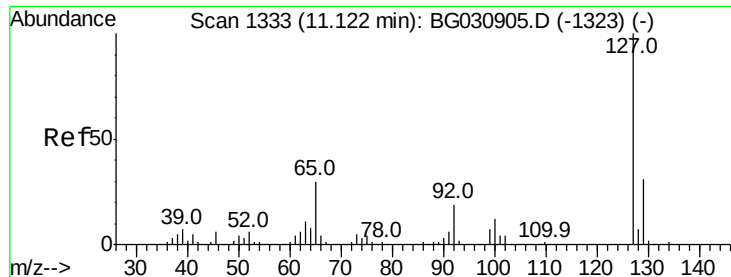
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#32
Benzoic acid
Concen: 12.952 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.9	123.5	163.5#
77	92.1	85.7	125.7





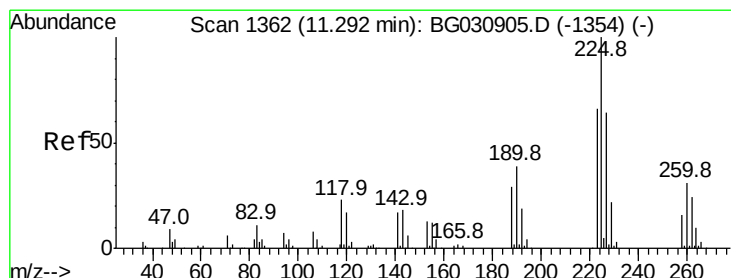
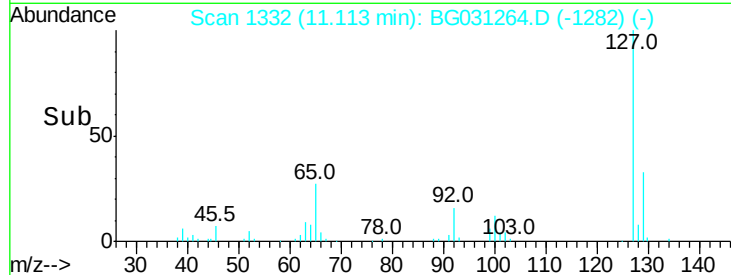
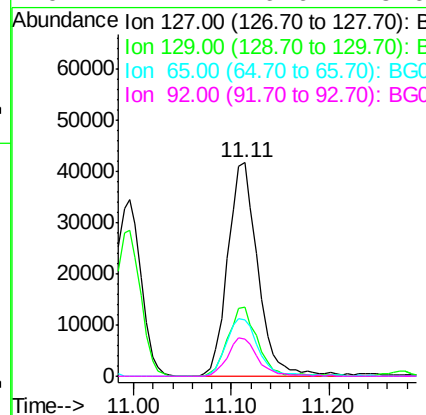
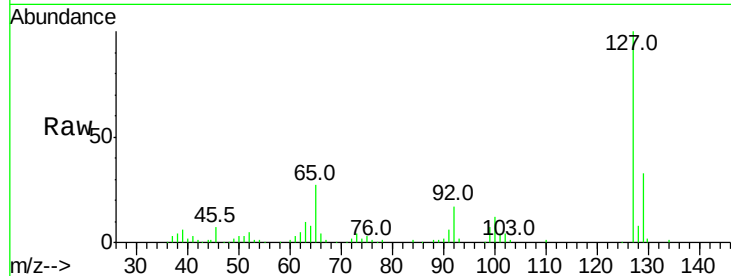
#33
 4-Chloroaniline
 Concen: 18.985 ng
 RT: 11.11 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.0	36.0
65	26.6	27.0	40.4
92	17.4	16.6	25.0

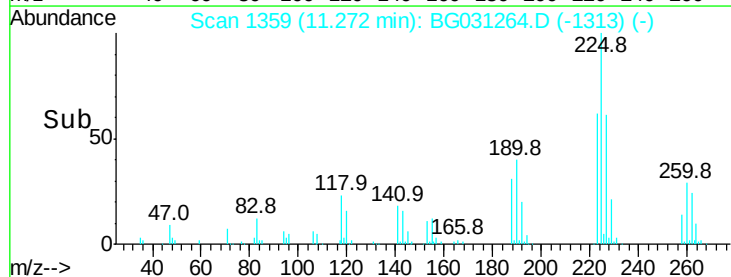
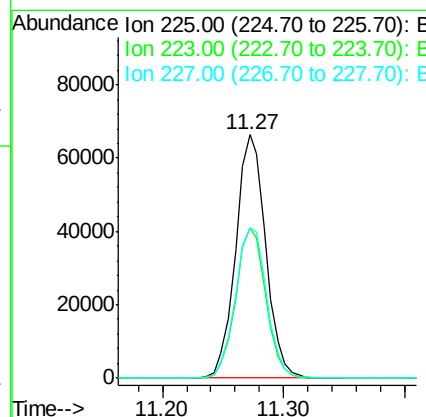
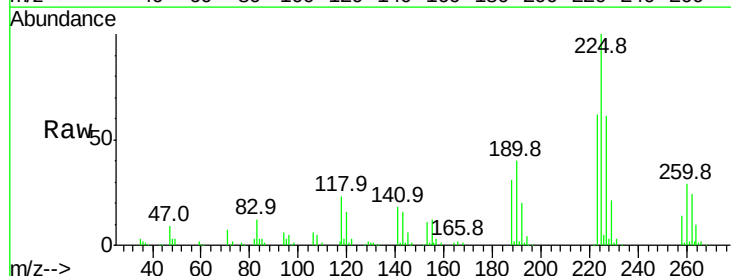
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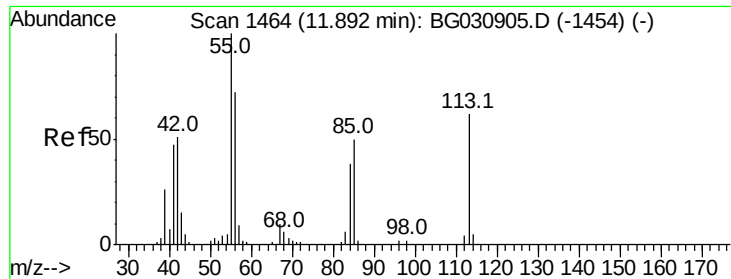
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#34
 Hexachlorobutadiene
 Concen: 39.459 ng
 RT: 11.27 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.7	74.5
227	61.4	48.1	72.1





#35

Caprolactam

Concen: 51.005 ng/mL

RT: 11.87 min Scan# 1461

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

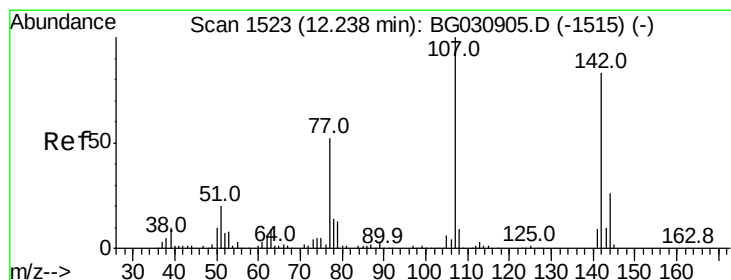
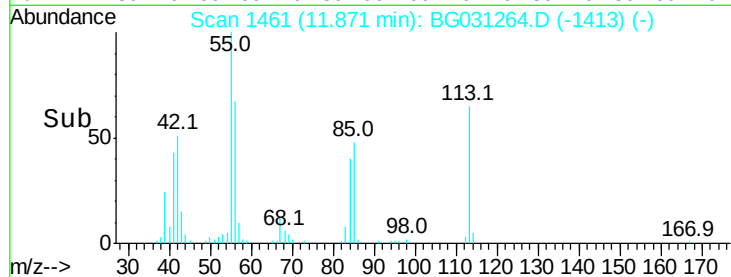
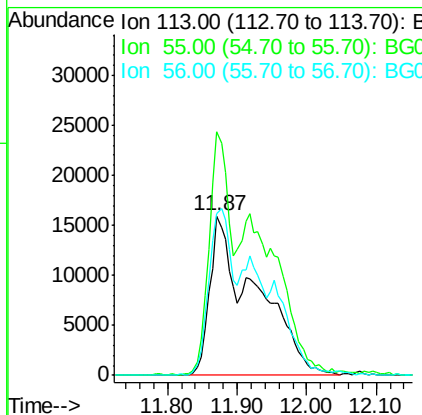
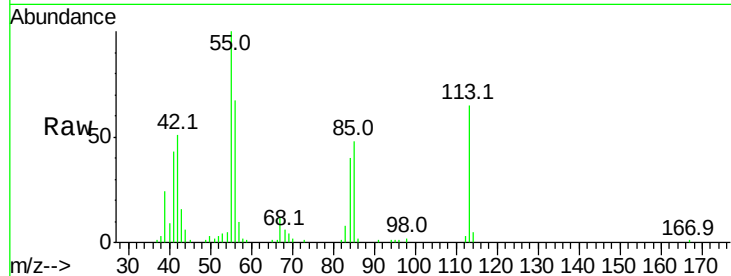
ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion:	113	Resp:	73062
Ion Ratio	Lower	Upper	
113	100		
55	152.9	186.9	226.9#
56	101.9	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 49.548 ng/mL

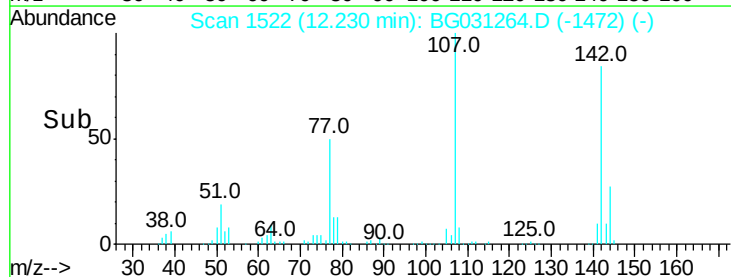
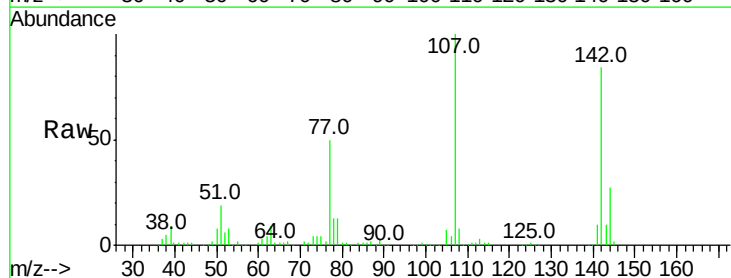
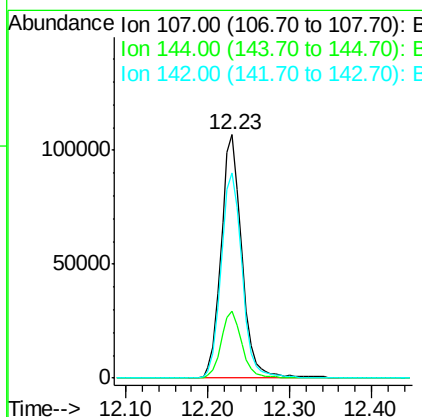
RT: 12.23 min Scan# 1522

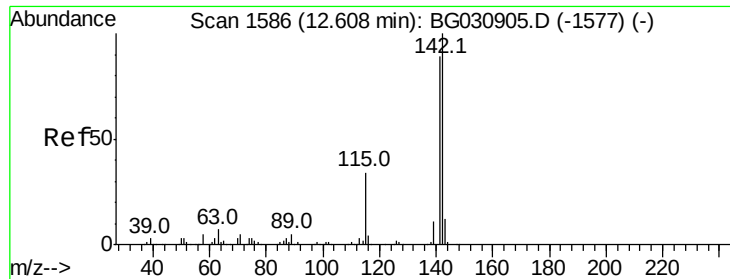
Delta R.T. -0.01 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion:	107	Resp:	189101
Ion Ratio	Lower	Upper	
107	100		
144	27.3	18.2	27.4
142	84.3	59.0	88.4





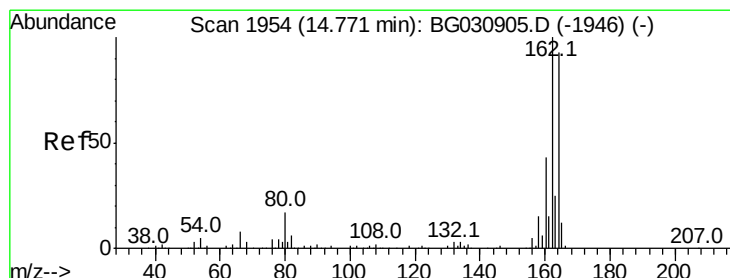
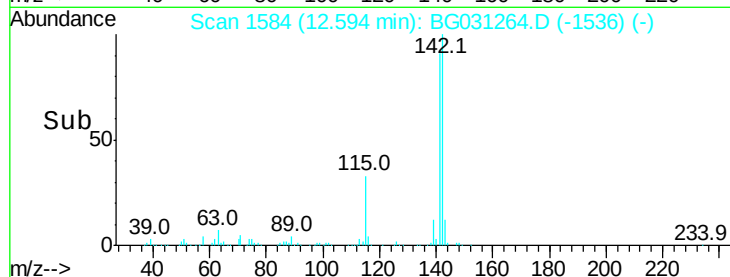
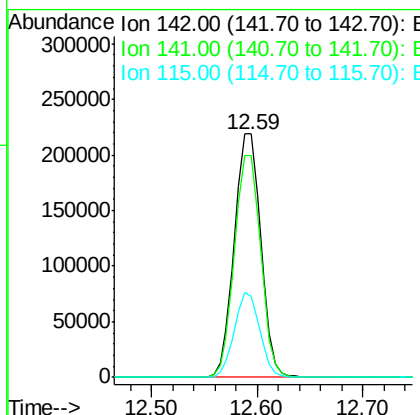
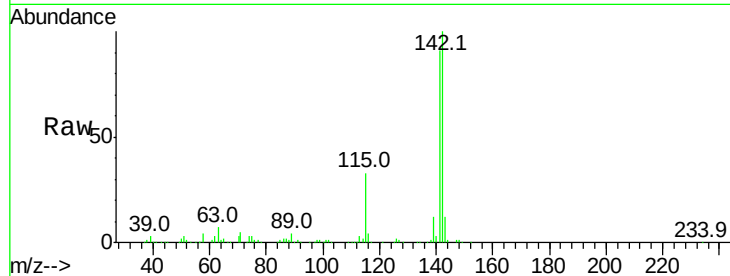
#37
2-Methylnaphthalene
Concen: 45.786 ng
RT: 12.59 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	91.3	67.1	100.7	
115	33.3	30.7	46.1	

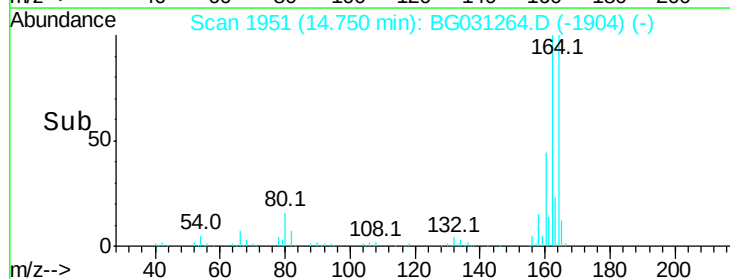
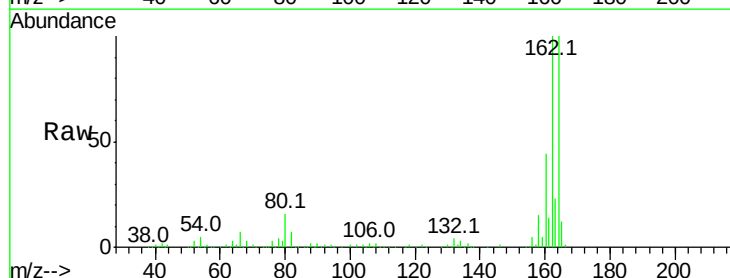
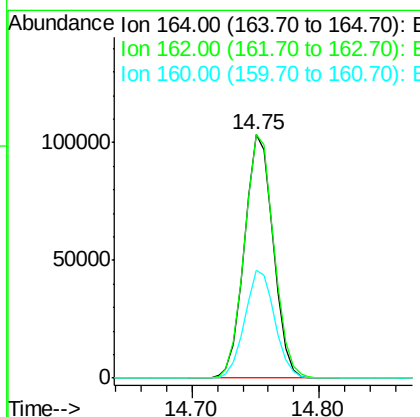
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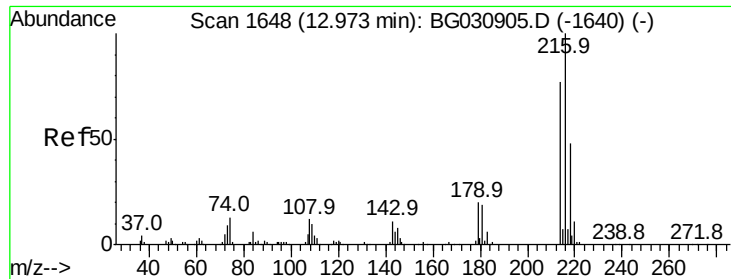
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.9	78.8	118.2	
160	44.2	35.4	53.0	





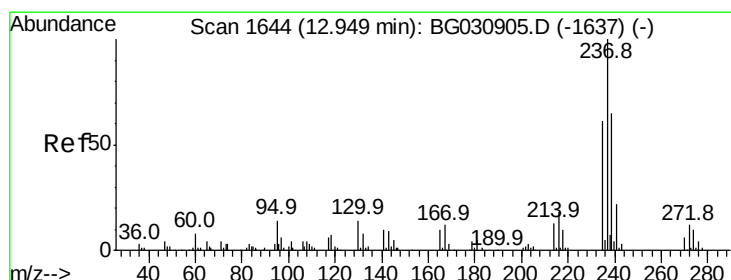
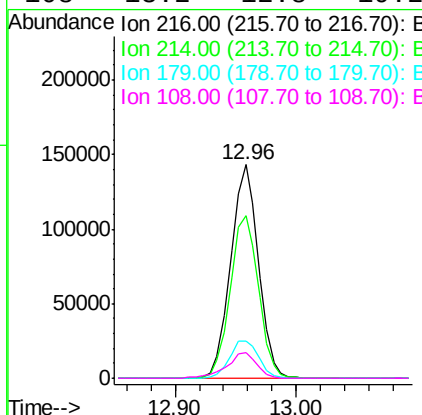
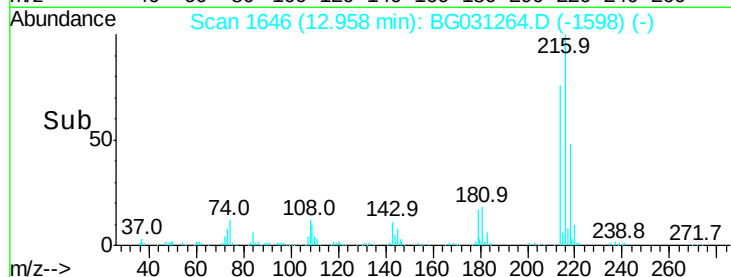
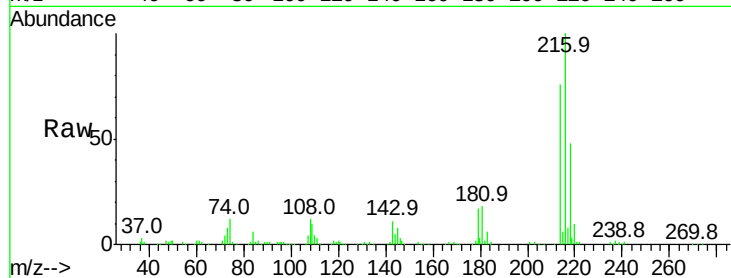
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.344 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	228641		
214	77.9	63.0	94.4	
179	18.3	17.0	25.6	
108	13.2	12.8	19.2	

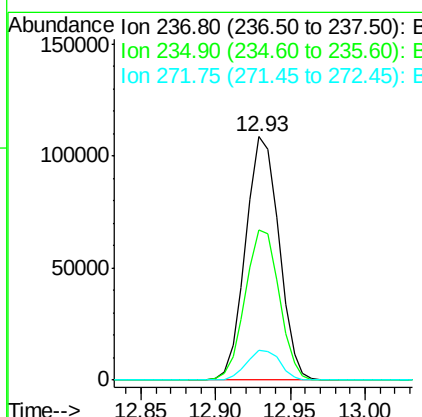
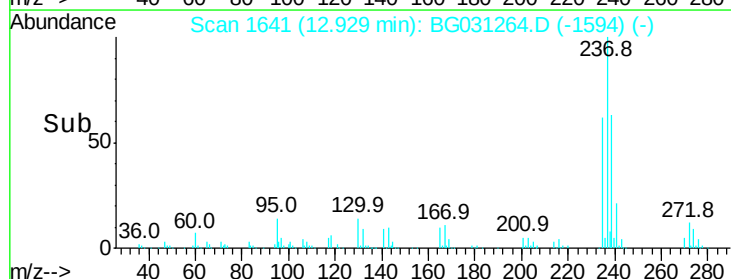
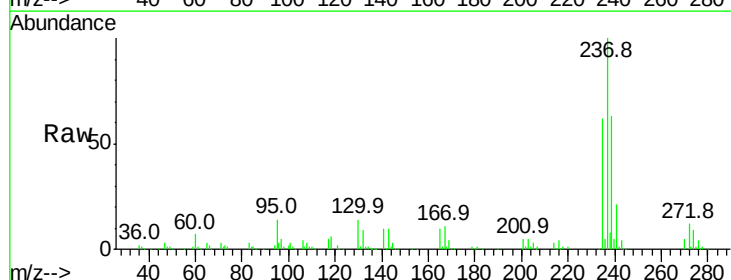
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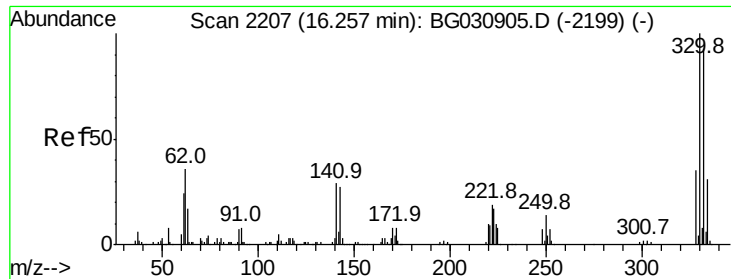
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#40
 Hexachlorocyclopentadiene
 Concen: 71.470 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	167861		
235	61.6	50.4	90.4	
272	12.1	0.0	31.8	





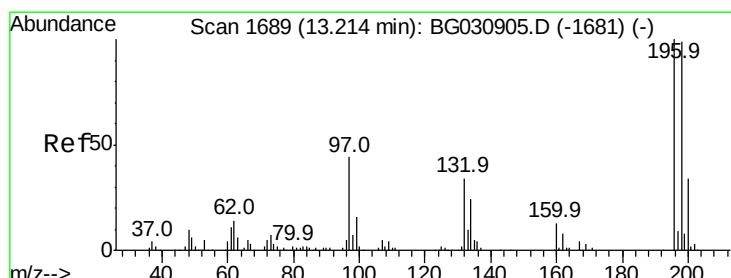
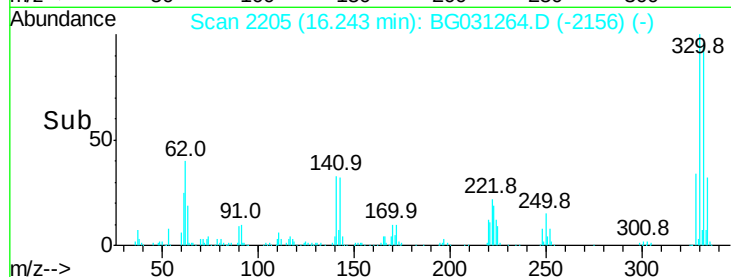
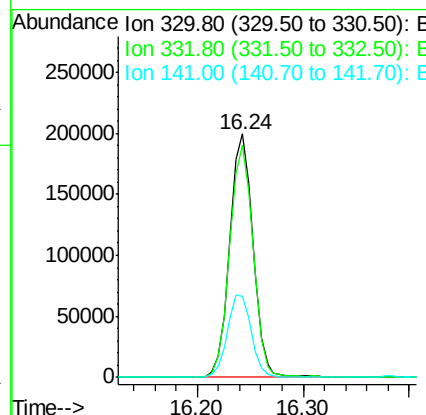
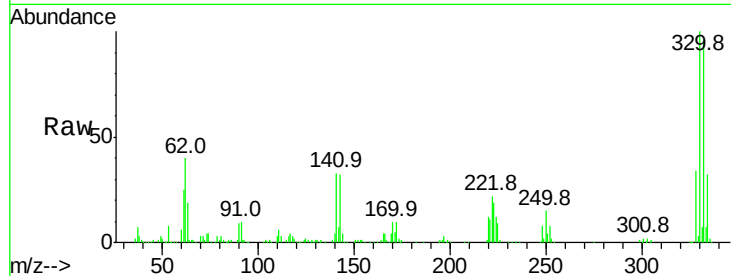
#41
 2,4,6-Tribromophenol
 Concen: 115.431 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	34.6	25.2	37.8	

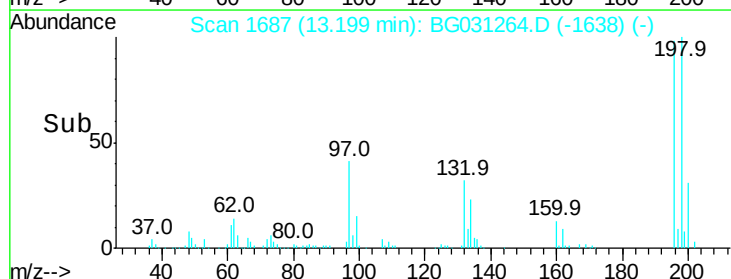
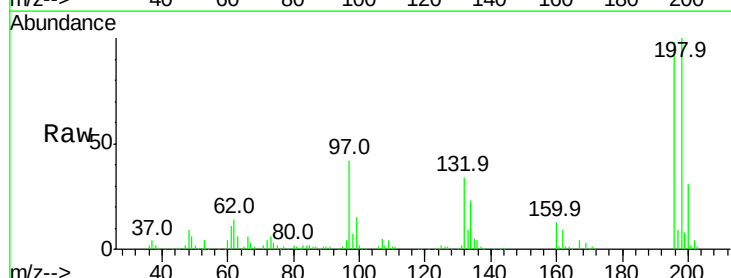
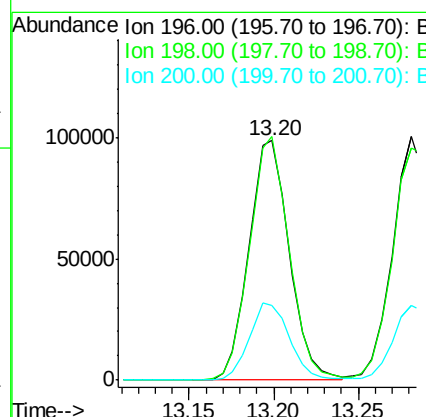
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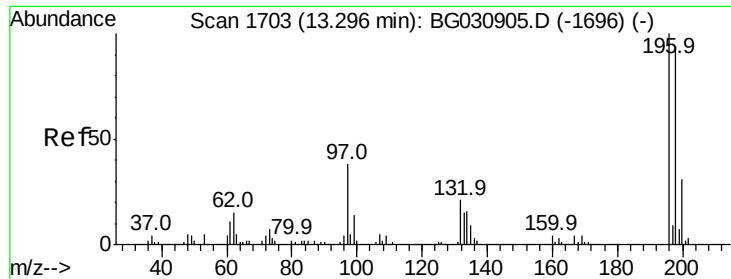
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#42
 2,4,6-Trichlorophenol
 Concen: 44.463 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.6	78.2	117.2	
200	31.3	24.6	36.8	





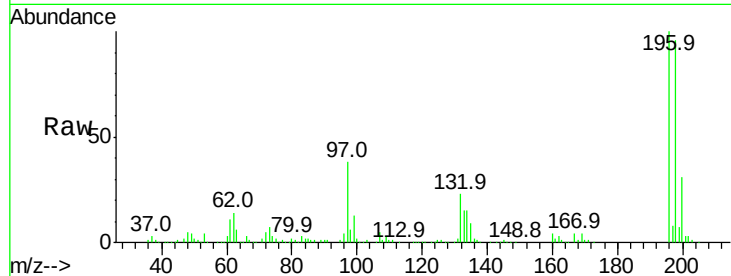
#43
 2,4,5-Trichlorophenol
 Concen: 45.318 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	183369		
198	95.7	76.2	114.4	
97	38.2	38.7	58.1#	
132	23.4	20.2	30.2	

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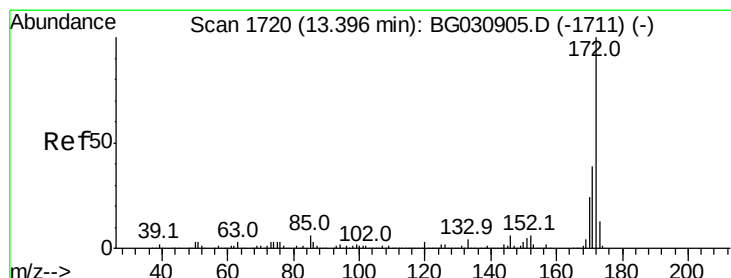
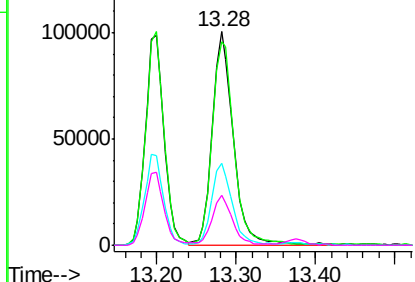
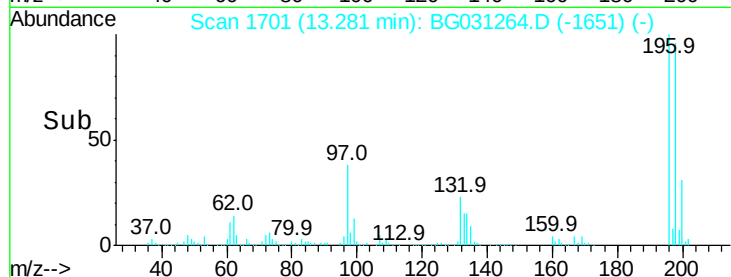
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

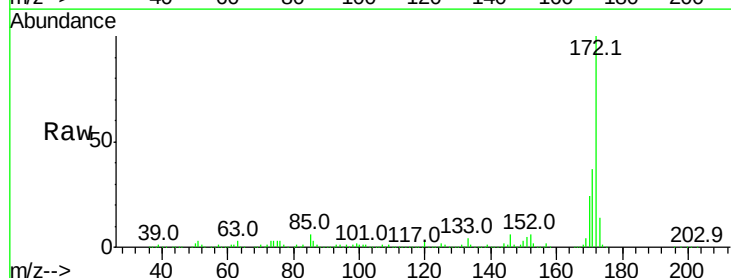
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.973 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	941204		
171	37.2	30.0	45.0	
170	24.1	19.5	29.3	

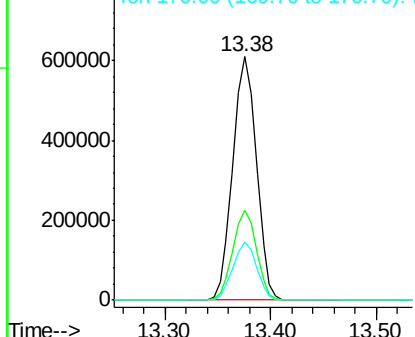
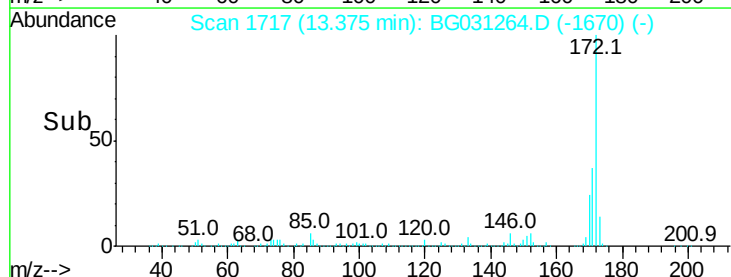


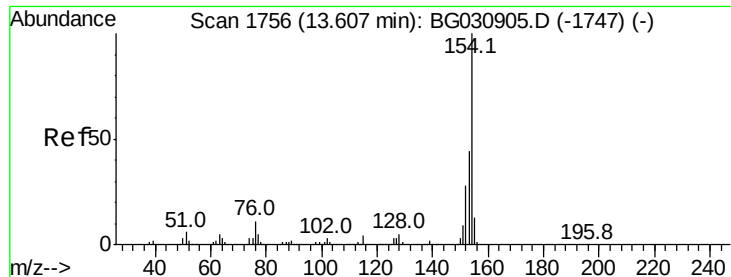
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.410 ng

RT: 13.59 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

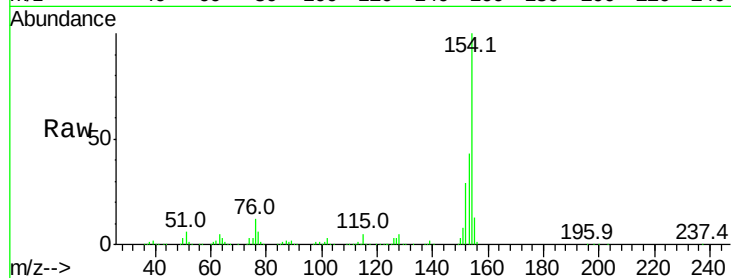
ClientSampleId :

EPE-109-5-(44-46)MS

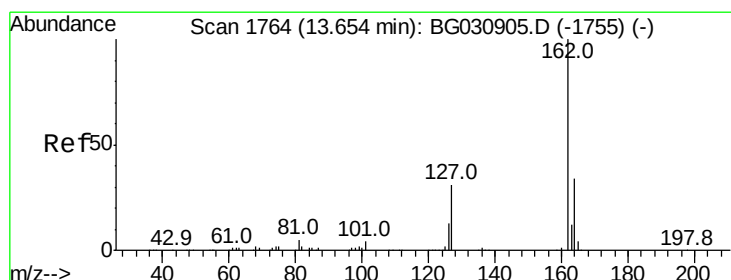
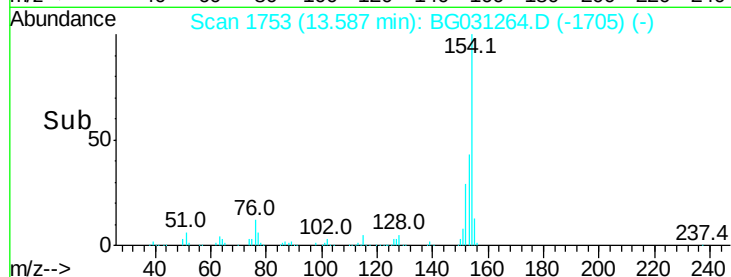
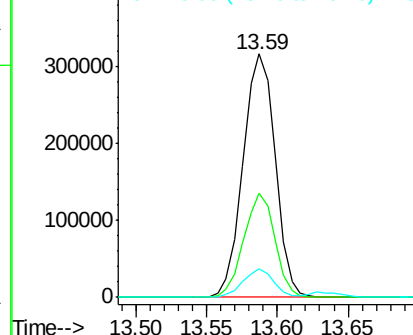
Tot Ion:	154	Resp:	505628
Ion Ratio	Lower	Upper	
154	100		
153	42.7	19.8	59.8
76	11.5	0.0	31.9

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



#46

2-Chloronaphthalene

Concen: 43.819 ng

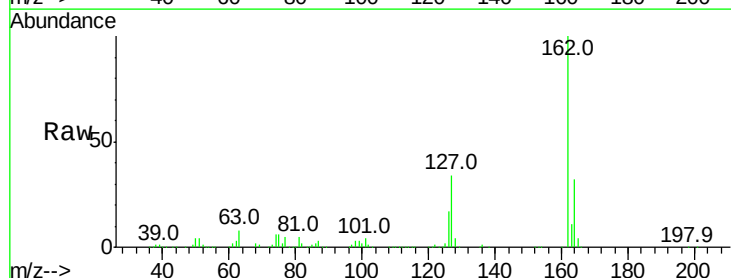
RT: 13.63 min Scan# 1761

Delta R.T. -0.02 min

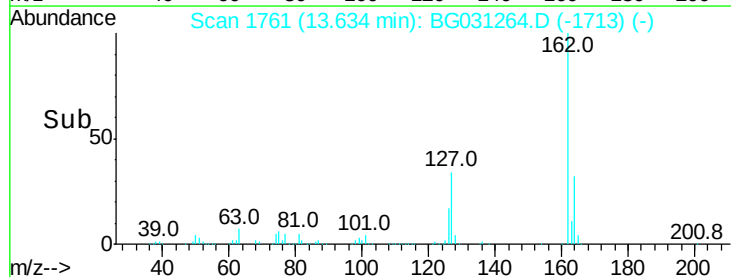
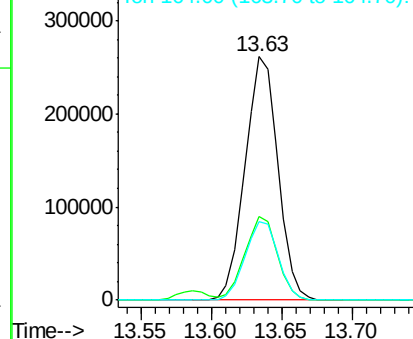
Lab File: BG031264.D

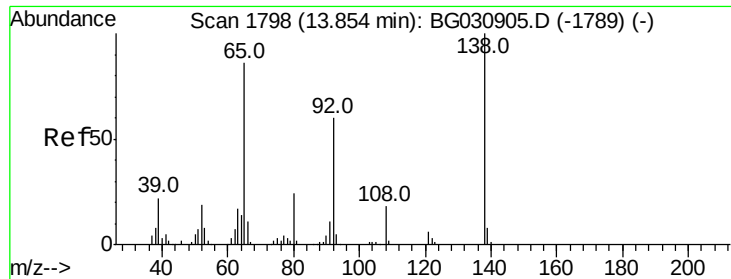
Acq: 28 Nov 2017 22:59

Tgt Ion:	162	Resp:	427311
Ion Ratio	Lower	Upper	
162	100		
127	34.4	30.7	46.1
164	32.4	26.0	39.0



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





#47

2-Nitroaniline

Concen: 42.964 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion: 65 Resp: 124183

Ion Ratio Lower Upper

65 100

92 74.8 54.6 82.0

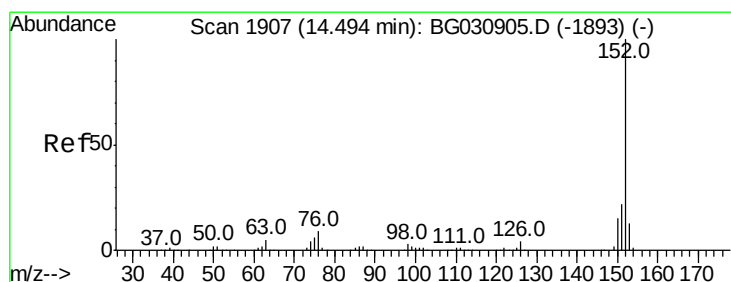
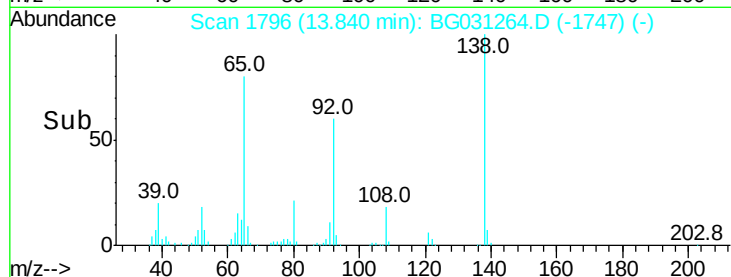
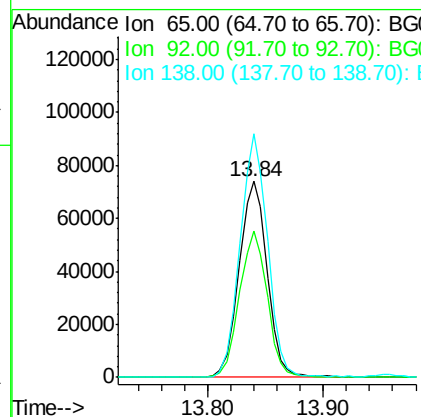
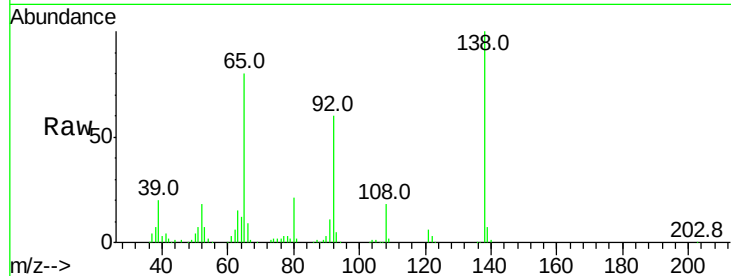
138 124.3 72.9 109.3#

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#48

Acenaphthylene

Concen: 41.889 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

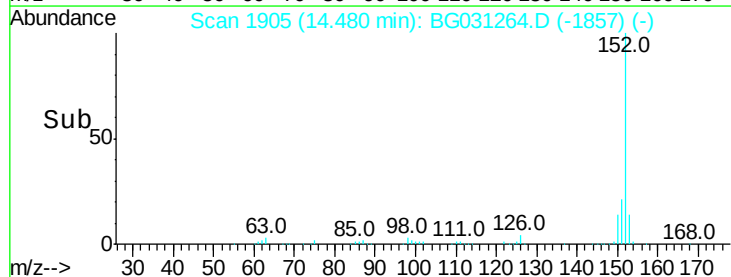
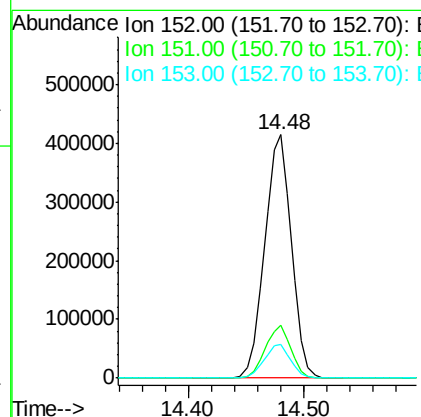
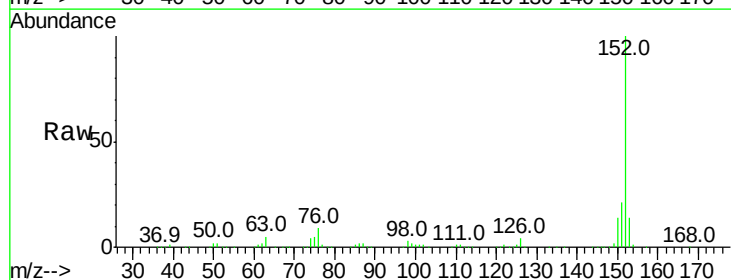
Tgt Ion: 152 Resp: 668592

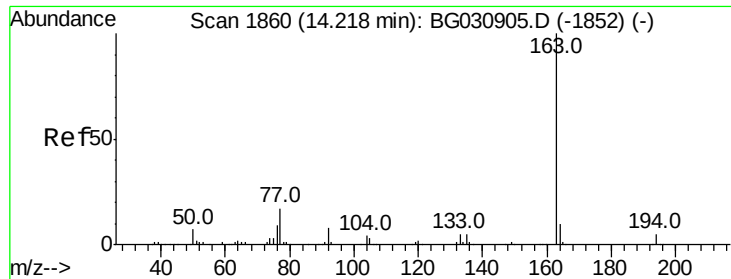
Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

153 13.8 10.2 15.4





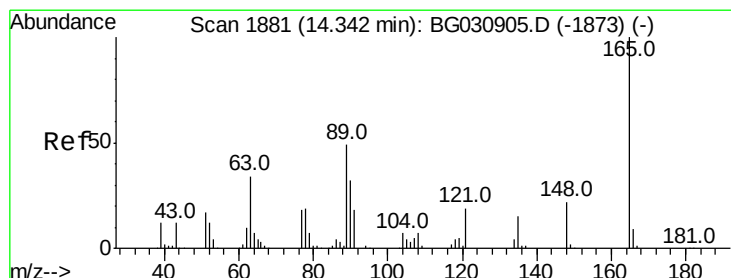
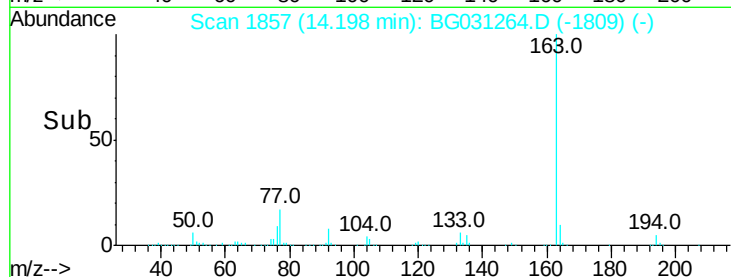
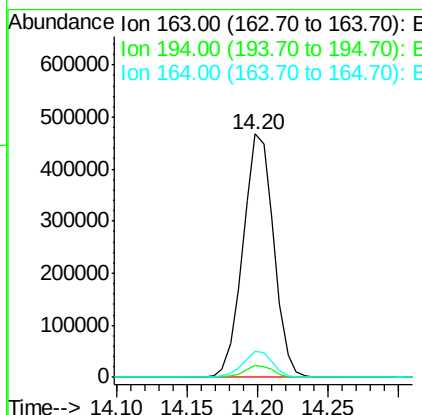
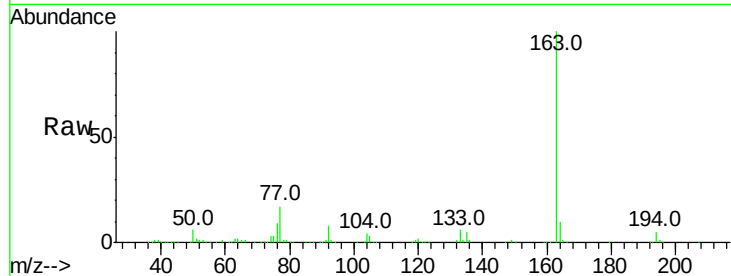
#49
Dimethylphthalate
Concen: 50.491 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.4	8.2	12.4

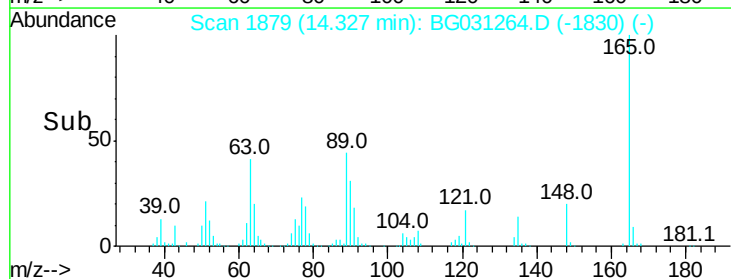
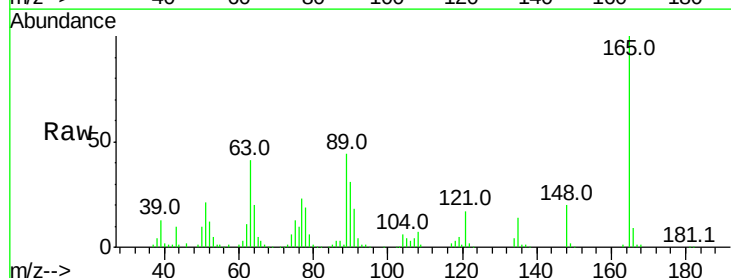
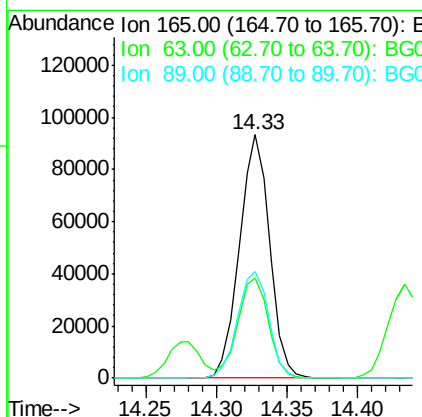
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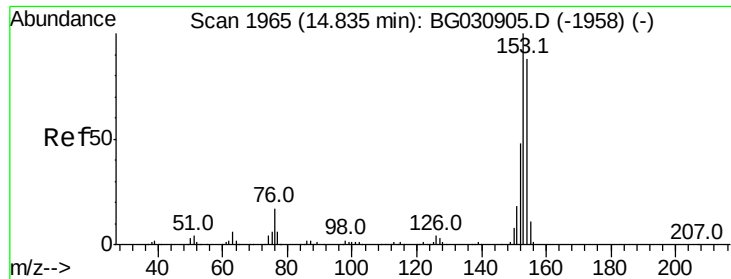
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#50
2,6-Dinitrotoluene
Concen: 47.866 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.4	52.7	79.1#
89	43.8	49.2	73.8#





#51

Acenaphthene

Concen: 41.237 ng

RT: 14.81 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

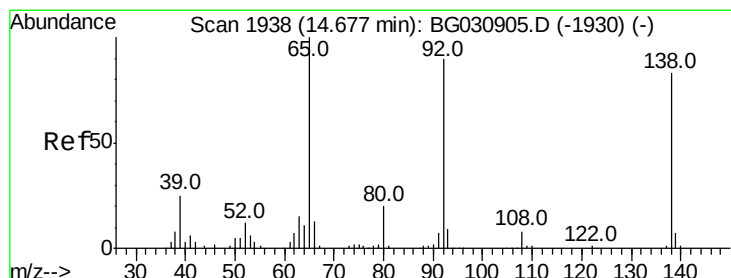
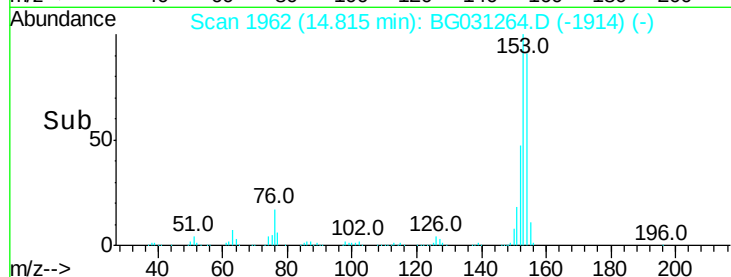
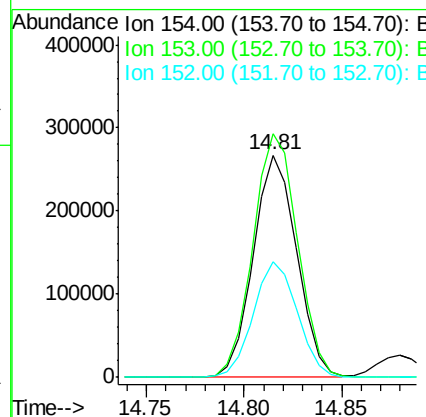
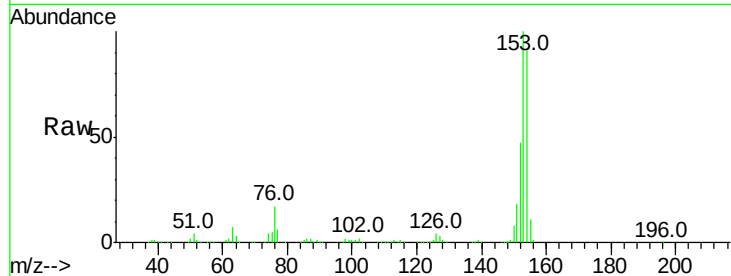
ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	109.5	90.4	135.6
152	51.8	41.6	62.4

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#52

3-Nitroaniline

Concen: 23.779 ng

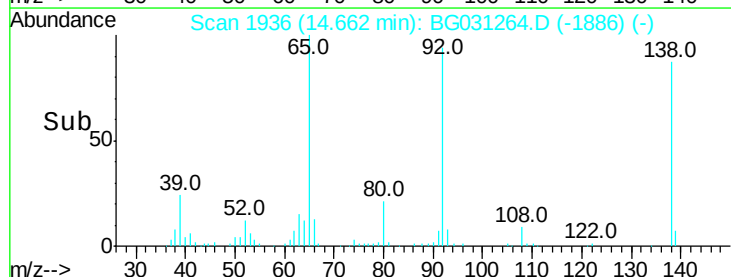
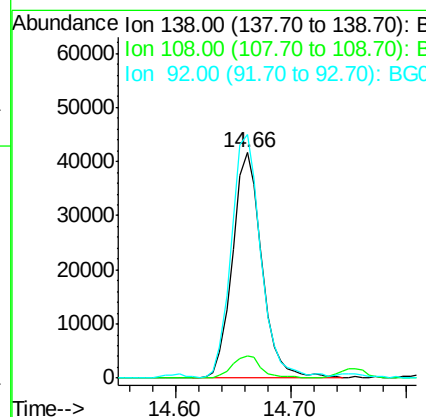
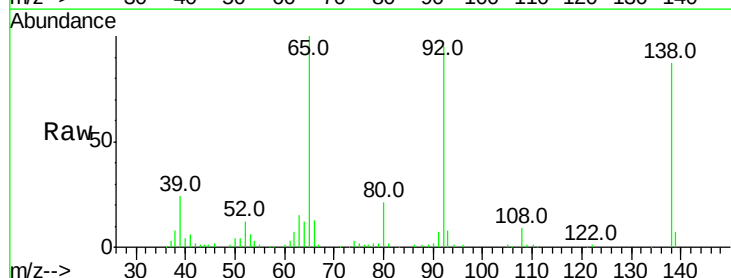
RT: 14.66 min Scan# 1936

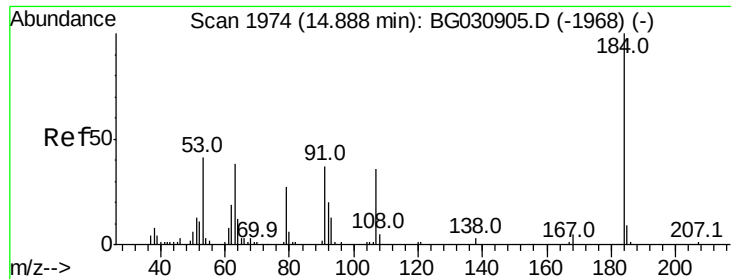
Delta R.T. -0.01 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	17.5	26.3#
92	108.1	105.8	158.8





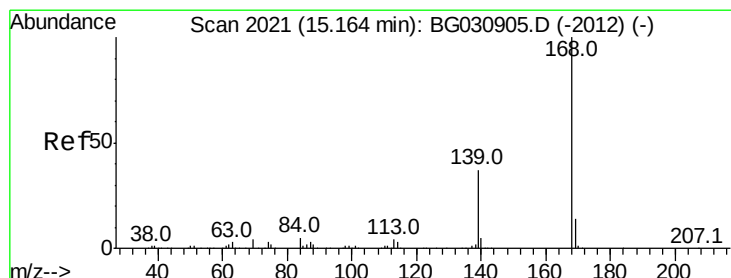
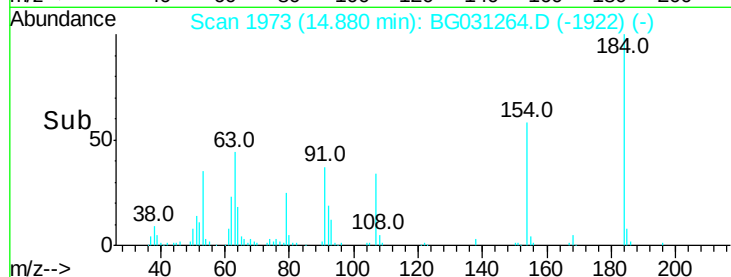
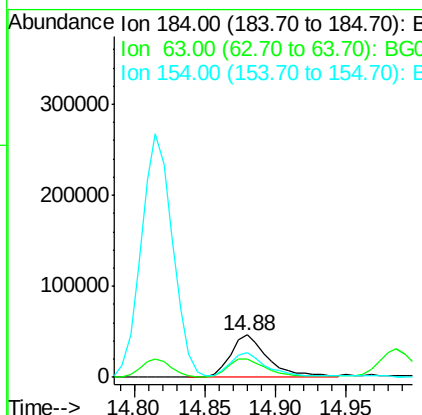
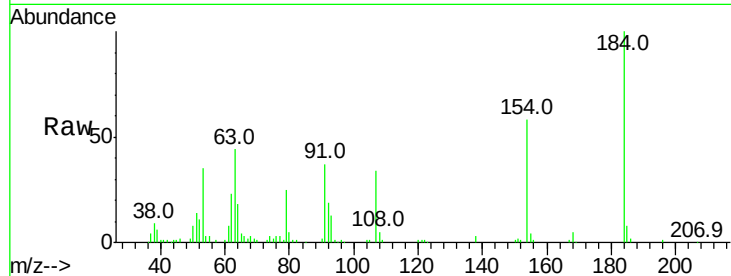
#53
2,4-Dinitrophenol
Concen: 56.556 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	44.2	59.8	89.8#
154	57.9	101.8	152.8#

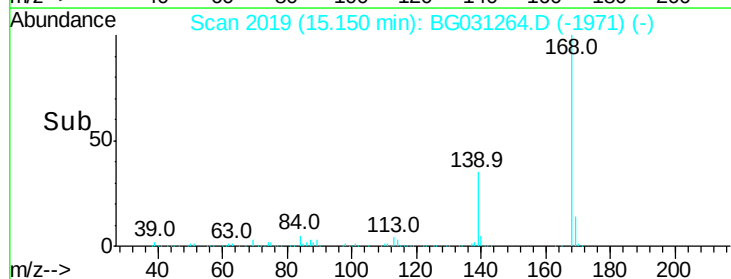
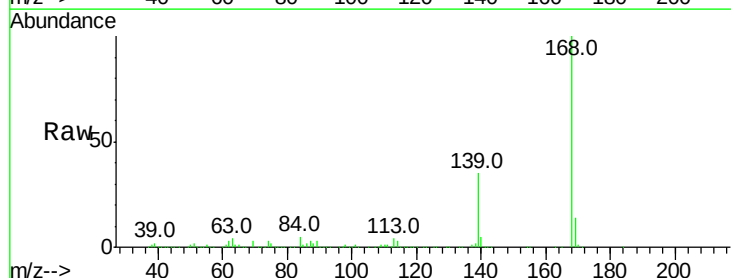
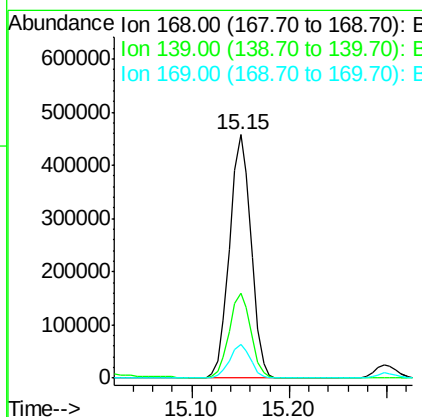
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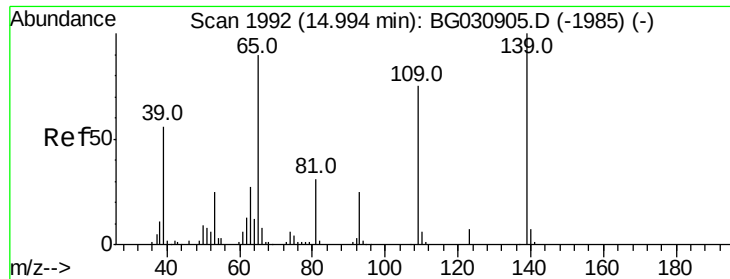
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#54
Dibenzofuran
Concen: 43.964 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	28.6	43.0
169	14.1	11.2	16.8





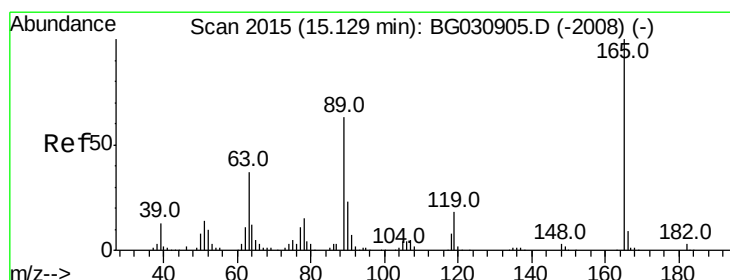
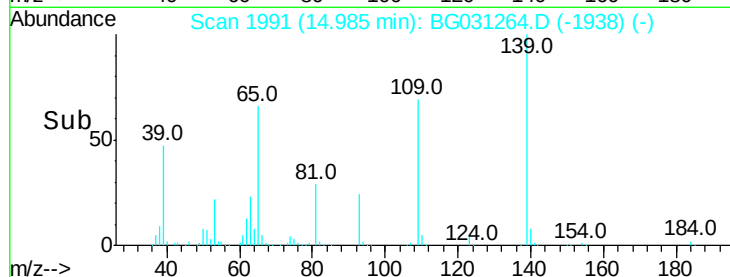
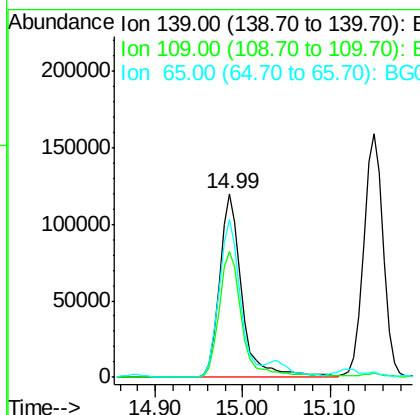
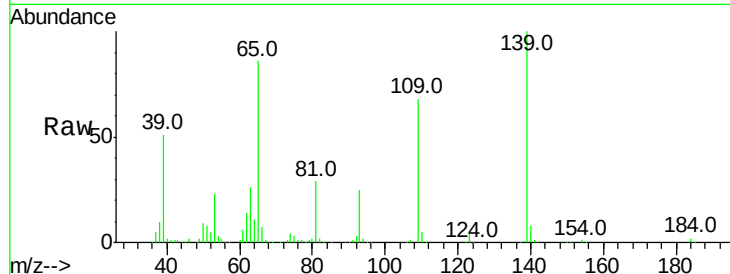
#55
4-Nitrophenol
Concen: 97.275 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	213723		
109	68.2	62.2	102.2	
65	85.8	97.2	137.2#	

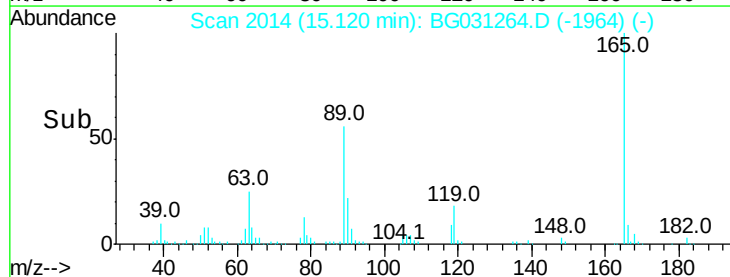
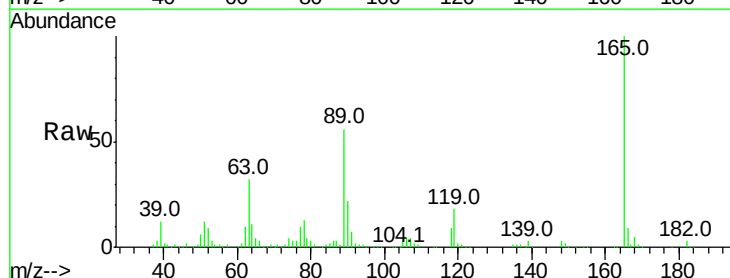
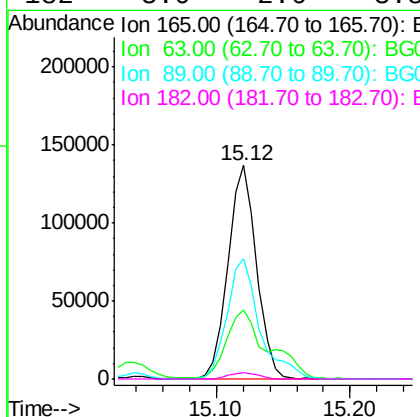
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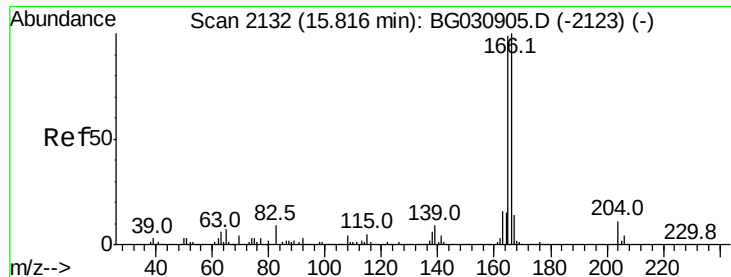
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#56
2,4-Dinitrotoluene
Concen: 48.674 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	204400		
63	32.4	42.0	63.0#	
89	56.4	66.9	100.3#	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 43.530 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

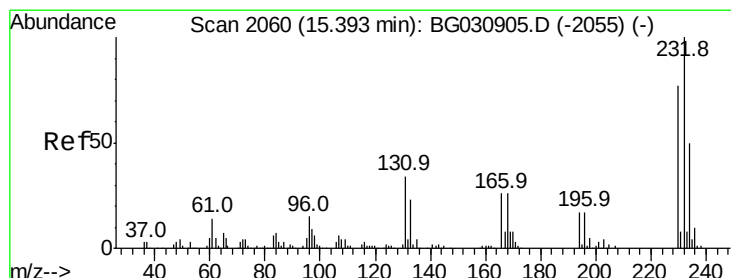
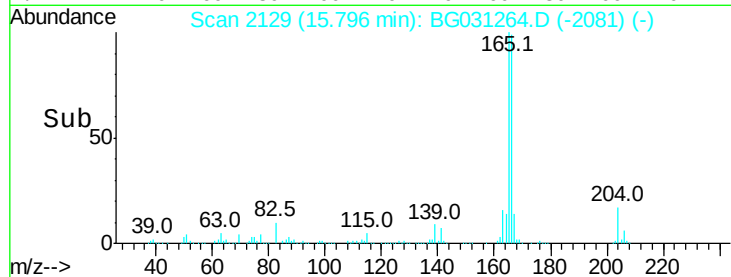
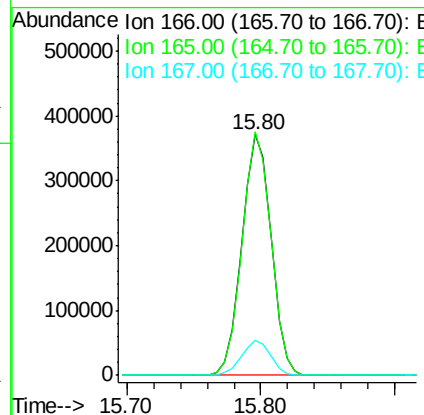
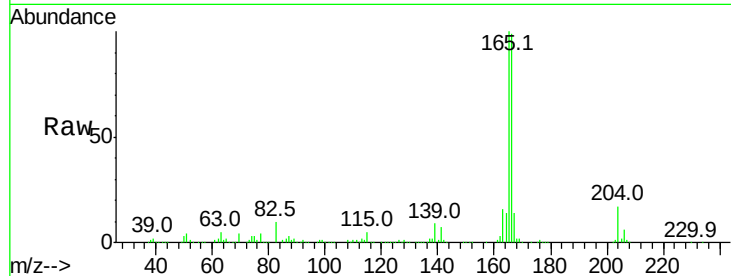
ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion:	166	Resp:	561122
Ion Ratio	Lower	Upper	
166	100		
165	101.3	80.6	121.0
167	14.5	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.562 ng

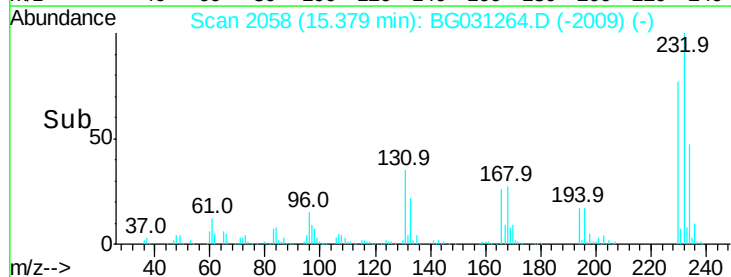
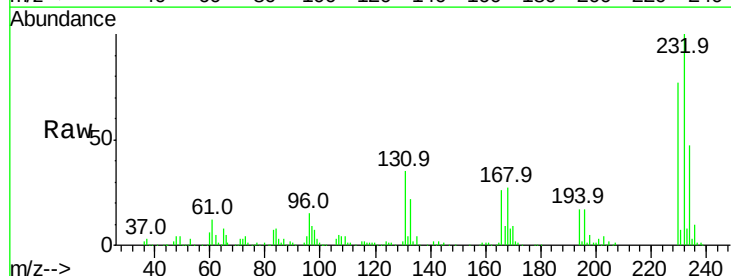
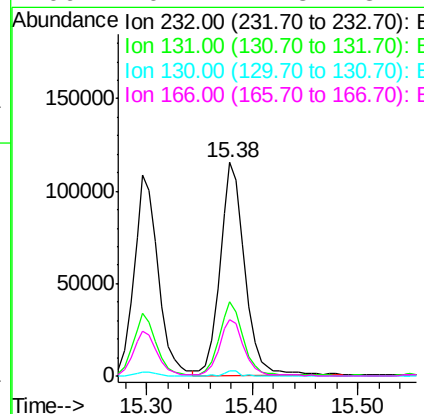
RT: 15.38 min Scan# 2058

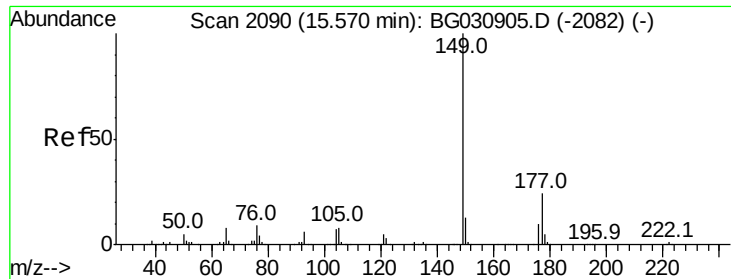
Delta R.T. -0.01 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion:	232	Resp:	187275
Ion Ratio	Lower	Upper	
232	100		
131	33.8	33.5	50.3
130	1.6	2.2	3.2#
166	26.4	24.8	37.2





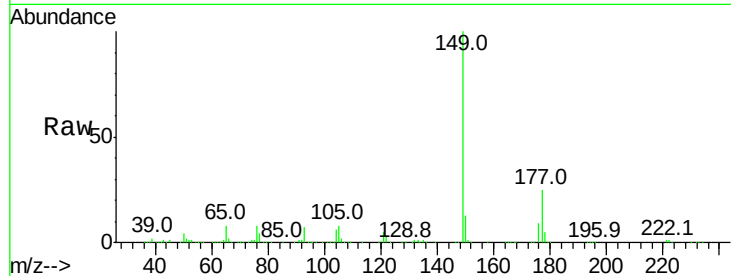
#59
Diethylphthalate
Concen: 44.064 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

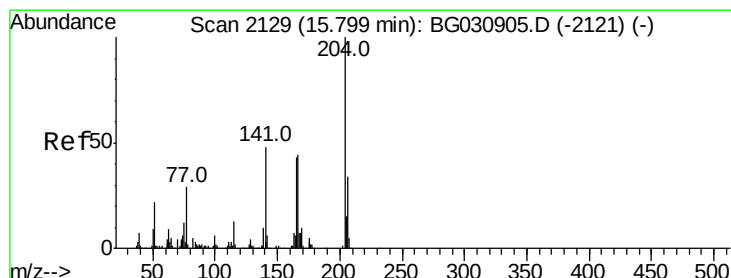
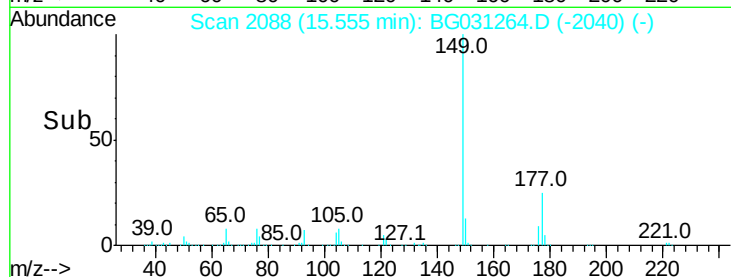
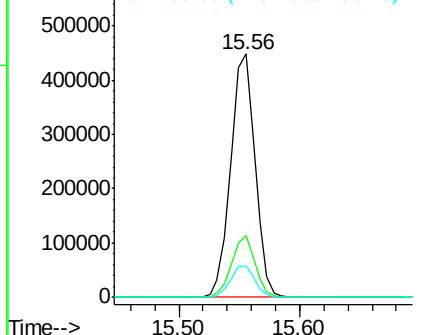
Tot Ion	Ratio	Lower	Upper
149	100		
177	25.5	18.5	27.7
150	12.7	10.2	15.2

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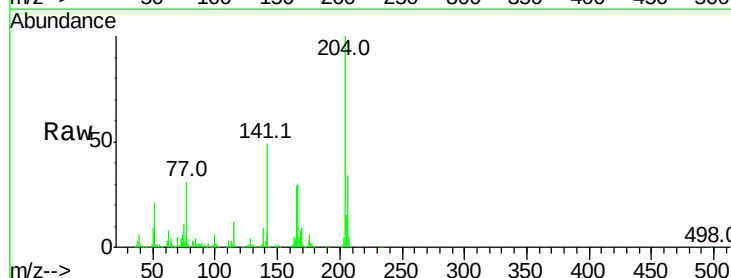


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

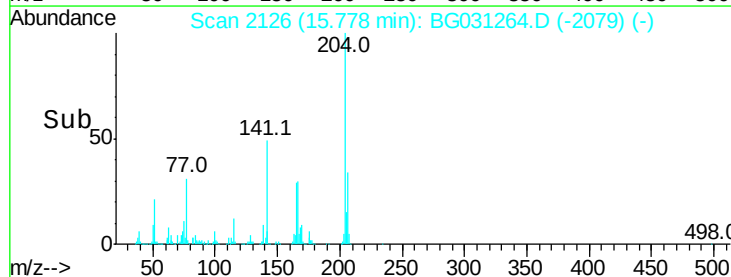
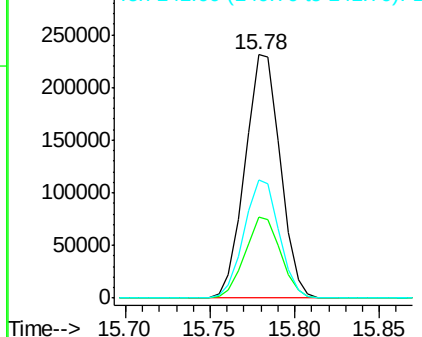


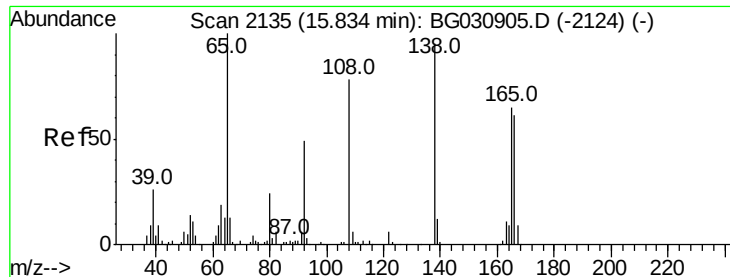
#60
4-Chlorophenyl-phenylether
Concen: 43.170 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.2
141	48.7	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





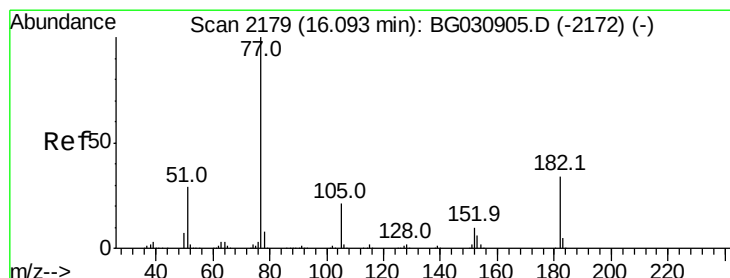
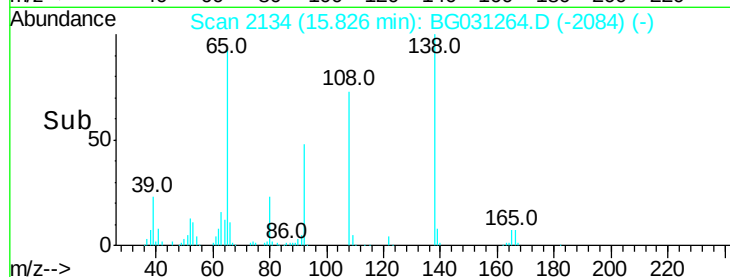
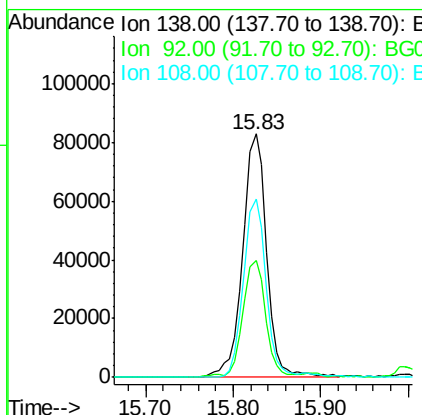
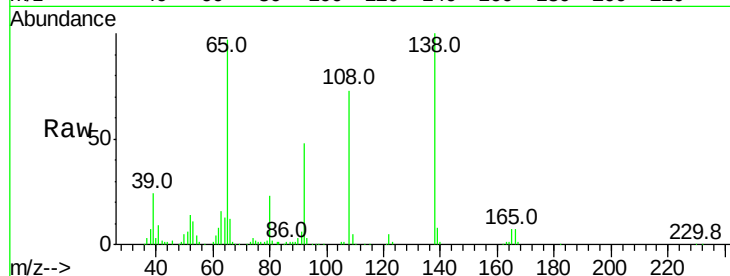
#61
4-Nitroaniline
Concen: 46.707 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.9	40.1	80.1
108	73.4	65.4	105.4

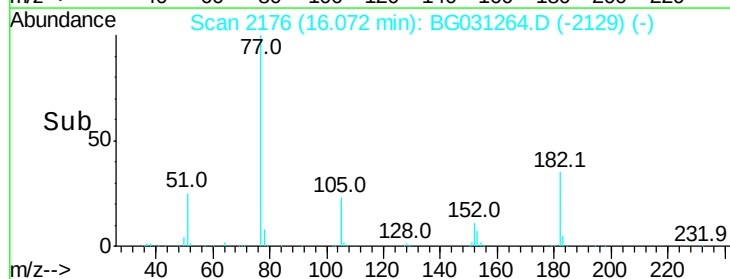
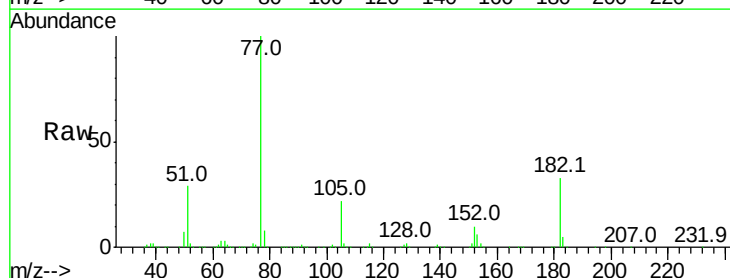
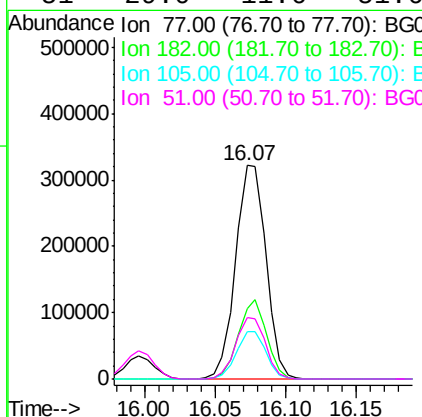
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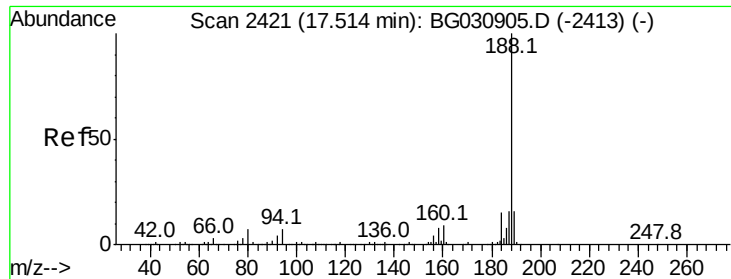
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#62
Azobenzene
Concen: 44.162 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.9	7.4	47.4
105	22.2	0.3	40.3
51	29.0	11.6	51.6





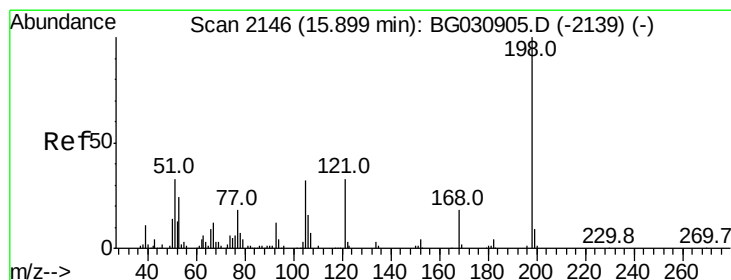
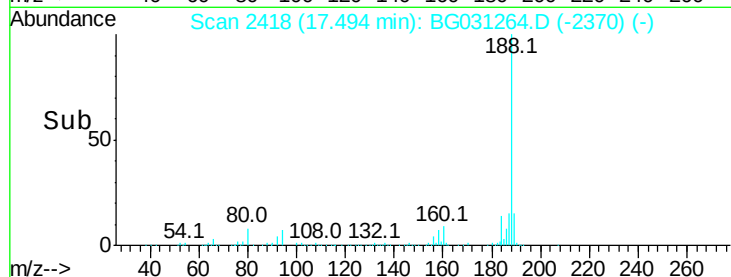
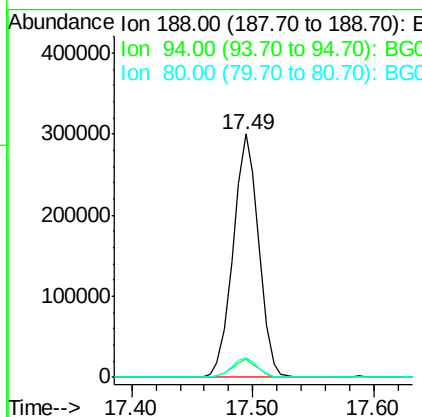
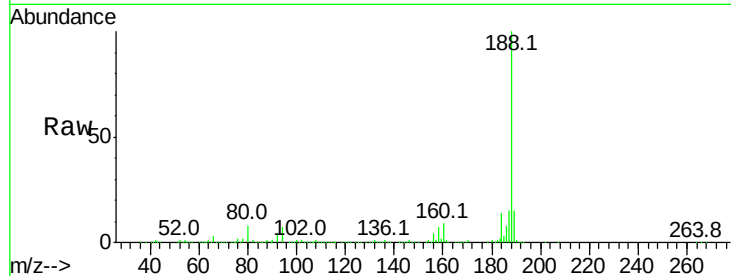
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	442214		
94	7.4		6.9	10.3
80	7.9		7.7	11.5

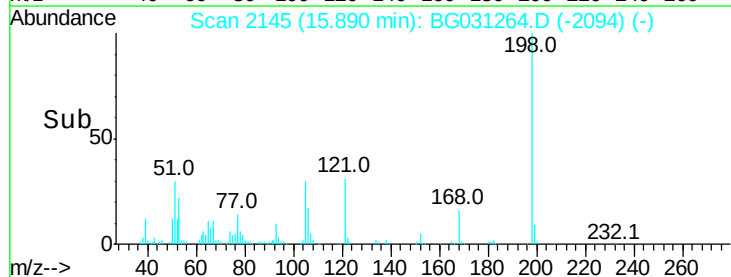
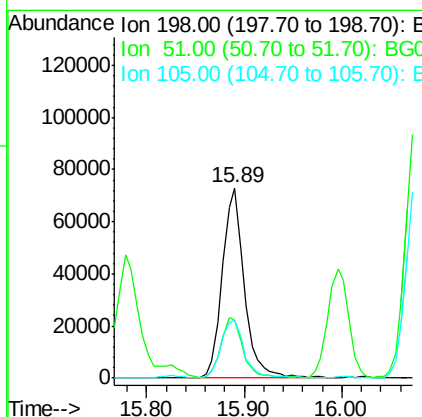
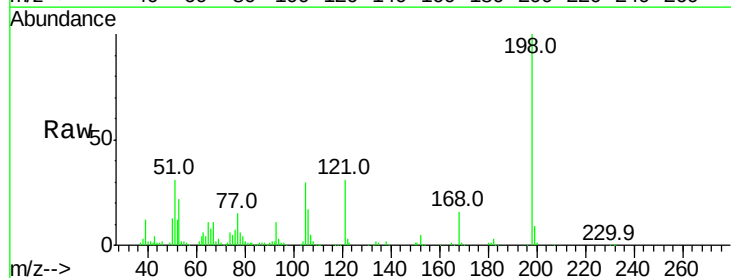
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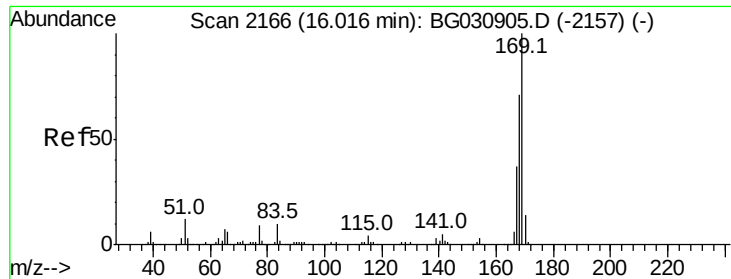
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.923 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	114408		
51	30.7		30.6	70.6
105	30.2		23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 40.400 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

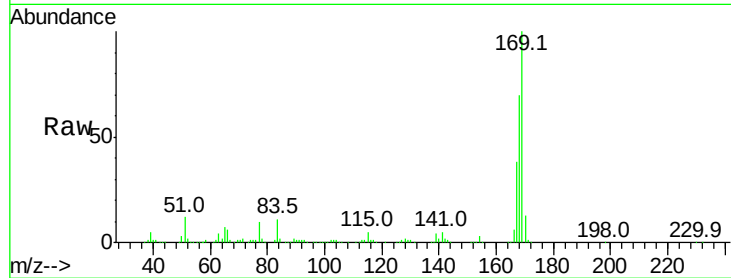
ClientSampleId :

EPE-109-5-(44-46)MS

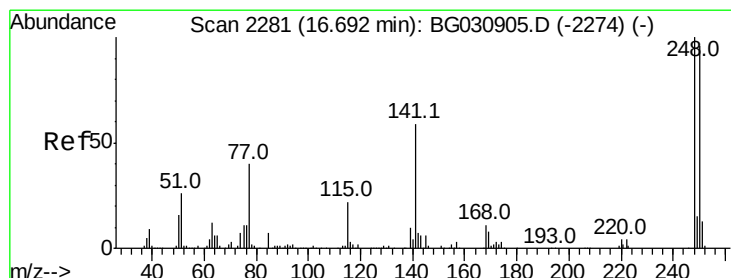
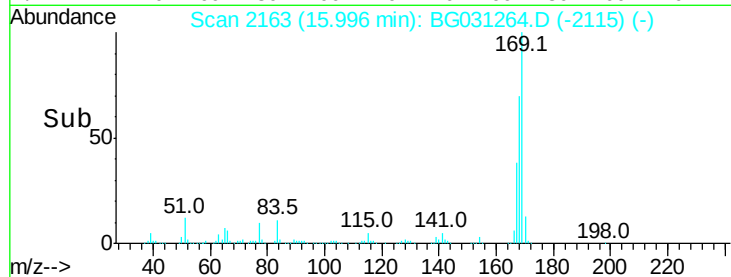
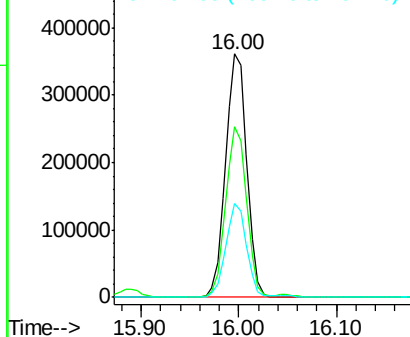
Tot Ion:	169	Resp:	541364
Ion Ratio	Lower	Upper	
169	100		
168	70.0	55.7	83.5
167	38.3	30.1	45.1

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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: 40.067 ng

RT: 16.67 min Scan# 2278

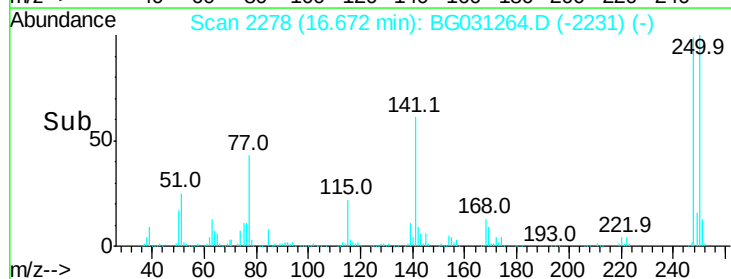
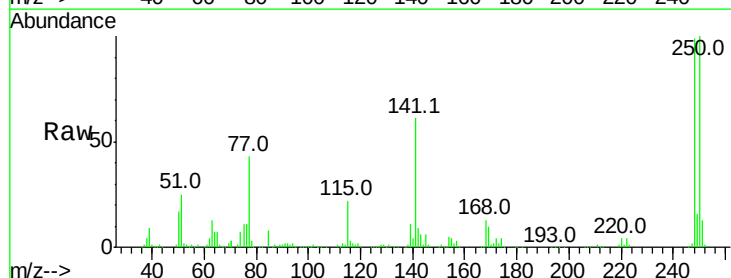
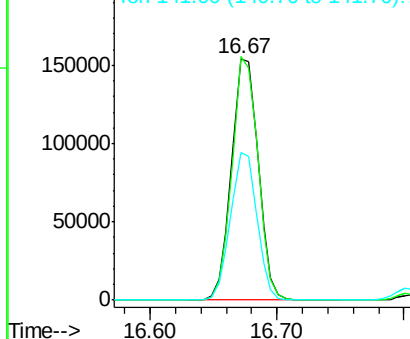
Delta R.T. -0.02 min

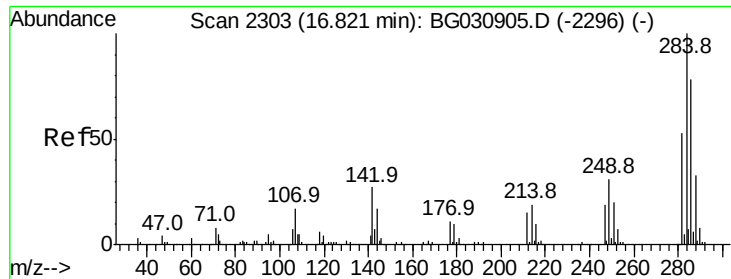
Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion:	248	Resp:	224408
Ion Ratio	Lower	Upper	
248	100		
250	101.0	77.1	115.7
141	61.2	50.8	76.2

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.347 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

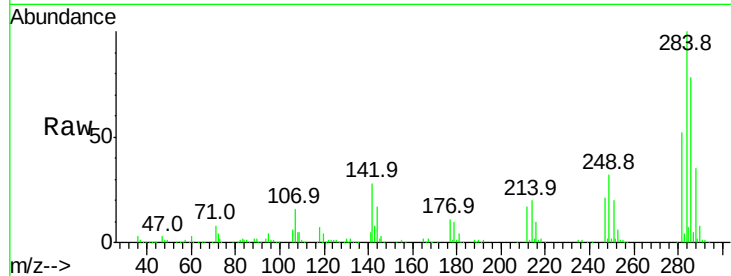
ClientSampleId :

EPE-109-5-(44-46)MS

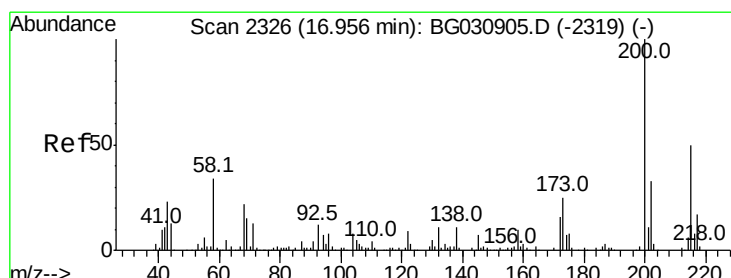
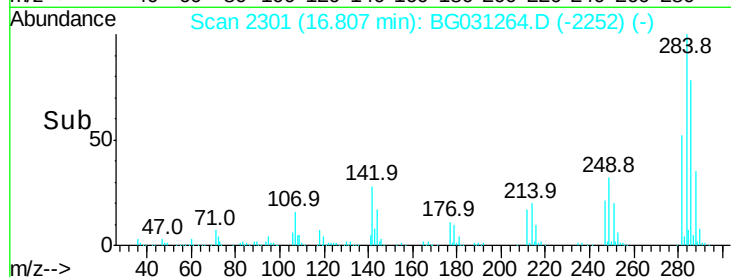
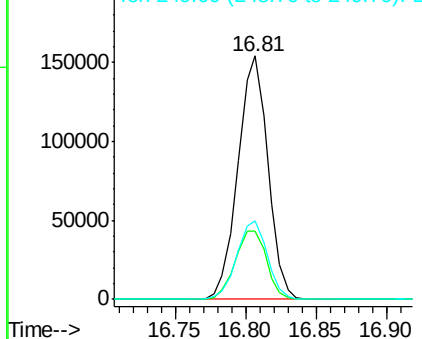
Tot Ion:	284	Resp:	228206
Ion Ratio	Lower	Upper	
284	100		
142	28.2	26.8	40.2
249	32.2	26.3	39.5

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.422 ng

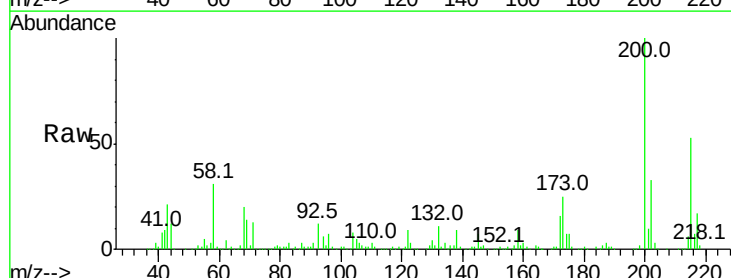
RT: 16.94 min Scan# 2324

Delta R.T. -0.01 min

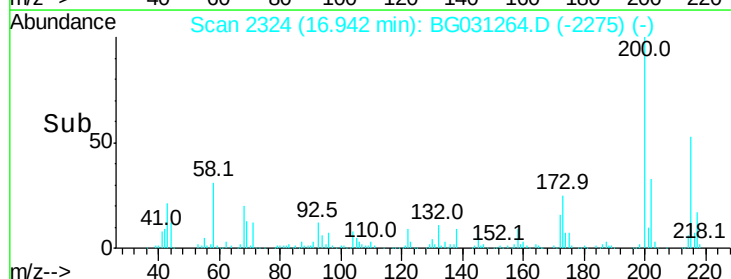
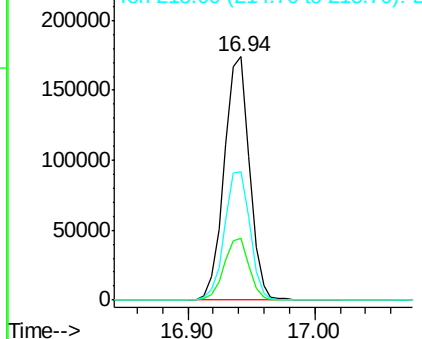
Lab File: BG031264.D

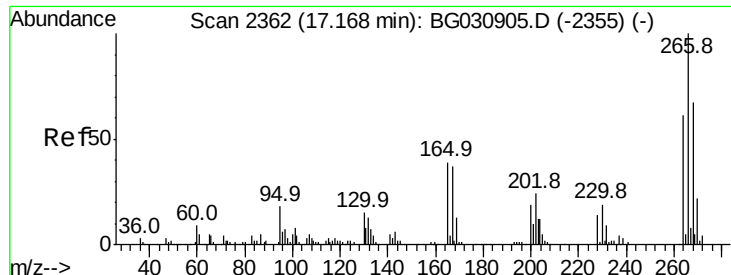
Acq: 28 Nov 2017 22:59

Tgt Ion:	200	Resp:	240071
Ion Ratio	Lower	Upper	
200	100		
173	25.4	5.2	45.2
215	52.7	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





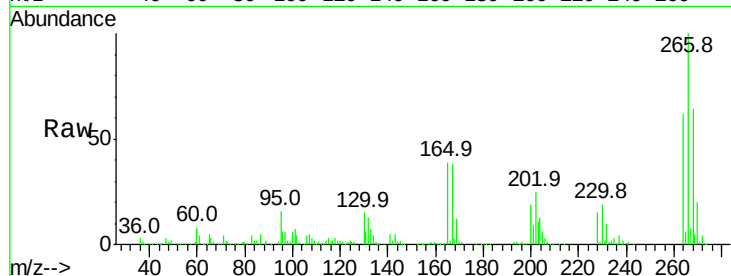
#69
 Pentachlorophenol
 Concen: 72.297 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

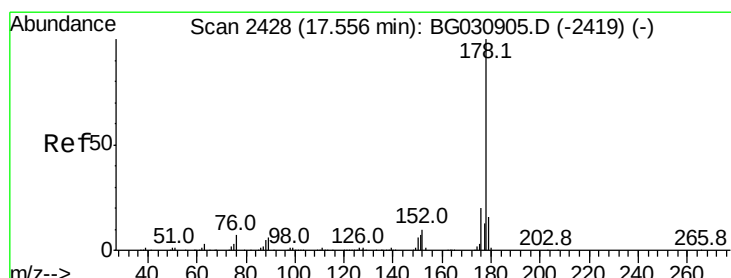
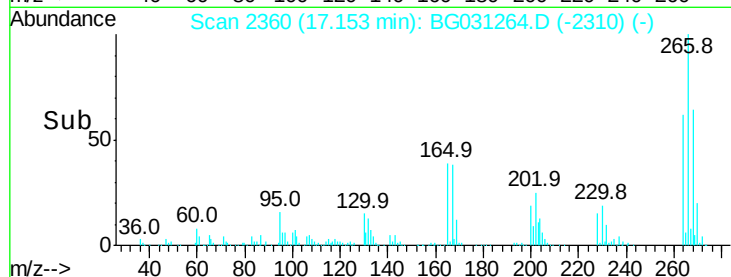
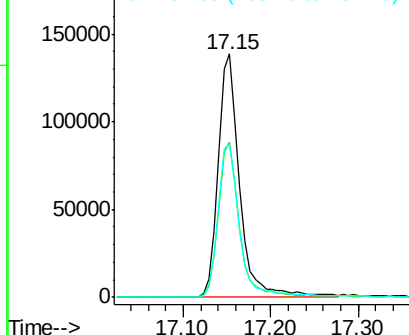
Tot Ion	Ratio	Resp	Lower	Upper
266	100	237830		
268	64.0		51.1	76.7
264	62.5		49.6	74.4

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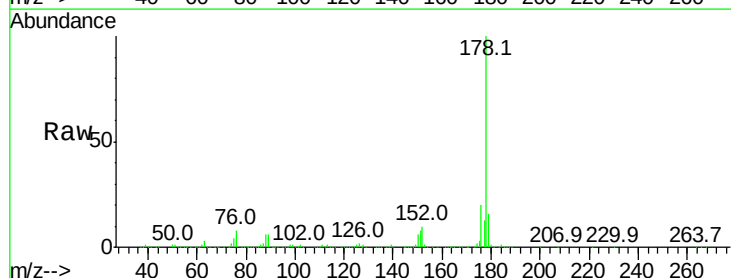


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

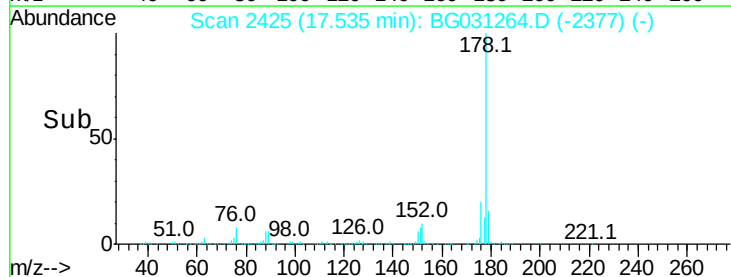
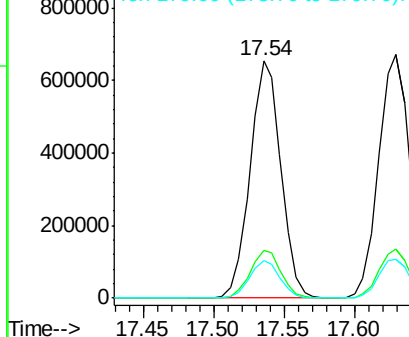


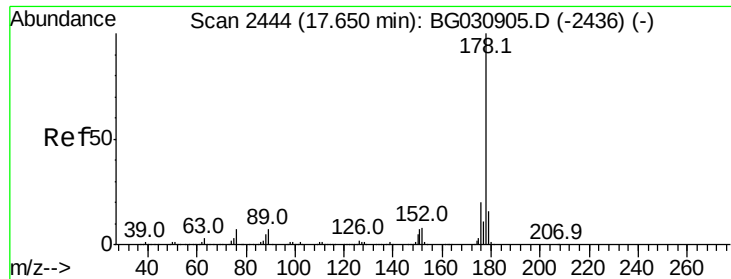
#70
 Phenanthrene
 Concen: 43.436 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1000097		
176	20.2		15.7	23.5
179	15.9		12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





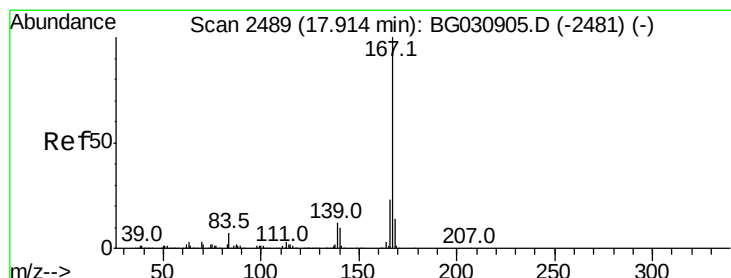
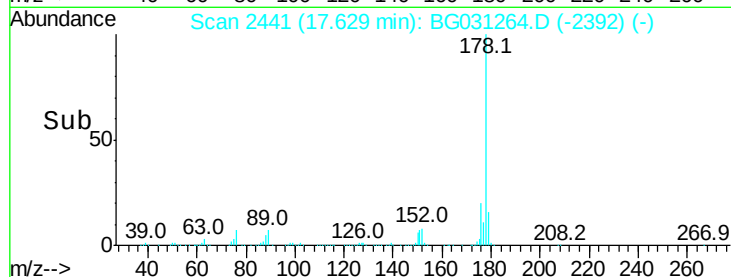
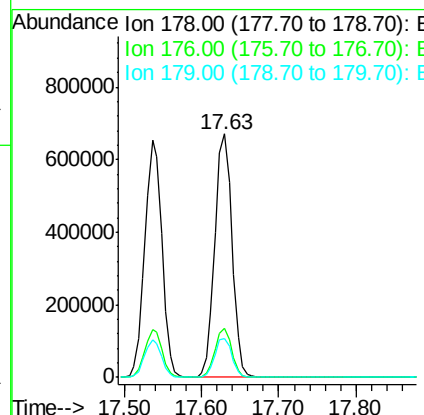
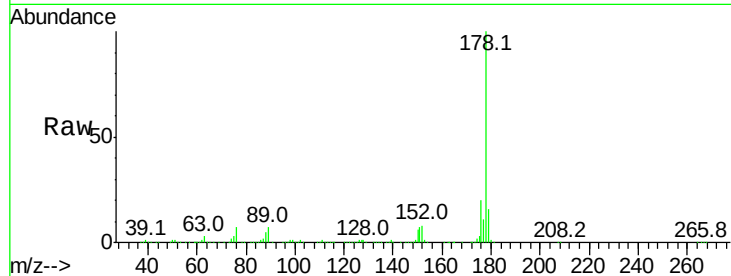
#71
 Anthracene
 Concen: 44.601 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.1	12.5	18.7

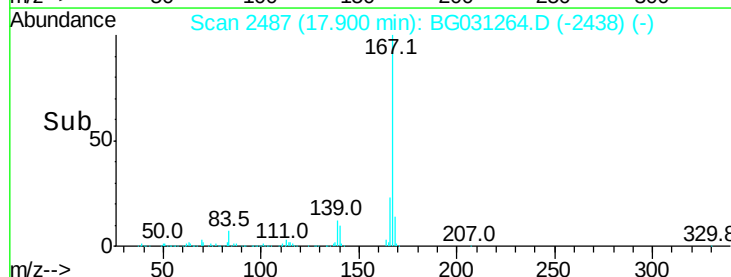
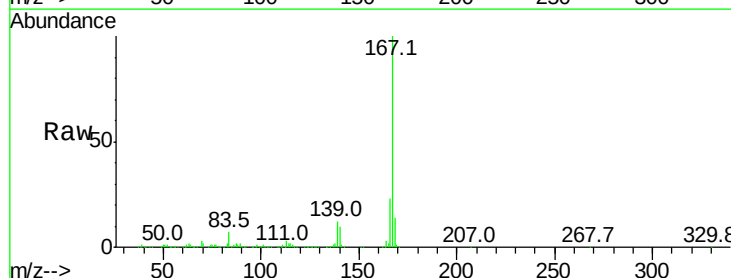
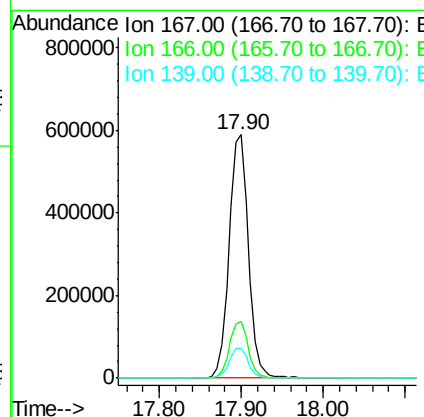
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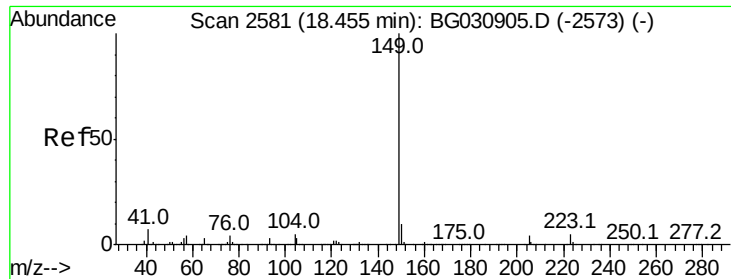
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#72
 Carbazole
 Concen: 44.663 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 42.733 ng

RT: 18.43 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion:149 Resp: 1134240

Ion Ratio Lower Upper

149 100

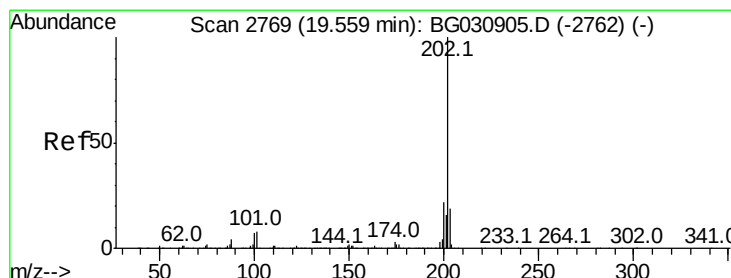
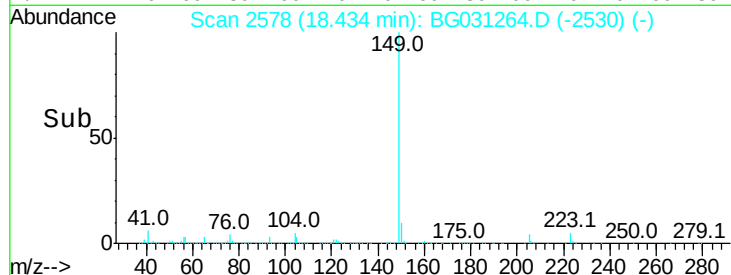
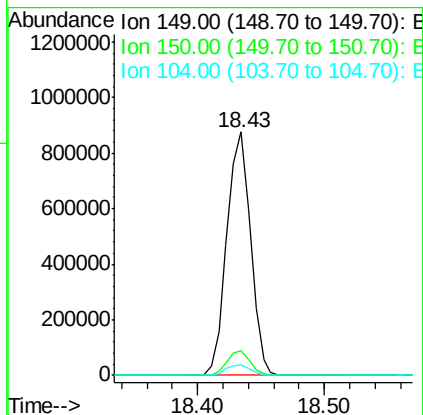
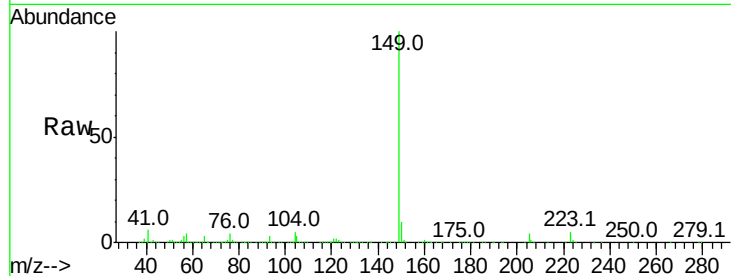
150 10.0 7.8 11.6

104 4.6 3.9 5.9

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#74

Fluoranthene

Concen: 44.885 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

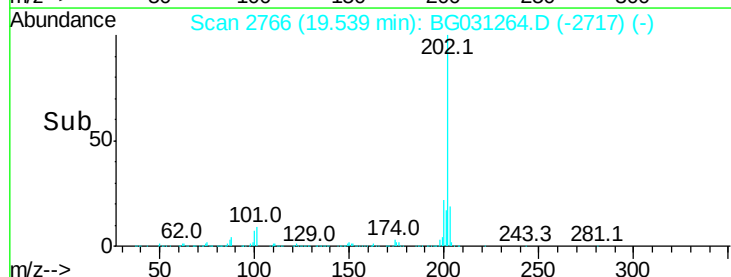
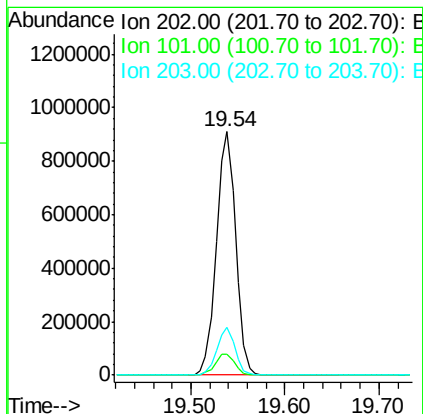
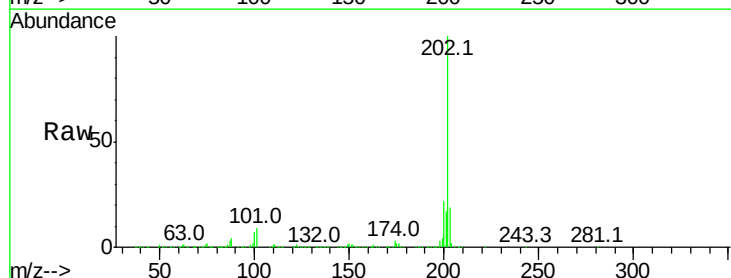
Tgt Ion:202 Resp: 1308505

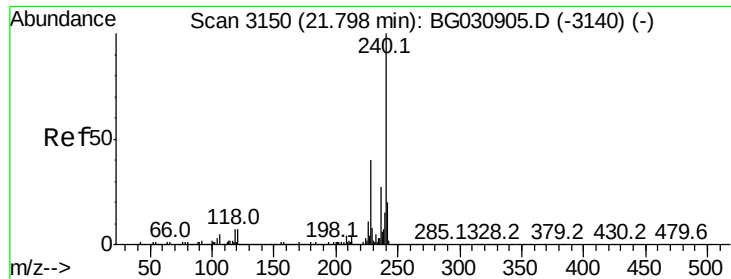
Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.9

203 19.4 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

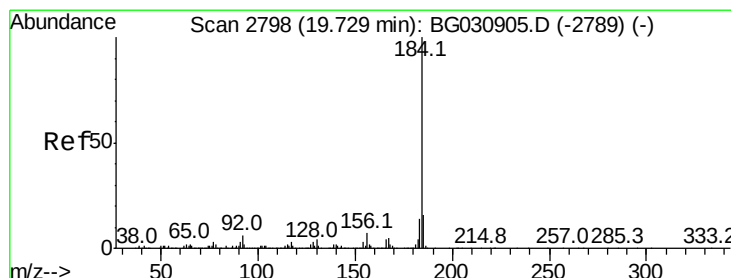
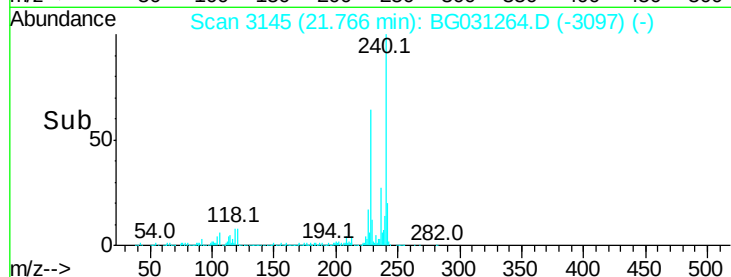
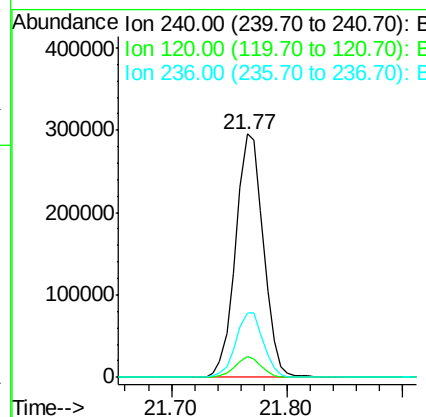
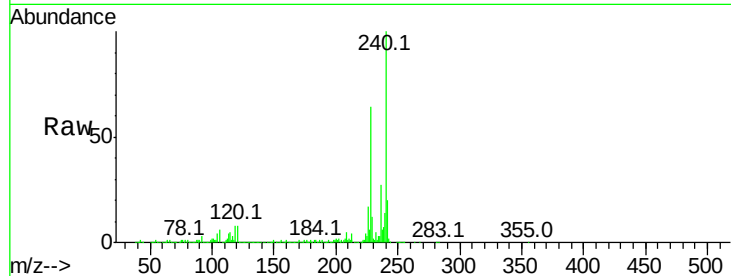
ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion:	240	Resp:	491915
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.8	10.2
236	26.7	20.9	31.3

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#76

Benzidine

Concen: 31.158 ng

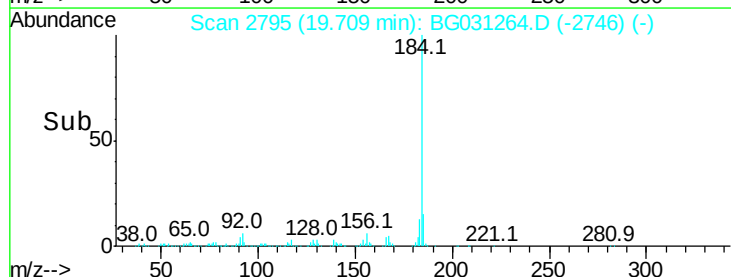
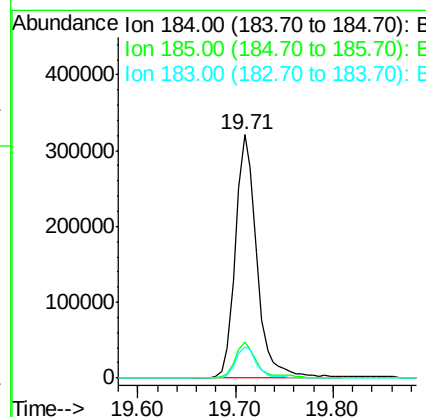
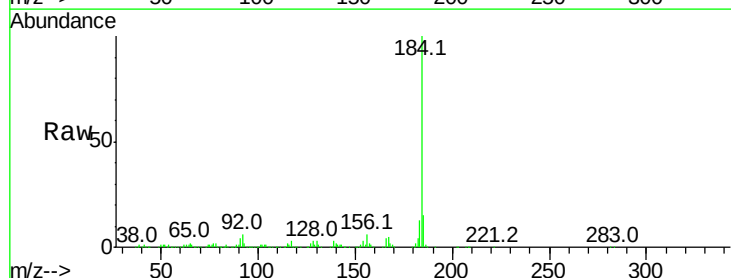
RT: 19.71 min Scan# 2795

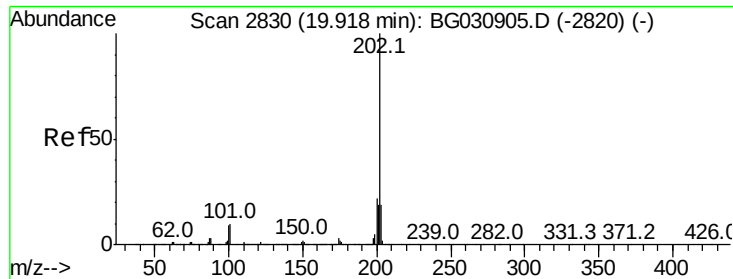
Delta R.T. -0.01 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion:	184	Resp:	492345
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.1	16.7
183	12.9	10.6	16.0





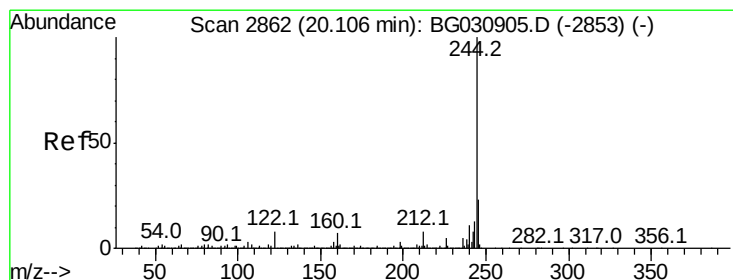
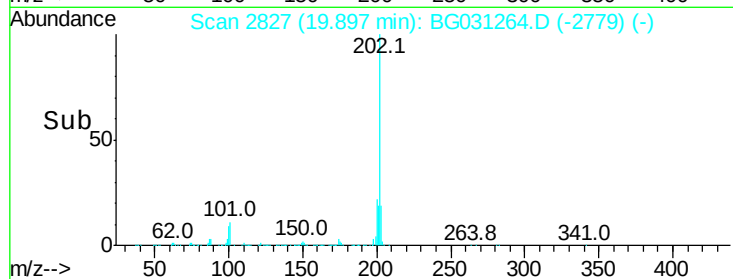
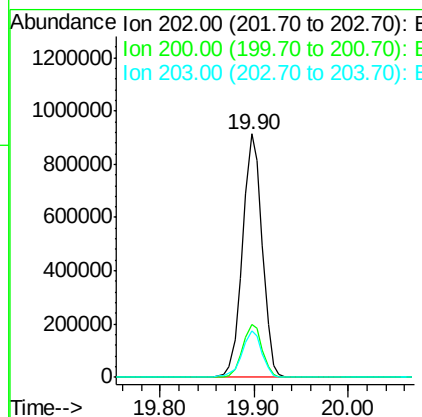
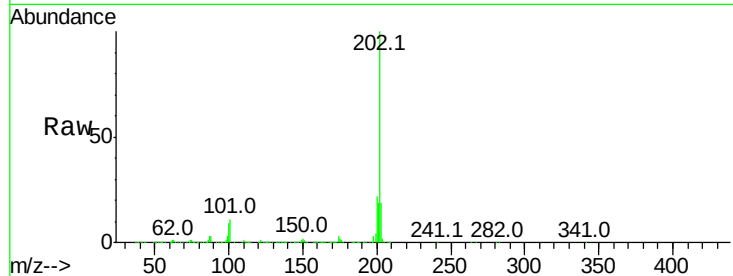
#77
Pvrene
Concen: 45.300 ng
RT: 19.90 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	19.3	13.9	20.9

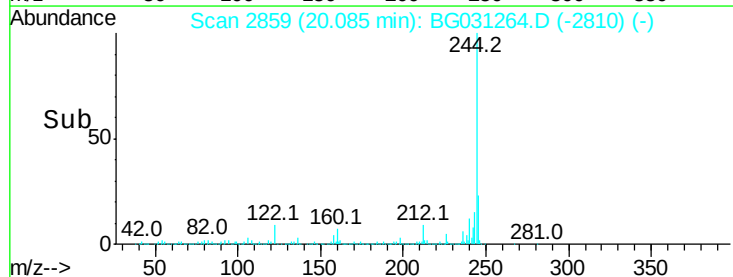
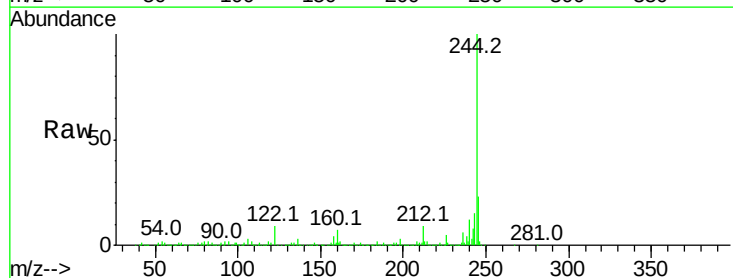
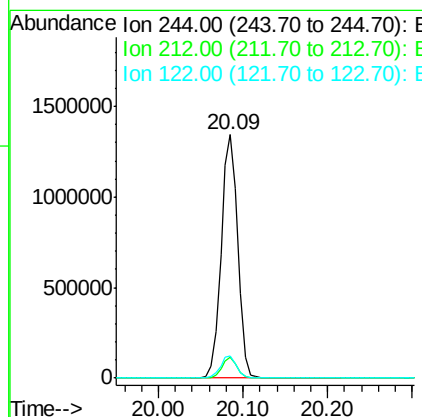
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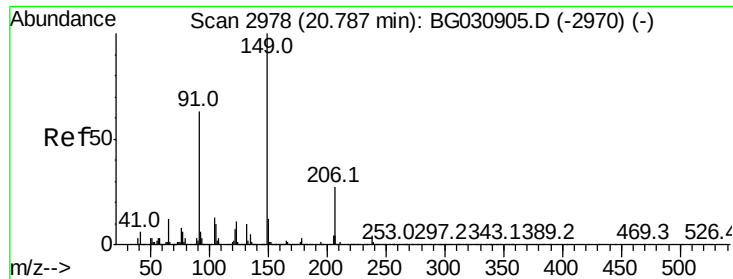
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#78
Terphenyl-d14
Concen: 82.480 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	8.9	7.0	10.4





#79

Butylbenzylphthalate

Concen: 44.945 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

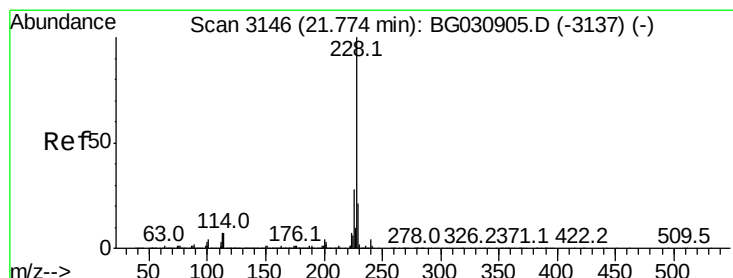
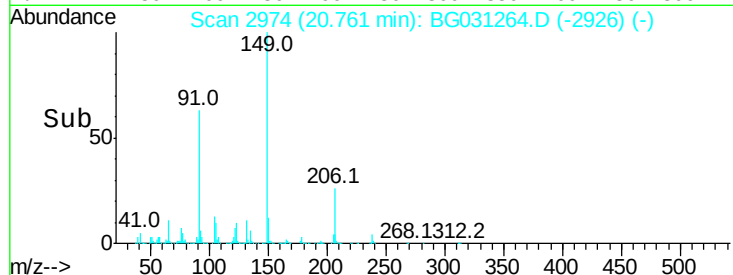
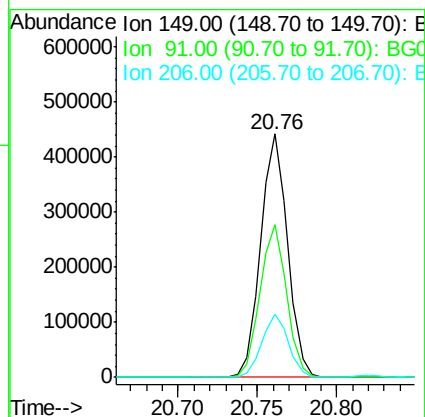
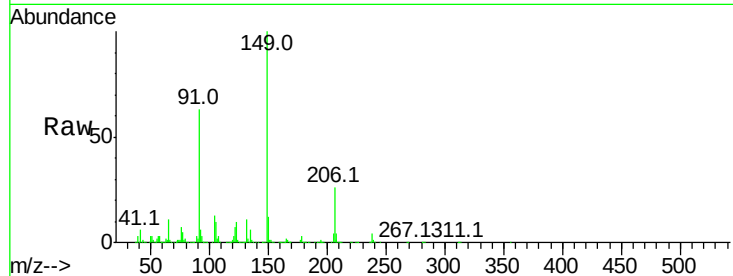
ClientSampleId :

EPE-109-5-(44-46)MS

Tot Ion:	149	Resp:	523100
Ion Ratio	Lower	Upper	
149	100		
91	62.6	62.2	93.2
206	26.1	18.6	27.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 43.217 ng

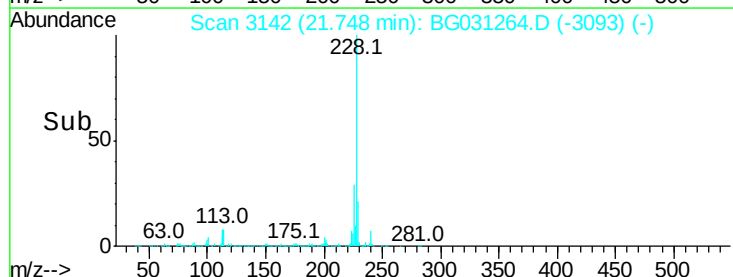
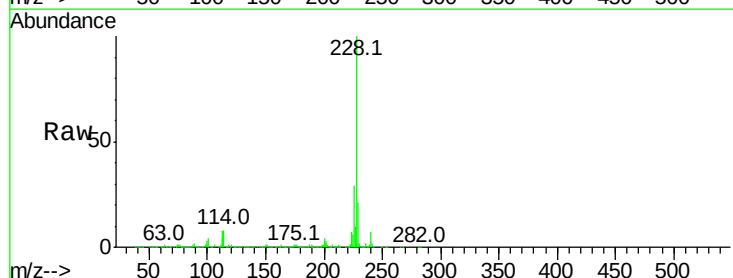
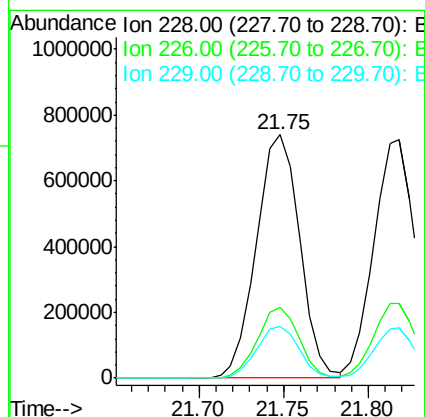
RT: 21.75 min Scan# 3142

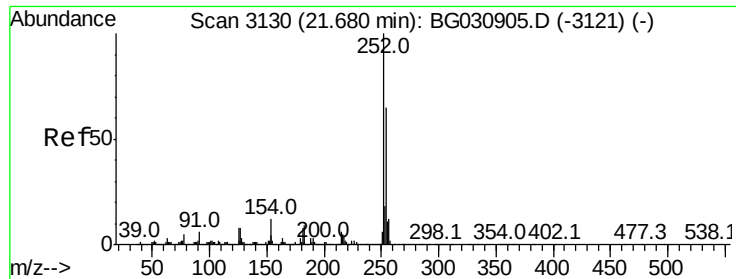
Delta R.T. -0.01 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt Ion:	228	Resp:	1320518
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.7	34.1
229	21.1	16.2	24.2





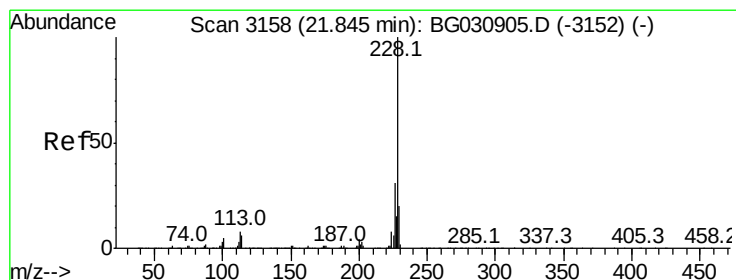
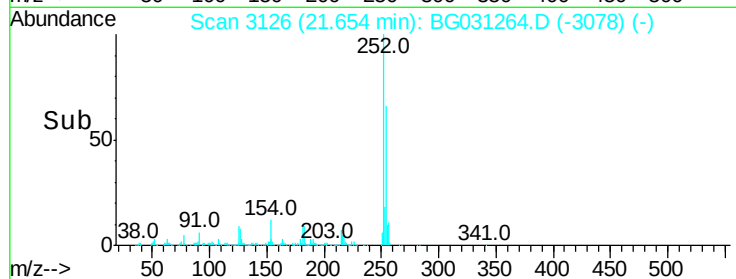
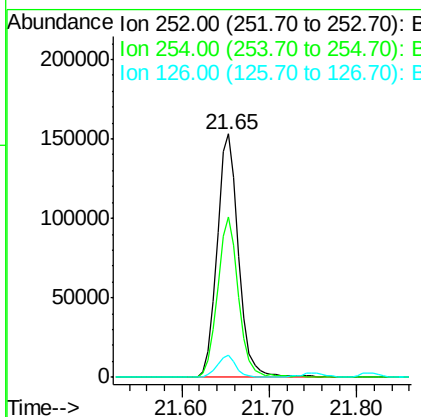
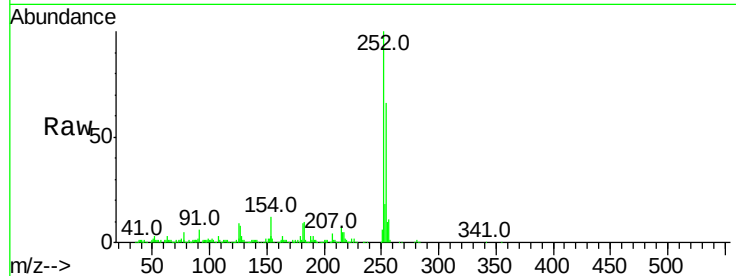
#81
 3,3'-Dichlorobenzidine
 Concen: 21.052 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.8	76.2
126	8.9	7.4	11.2

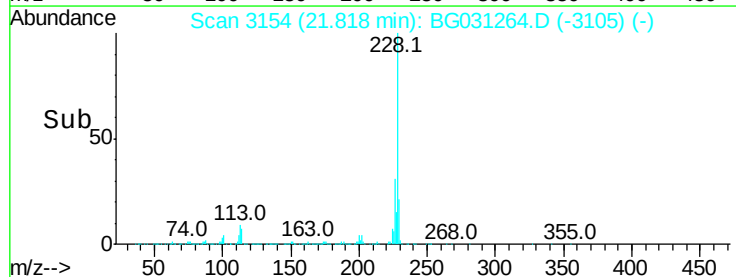
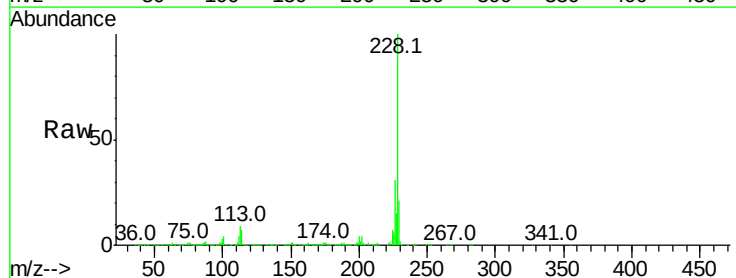
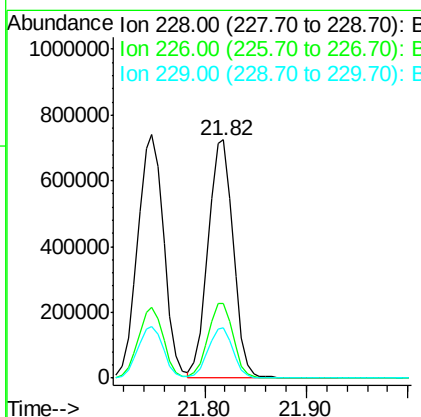
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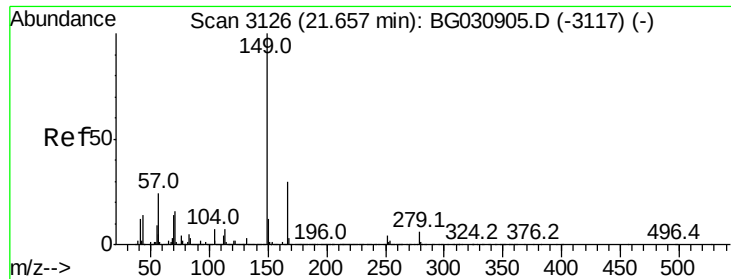
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#82
 Chrysene
 Concen: 44.025 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.3	15.0	22.4





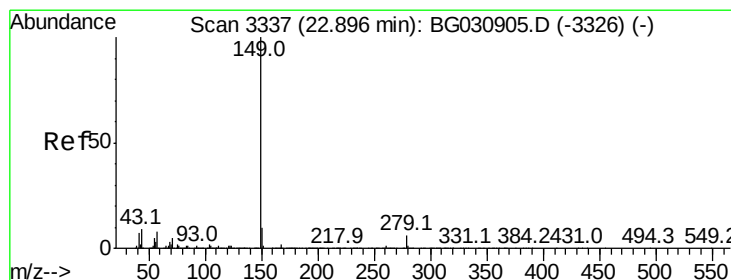
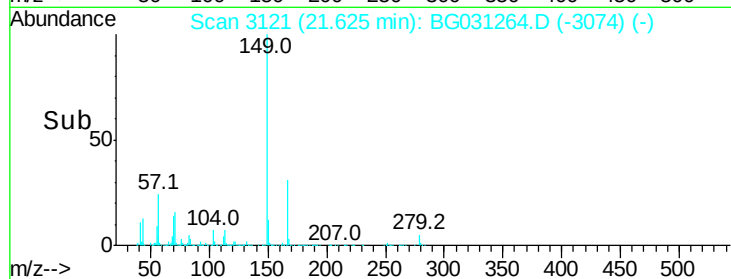
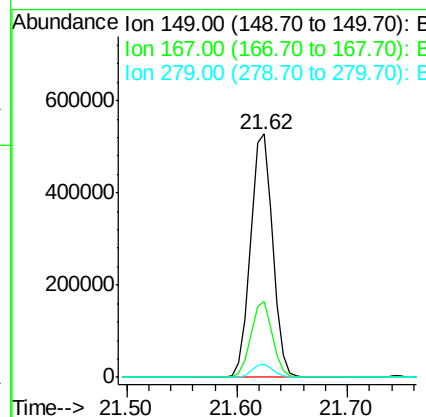
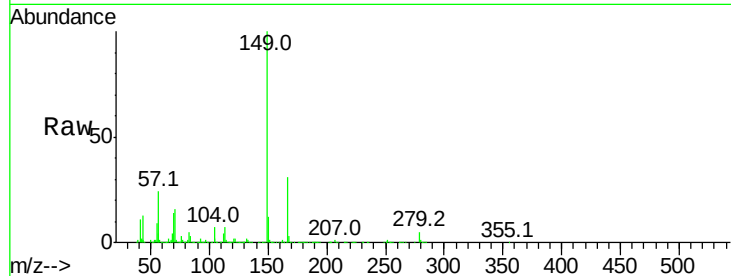
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.196 ng
 RT: 21.62 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.3	36.5
279	5.4	4.0	6.0

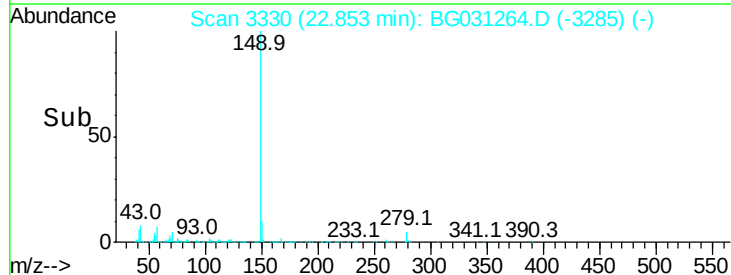
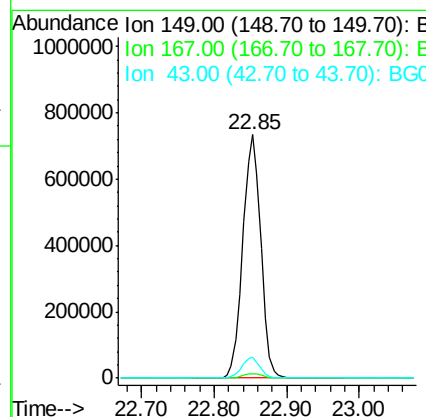
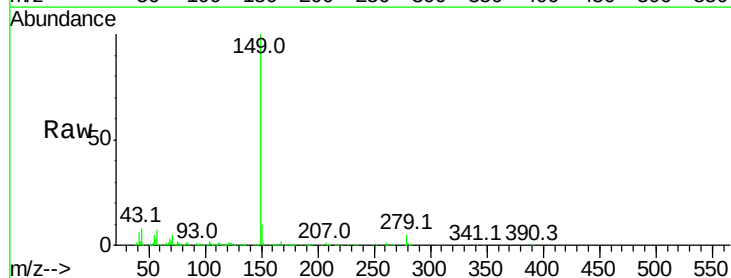
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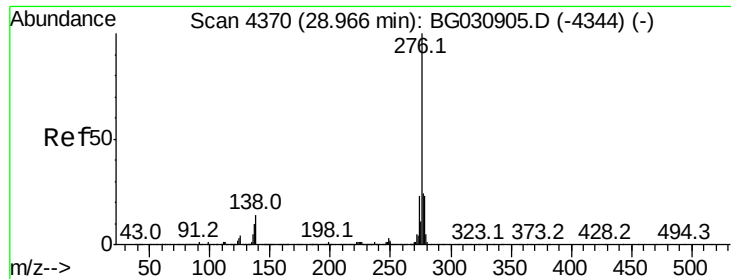
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#84
 Di-n-octyl phthalate
 Concen: 46.128 ng
 RT: 22.85 min Scan# 3330
 Delta R.T. -0.04 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.4	8.9	13.3#





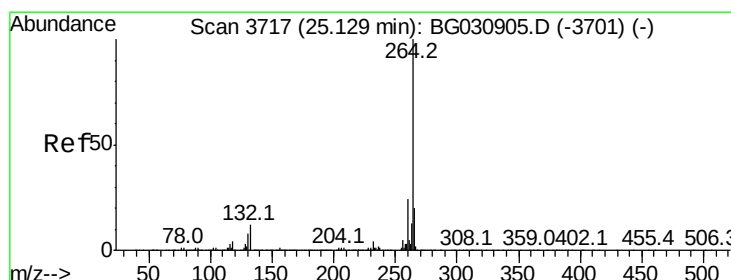
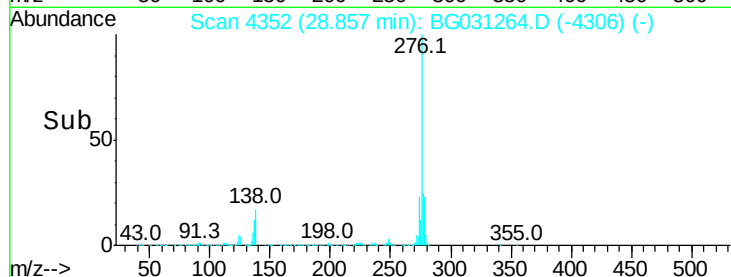
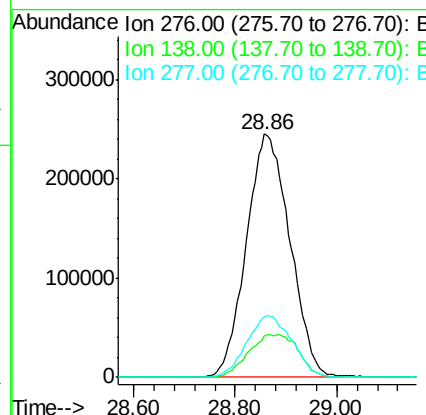
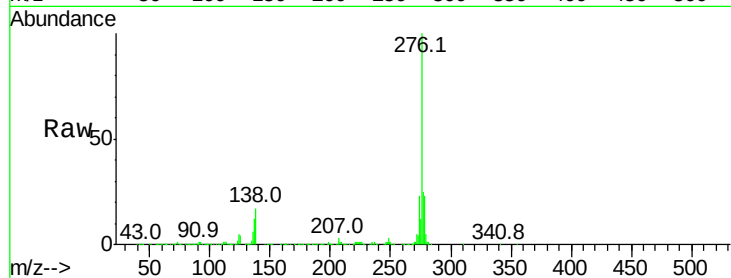
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.549 ng
 RT: 28.86 min Scan# 4352
 Delta R.T. -0.03 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.5	16.0	24.0#
277	26.4	20.0	30.0

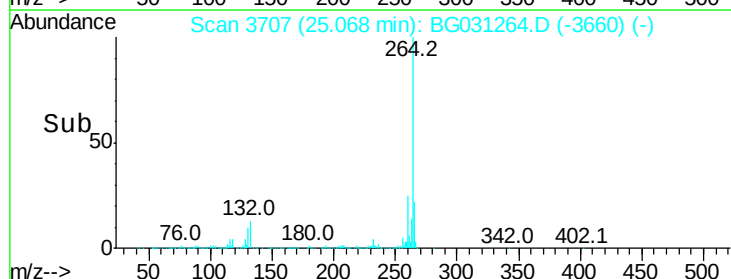
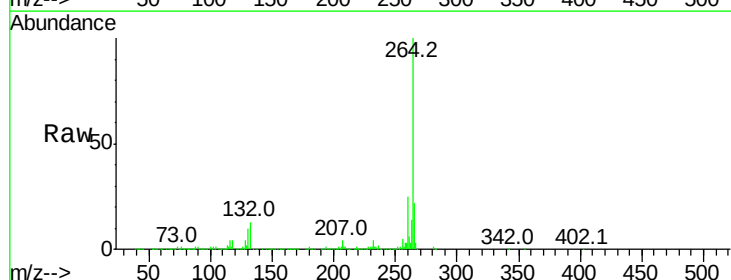
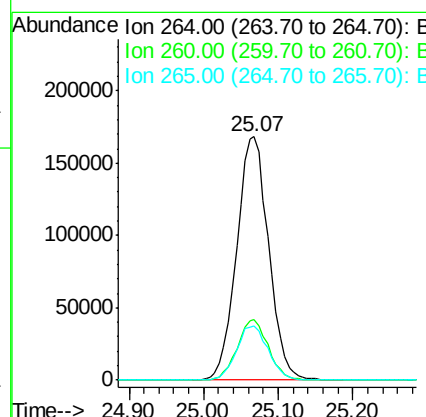
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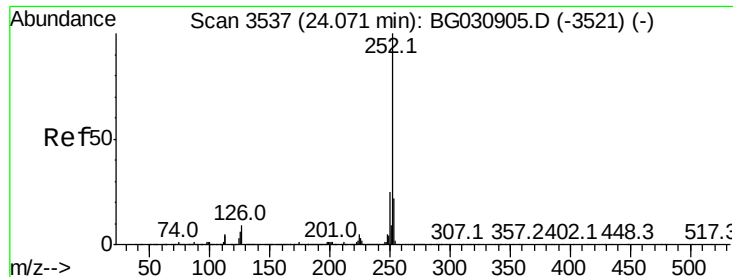
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	22.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 43.910 ng

RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Instrument :

BNA_G

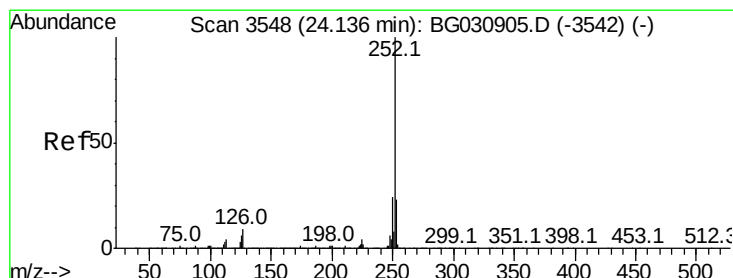
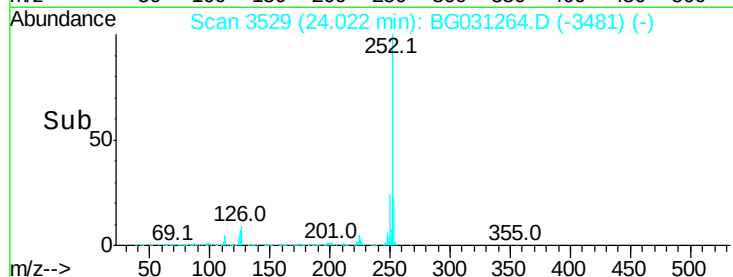
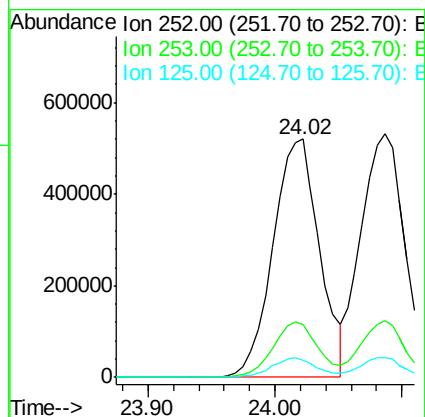
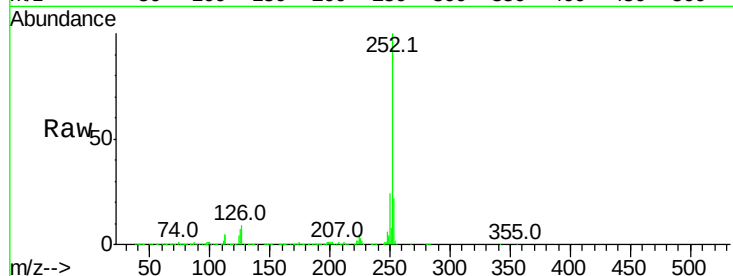
ClientSampleId :

EPE-109-5-(44-46)MS

Tot	Ion:252	Resp:	1326937
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	7.4	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 42.786 ng

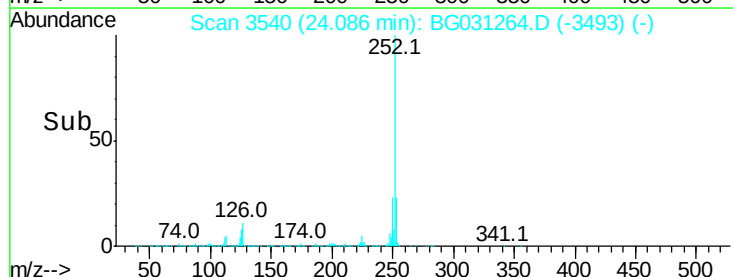
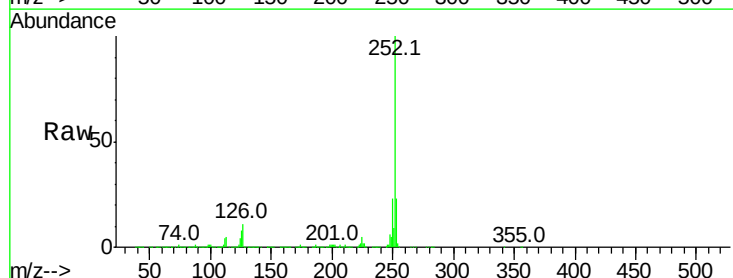
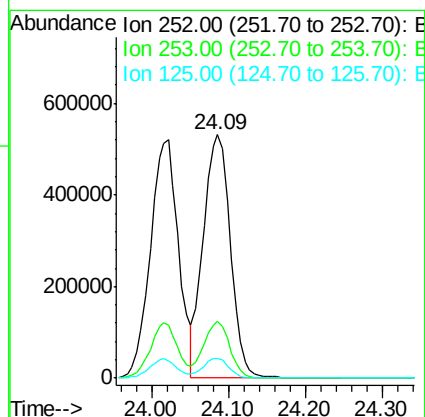
RT: 24.09 min Scan# 3540

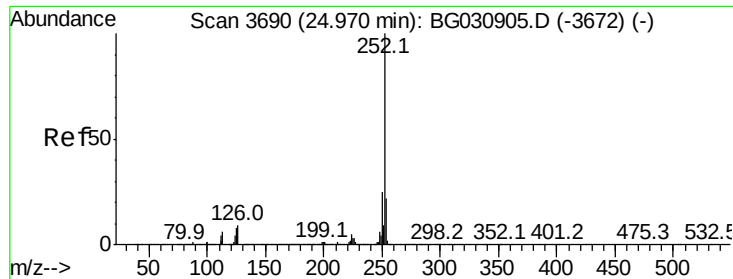
Delta R.T. -0.02 min

Lab File: BG031264.D

Acq: 28 Nov 2017 22:59

Tgt	Ion:252	Resp: 1281608	
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	8.0	6.6	9.8





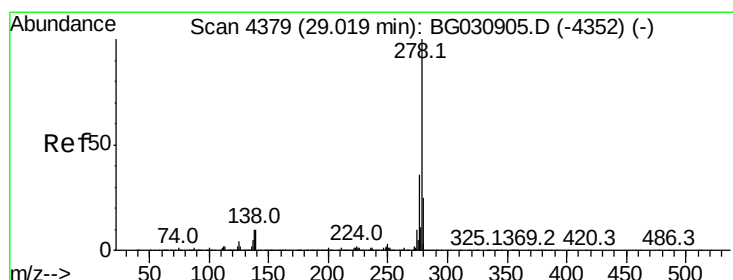
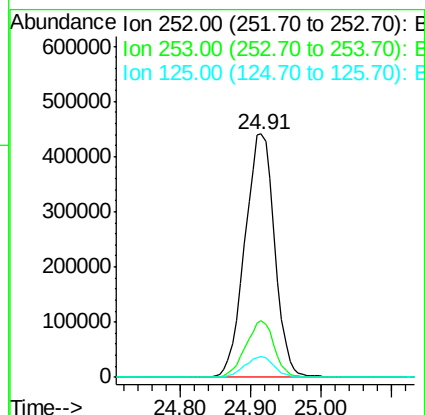
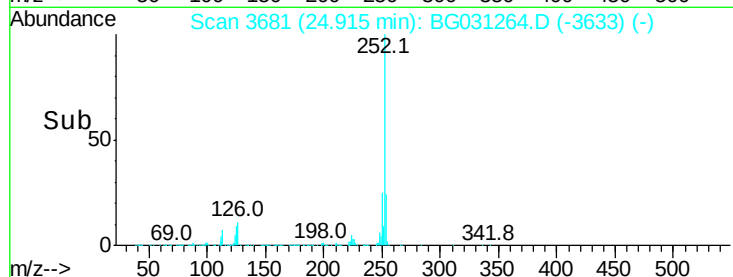
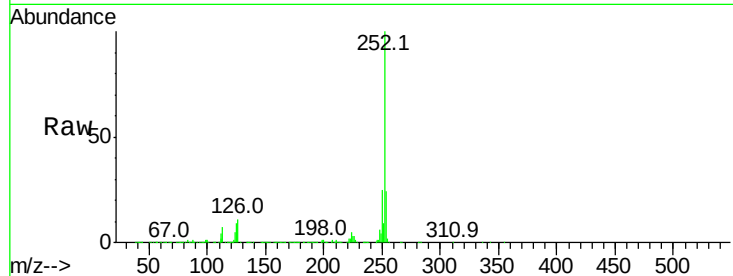
#89
Benzo(a)pyrene
Concen: 45.141 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	8.5	7.3	10.9

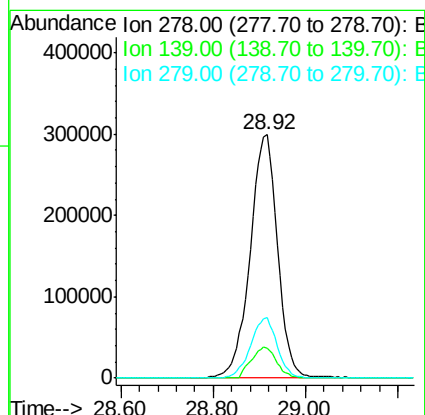
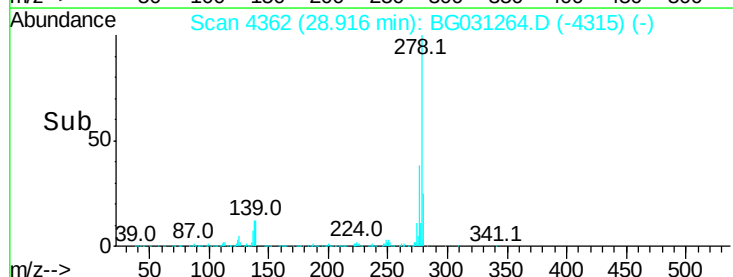
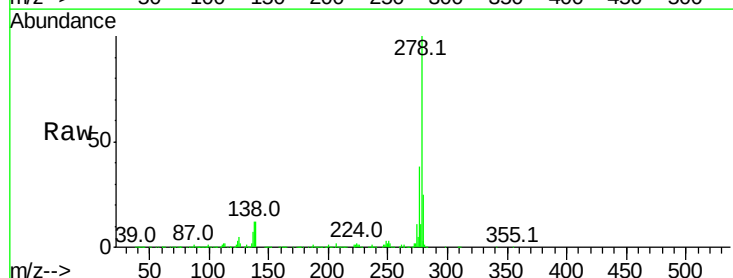
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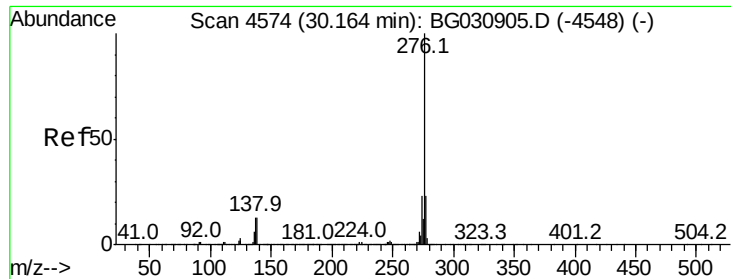
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 42.105 ng
RT: 28.92 min Scan# 4362
Delta R.T. -0.02 min
Lab File: BG031264.D
Acq: 28 Nov 2017 22:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	9.8	14.6
279	24.7	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.546 ng
 RT: 30.05 min Scan# 4555
 Delta R.T. -0.02 min
 Lab File: BG031264.D
 Acq: 28 Nov 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	18.0	13.9	20.9

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