

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034151.D
 Acq On : 3 May 2018 14:37
 Operator : SJ/JU
 Sample : J2626-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Manual Integrations
 APPROVED

Sohil
 5/3/2018 6:25:34 PM

Quant Time: May 03 18:26:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	87746	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	384581	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	300768	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	780233	20.00	ng	0.00
75) Chrysene-d12	21.76	240	819105	20.00	ng	0.00
86) Perylene-d12	25.06	264	852608	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	748162	137.76	ng	0.00
7) Phenol-d6	7.23	99	1170504	138.44	ng	0.00
23) Nitrobenzene-d5	9.24	82	838090	83.61	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	543383	130.47	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1656678	80.26	ng	0.00
78) Terphenyl-d14	20.08	244	2792223	74.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	72083	31.606	ng	# 82
3) Pyridine	3.94	79	250872	35.058	ng	# 81
4) n-Nitrosodimethylamine	3.86	42	163146	41.813	ng	# 78
6) Aniline	7.39	93	340705	29.626	ng	91
8) 2-Chlorophenol	7.63	128	240877	44.448	ng	93
9) Benzaldehyde	7.20	77	120620	22.304	ng	95
10) Phenol	7.26	94	445319	52.219	ng	81
11) bis(2-Chloroethyl)ether	7.49	93	269143	40.089	ng	97
12) 1,3-Dichlorobenzene	7.96	146	258171	37.655	ng	# 89
13) 1,4-Dichlorobenzene	8.11	146	256792	37.712	ng	98
14) 1,2-Dichlorobenzene	8.43	146	242198m	37.447	ng	
15) Benzyl Alcohol	8.31	79	383267	42.493	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.60	45	362942	39.291	ng	83
17) 2-Methylphenol	8.51	107	258993	46.155	ng	# 81
18) Hexachloroethane	9.17	117	107027	36.948	ng	90
19) n-Nitroso-di-n-propylamine	8.88	70	304548	40.109	ng	# 94
20) 3+4-Methylphenols	8.84	107	355680	42.799	ng	83
22) Acetophenone	8.90	105	457343	34.911	ng	# 97
24) Nitrobenzene	9.28	77	425621	38.792	ng	# 85
25) Isophorone	9.81	82	790552	38.662	ng	98
26) 2-Nitrophenol	9.99	139	139704	45.996	ng	# 53
27) 2,4-Dimethylphenol	10.05	122	270839	45.996	ng	85
28) bis(2-Chloroethoxy)methane	10.29	93	416246	41.443	ng	95
29) 2,4-Dichlorophenol	10.53	162	308767	43.869	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	315859	37.269	ng	99
31) Naphthalene	10.94	128	755817	37.390	ng	98
32) Benzoic acid	10.12	122	36435m	10.176	ng	
33) 4-Chloroaniline	11.04	127	120097	13.175	ng	# 82
34) Hexachlorobutadiene	11.23	225	255902	35.674	ng	94
35) Caprolactam	11.82	113	115006m	46.003	ng	
36) 4-Chloro-3-methylphenol	12.16	107	394458	43.222	ng	89
37) 2-Methylnaphthalene	12.54	142	628982	38.375	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	448122	38.503	ng	# 98
40) Hexachlorocyclopentadiene	12.89	237	566804	82.191	ng	92

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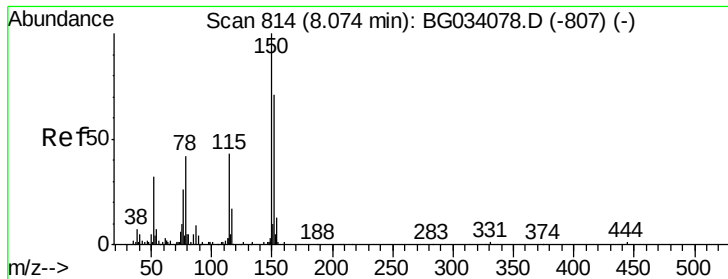
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	307820	45.521	ng	96
43) 2,4,5-Trichlorophenol	13.21	196	346032	46.289	ng	# 96
45) 1,1'-Biphenyl	13.55	154	888017	37.794	ng	98
46) 2-Chloronaphthalene	13.60	162	691944	38.899	ng	96
47) 2-Nitroaniline	13.79	65	316484	44.501	ng	87
48) Acenaphthylene	14.44	152	1062446	37.409	ng	97
49) Dimethylphthalate	14.17	163	1162279	44.565	ng	97
50) 2,6-Dinitrotoluene	14.29	165	226440	45.206	ng	# 80
51) Acenaphthene	14.78	154	786603	40.752	ng	96
52) 3-Nitroaniline	14.61	138	123485	24.459	ng	# 76
53) 2,4-Dinitrophenol	14.82	184	128875	65.767	ng	# 72
54) Dibenzofuran	15.12	168	1100415	39.325	ng	# 88
55) 4-Nitrophenol	14.92	139	340660	88.402	ng	# 45
56) 2,4-Dinitrotoluene	15.08	165	327440	48.143	ng	96
57) Fluorene	15.76	166	914282	37.486	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	361113	46.695	ng	92
59) Diethylphthalate	15.54	149	1024868	37.135	ng	97
60) 4-Chlorophenyl-phenylether	15.76	204	573582	39.530	ng	98
61) 4-Nitroaniline	15.78	138	214319	40.019	ng	# 51
62) Azobenzene	16.05	77	1093047	36.662	ng	92
64) 4,6-Dinitro-2-methylphenol	15.84	198	166517	45.391	ng	96
65) n-Nitrosodiphenylamine	15.98	169	829857	39.006	ng	97
66) 4-Bromophenyl-phenylether	16.66	248	383296	39.567	ng	93
67) Hexachlorobenzene	16.77	284	392279	39.893	ng	# 91
68) Atrazine	16.92	200	386461	44.932	ng	96
69) Pentachlorophenol	17.11	266	526684	76.846	ng	97
70) Phenanthrene	17.51	178	1508631	37.629	ng	97
71) Anthracene	17.60	178	1542216	37.955	ng	97
72) Carbazole	17.87	167	1380384	37.111	ng	97
73) Di-n-butylphthalate	18.44	149	1536965	34.328	ng	# 95
74) Fluoranthene	19.52	202	1868684	36.885	ng	93
76) Benzidine	19.70	184	1020745	48.378	ng	98
77) Pyrene	19.88	202	1851318	36.075	ng	94
79) Butylbenzylphthalate	20.78	149	742986	37.087	ng	88
80) Benzo(a)anthracene	21.74	228	2015056	38.386	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	404812	20.392	ng	# 93
82) Chrysene	21.82	228	1911934	38.053	ng	97
83) Bis(2-ethylhexyl)phthalate	21.66	149	1008034	36.560	ng	# 98
84) Di-n-octyl phthalate	22.91	149	1748647	39.708	ng	99
85) Indeno(1,2,3-cd)pyrene	28.81	276	2324027	42.030	ng	# 84
87) Benzo(b)fluoranthene	24.01	252	2054790	38.152	ng	# 96
88) Benzo(k)fluoranthene	24.08	252	2006162	38.973	ng	# 94
89) Benzo(a)pyrene	24.90	252	1962747	38.952	ng	# 96
90) Dibenzo(a,h)anthracene	28.90	278	1944559	40.939	ng	# 95
91) Benzo(g,h,i)perylene	30.00	276	1890062	40.372	ng	# 90

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



#1

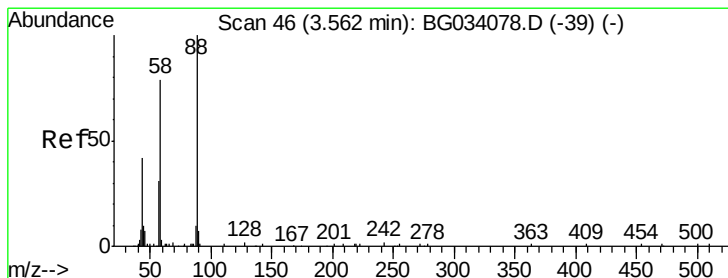
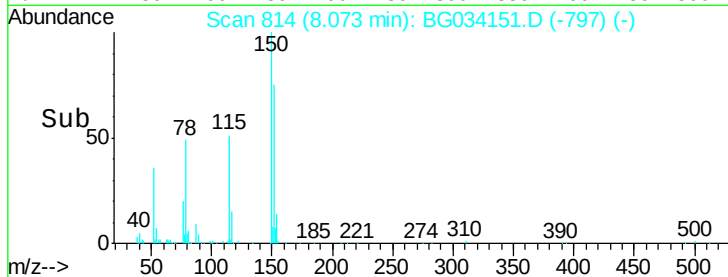
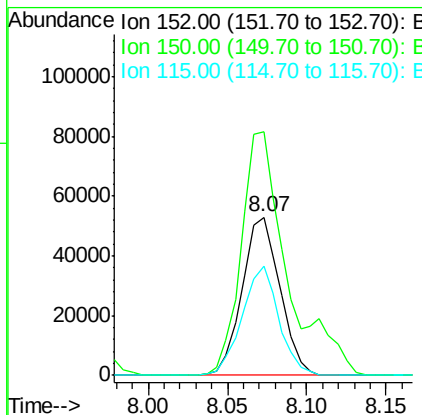
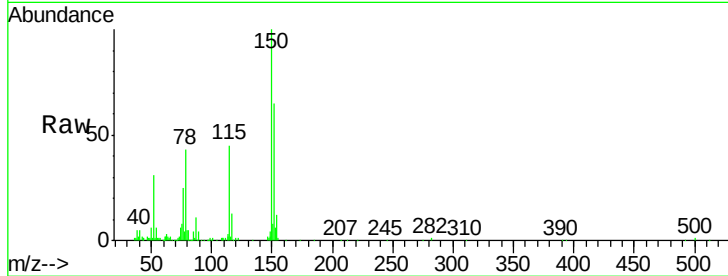
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.6	189.8
115	68.6	53.0	79.4

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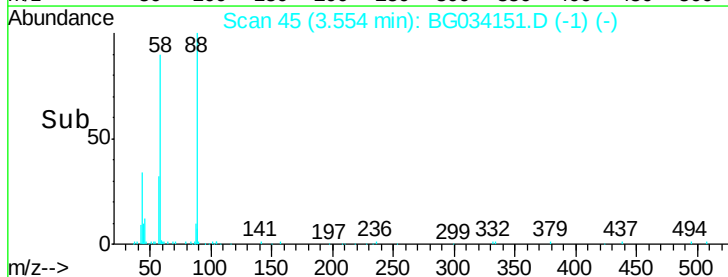
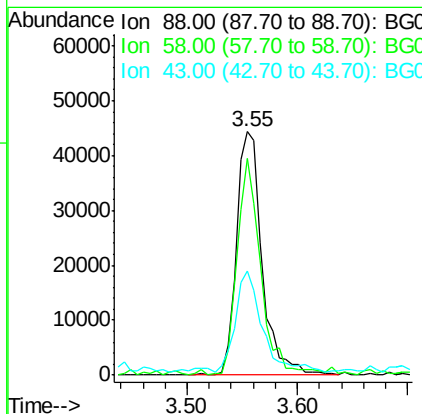
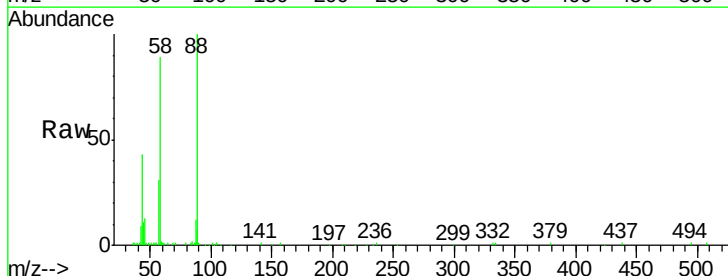
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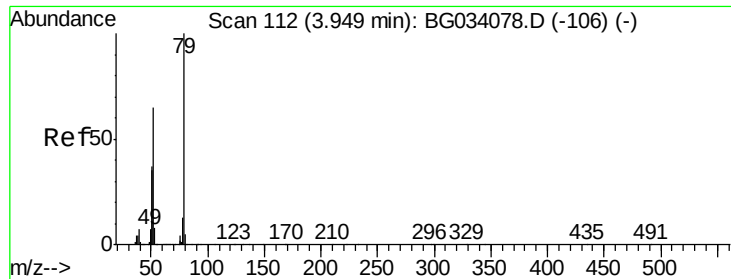


#2

1,4-Dioxane
Concen: 31.606 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	79.6	119.4
43	43.5	27.4	41.0





#3

Pvridine

Concen: 35.058 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

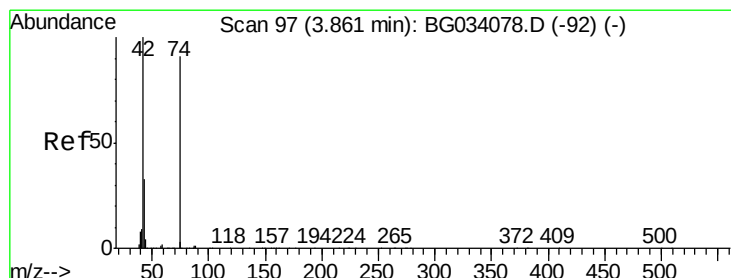
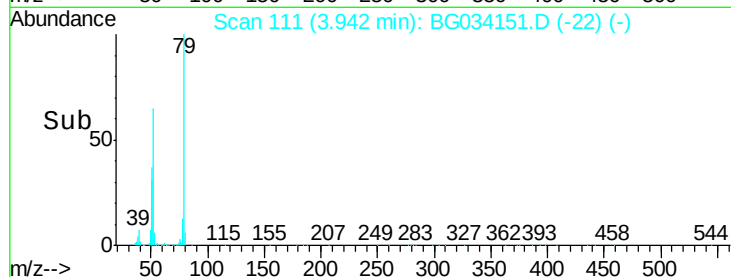
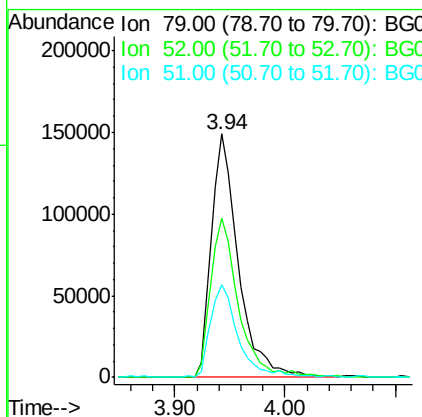
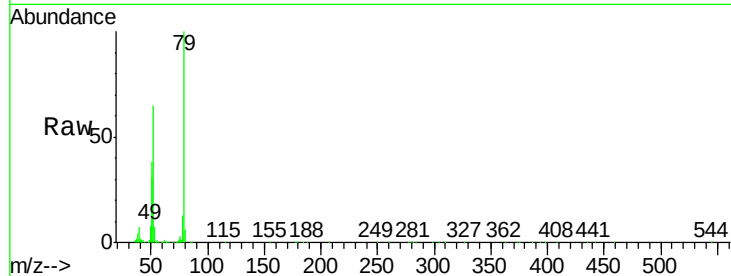
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	79	Resp:	250872
Ion Ratio	Lower	Upper	
79	100		
52	65.2	69.9	104.9#
51	37.8	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 41.813 ng

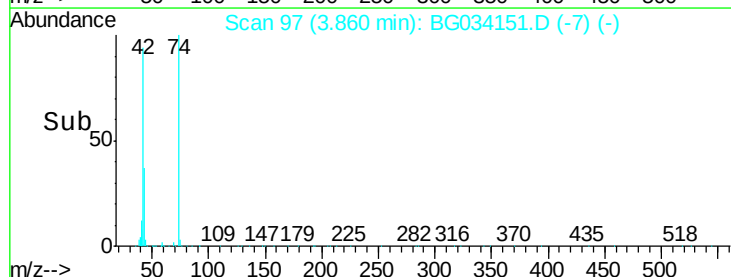
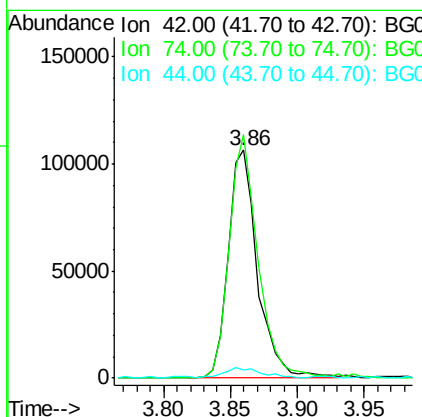
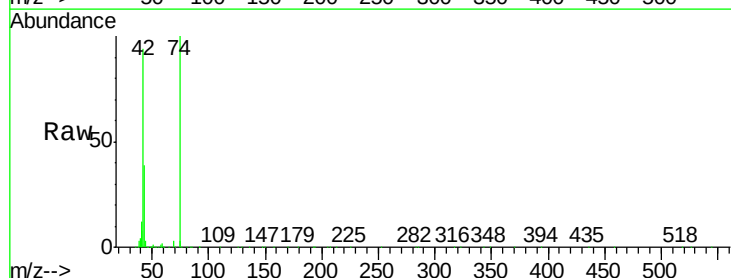
RT: 3.86 min Scan# 97

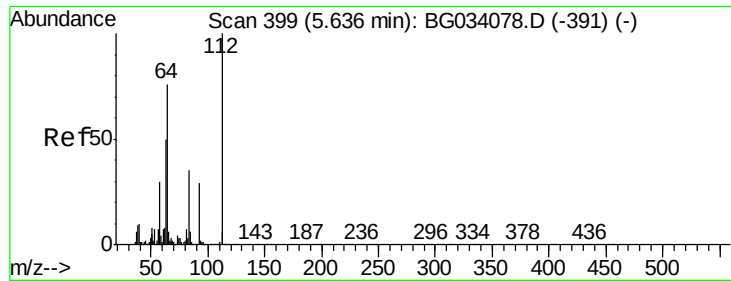
Delta R.T. -0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	42	Resp:	163146
Ion Ratio	Lower	Upper	
42	100		
74	106.7	102.5	153.7
44	3.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 137.756 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

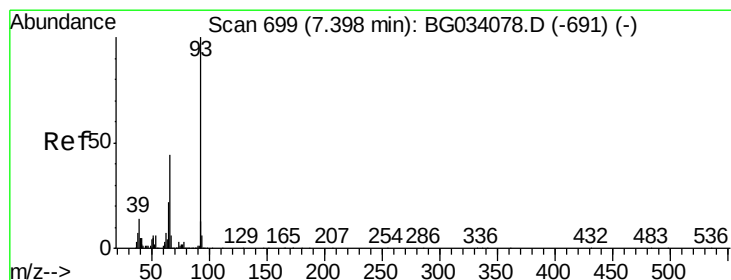
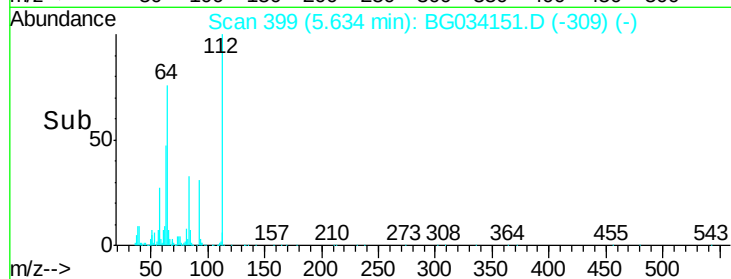
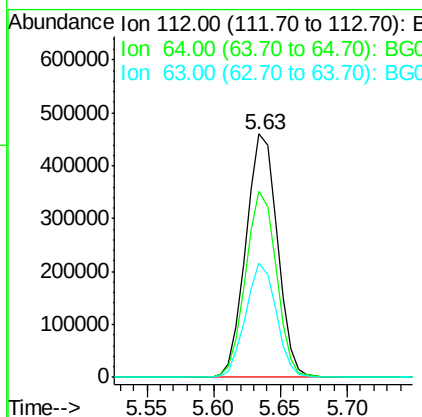
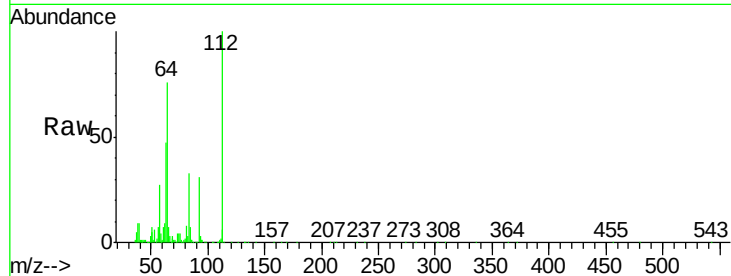
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		748162		
64	76.4	56.3	84.5		
63	46.9	30.1	45.1		

Manual Integrations
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#6

Aniline

Concen: 29.626 ng

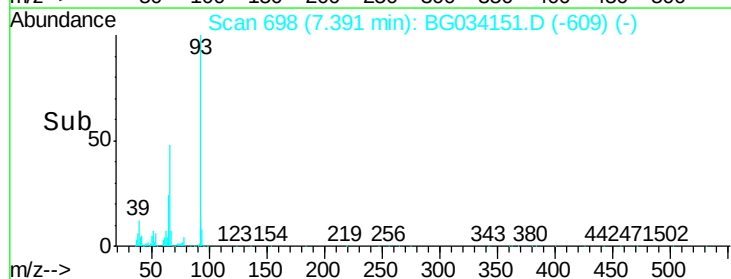
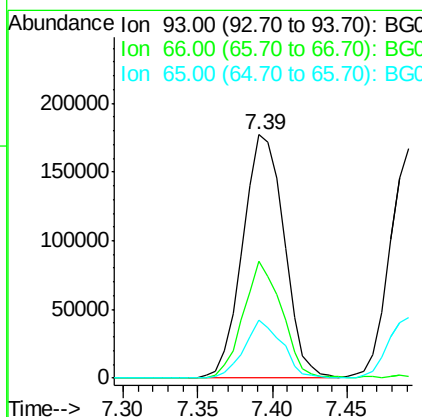
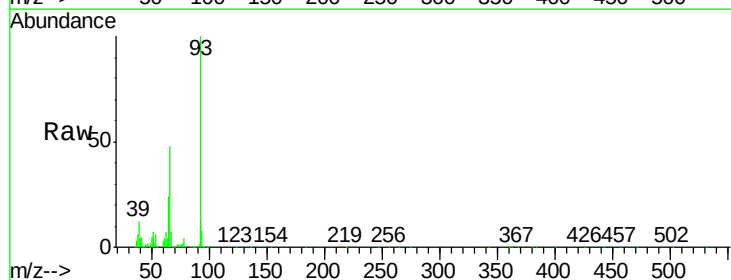
RT: 7.39 min Scan# 698

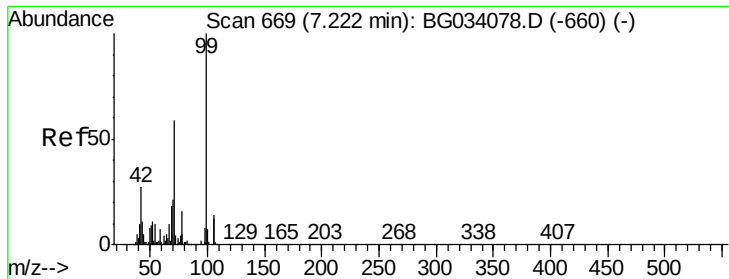
Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		340705		
66	47.9	33.7	50.5		
65	23.6	16.1	24.1		





#7

Phenol-d6

Concen: 138.437 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion: 99 Resp: 1170504

Ion Ratio Lower Upper

99 100

42 23.5 14.1 21.1#

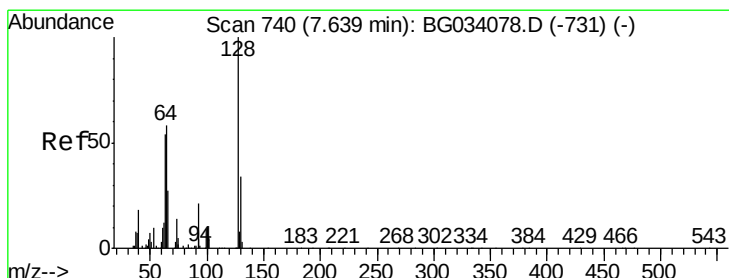
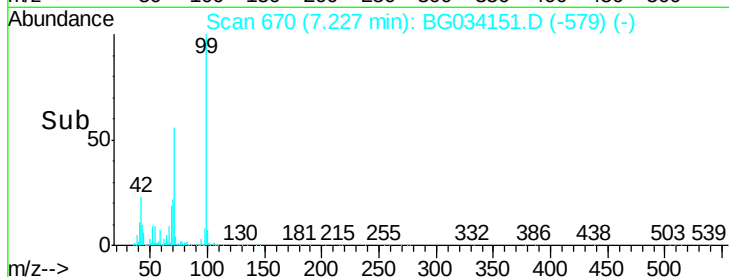
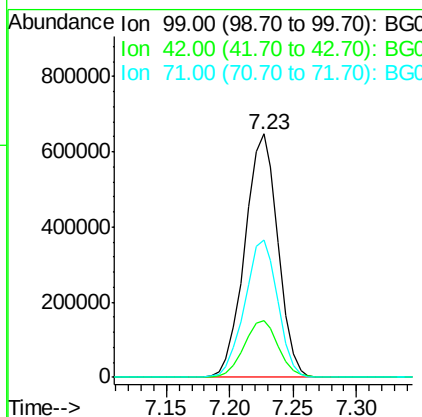
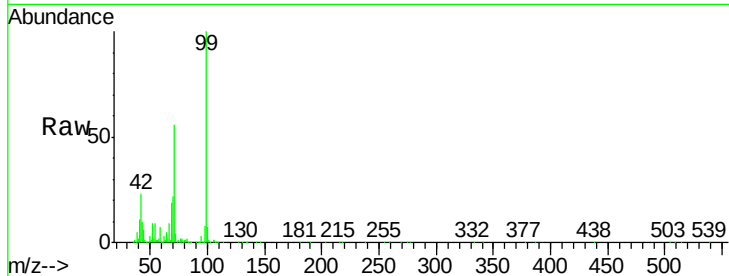
71 56.5 26.1 39.1#

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#8

2-Chlorophenol

Concen: 44.448 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

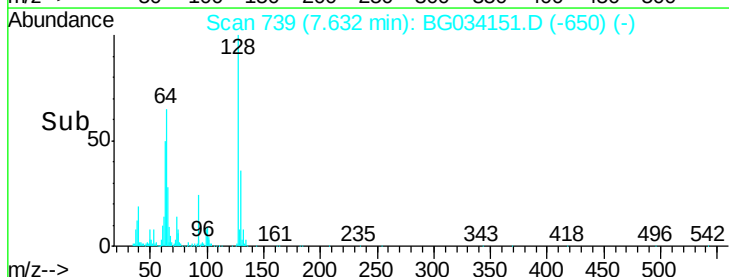
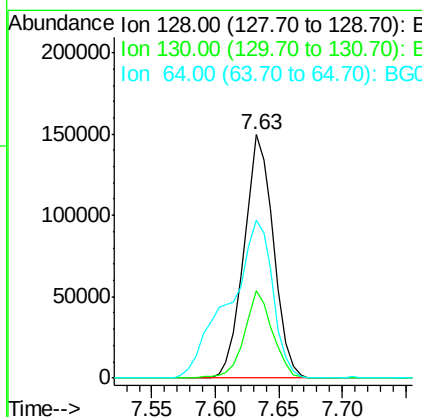
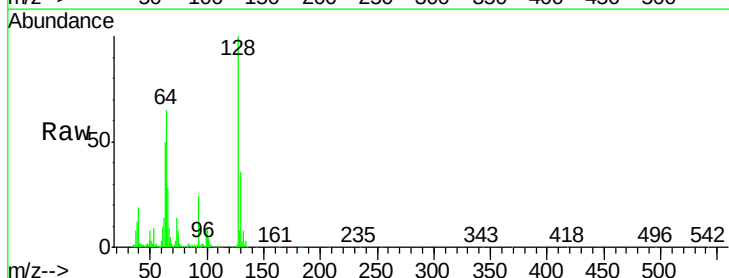
Tgt Ion:128 Resp: 240877

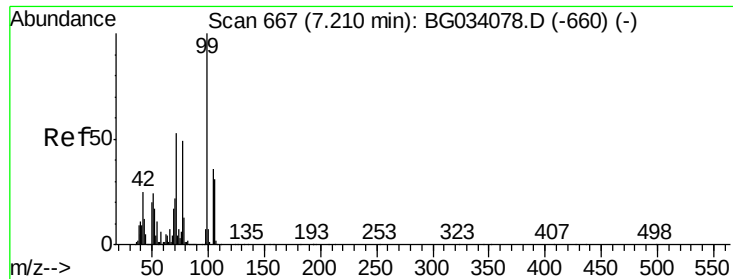
Ion Ratio Lower Upper

128 100

130 36.0 14.0 54.0

64 64.8 37.7 77.7





#9

Benzaldehyde

Concen: 22.304 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

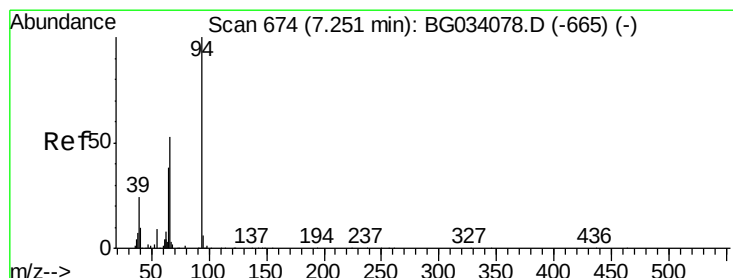
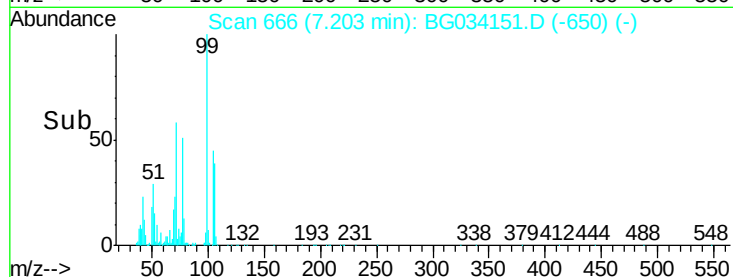
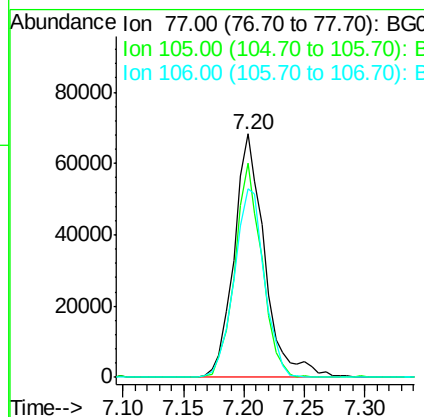
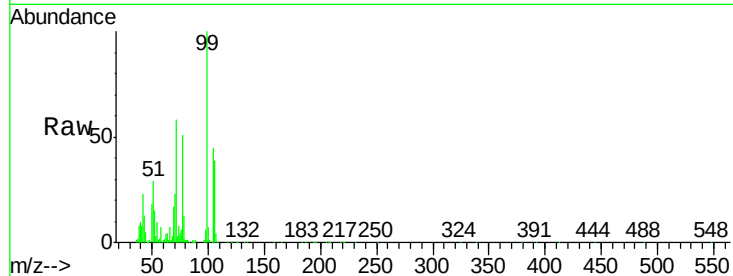
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	77	Resp:	120620
Ion Ratio	Lower	Upper	
77	100		
105	87.8	71.3	111.3
106	77.7	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 52.219 ng

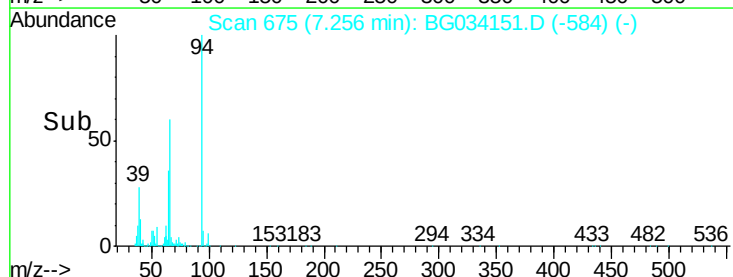
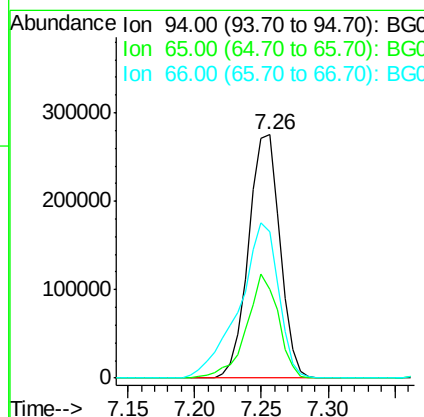
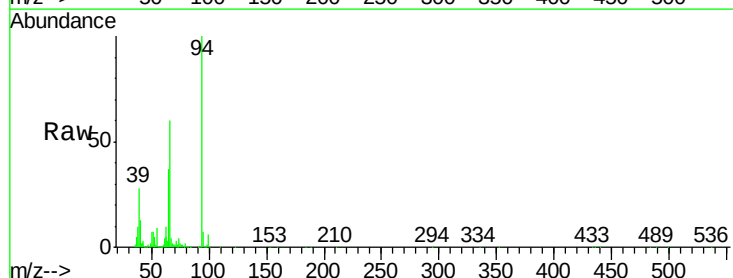
RT: 7.26 min Scan# 675

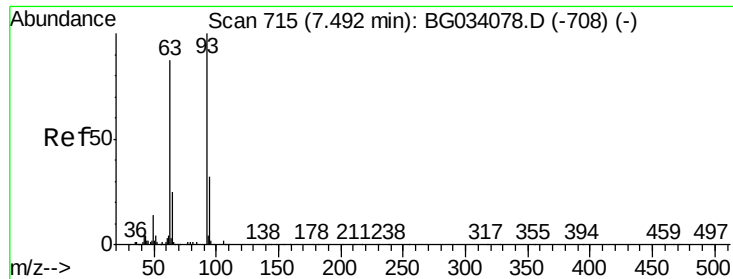
Delta R.T. 0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	94	Resp:	445319
Ion Ratio	Lower	Upper	
94	100		
65	36.5	11.9	51.9
66	59.9	22.2	62.2





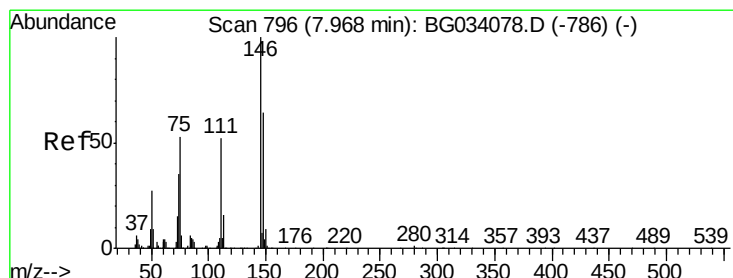
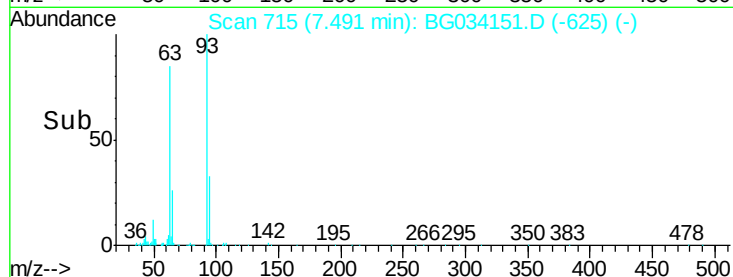
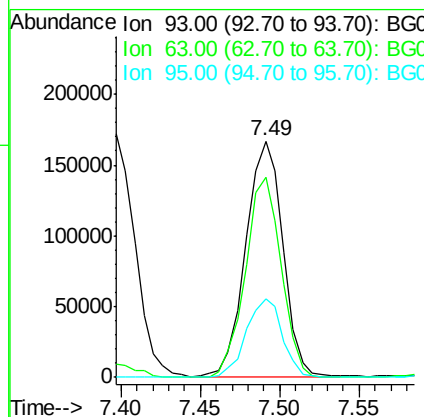
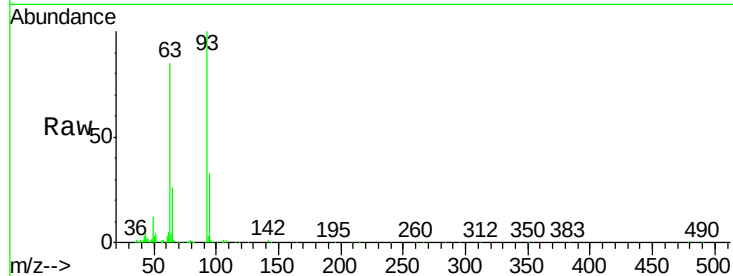
#11
bis(2-Chloroethyl)ether
Concen: 40.089 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.9	67.1	107.1
95	33.2	11.5	51.5

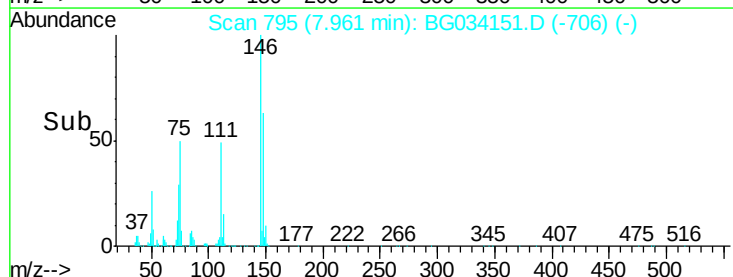
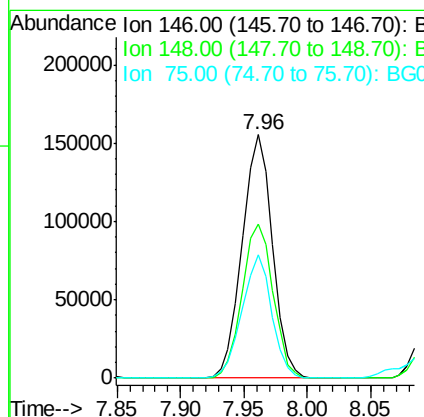
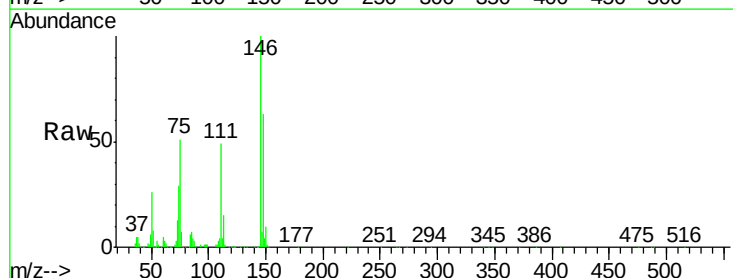
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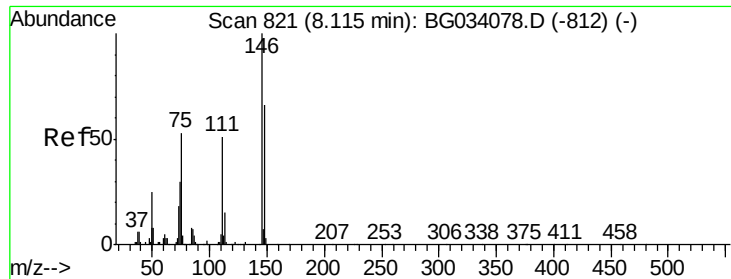
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#12
1,3-Dichlorobenzene
Concen: 37.655 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
75	50.5	26.6	39.8





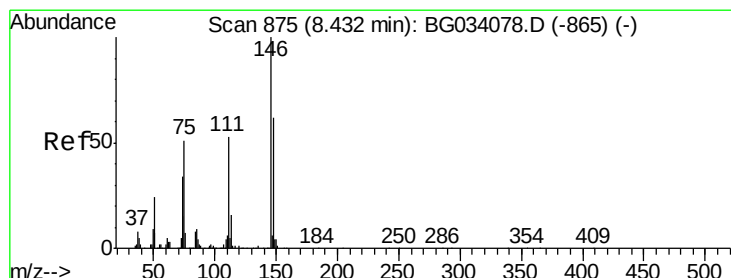
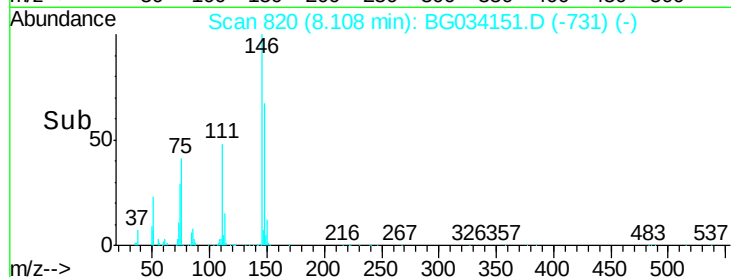
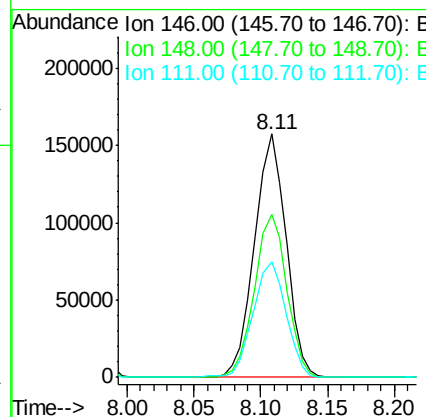
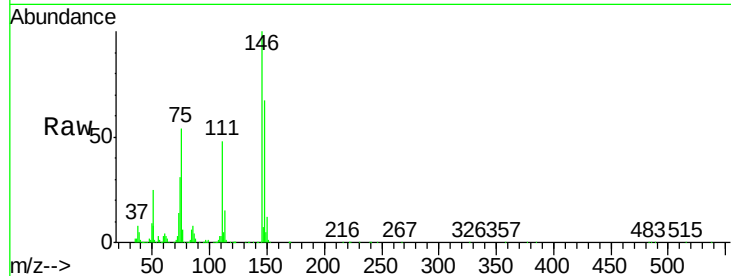
#13
 1,4-Dichlorobenzene
 Concen: 37.712 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.7	80.5
111	47.7	35.2	52.8

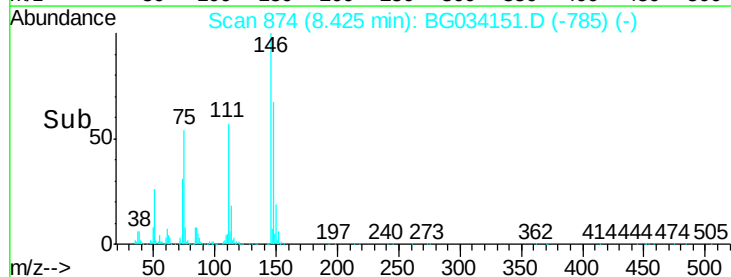
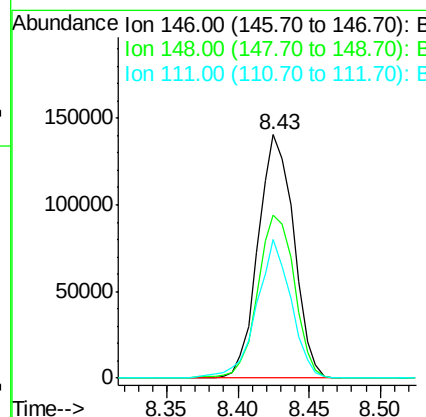
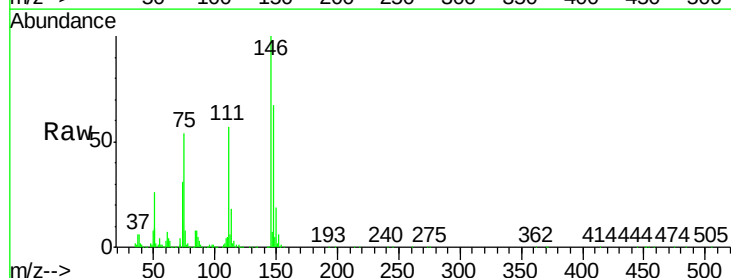
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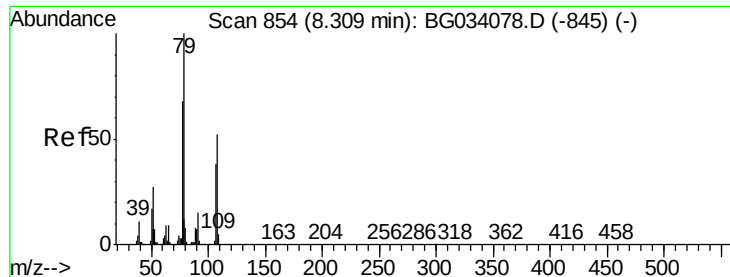
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#14
 1,2-Dichlorobenzene
 Concen: 37.447 ng m
 RT: 8.43 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	49.3	73.9
111	57.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 42.493 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

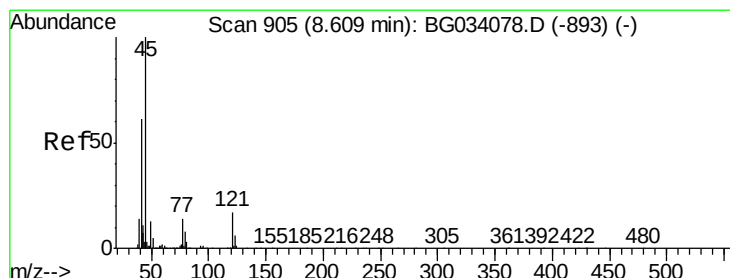
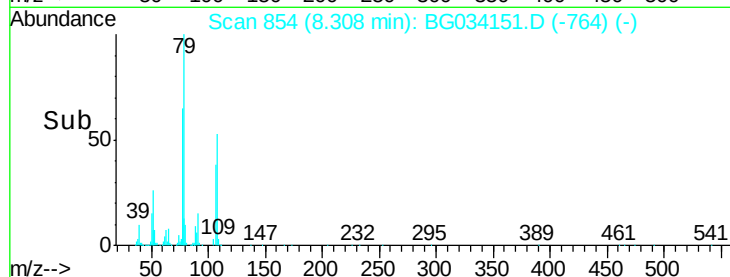
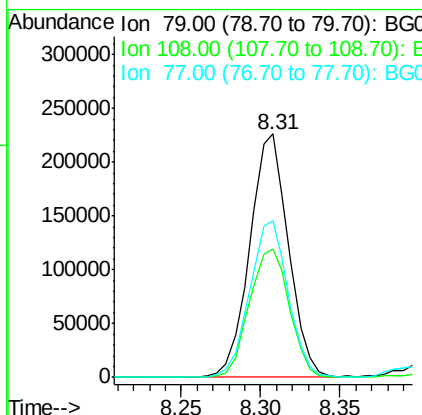
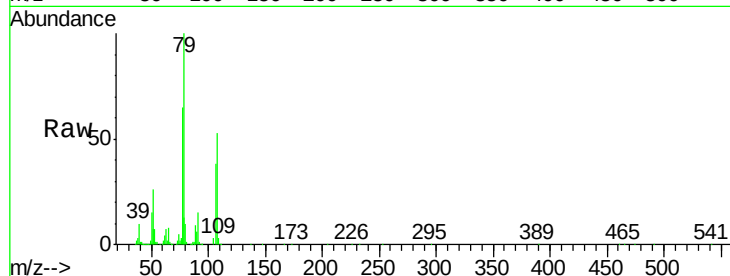
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	79	Resp:	383267
Ion Ratio	Lower	Upper	
79	100		
108	53.0	57.2	85.8#
77	64.5	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.291 ng

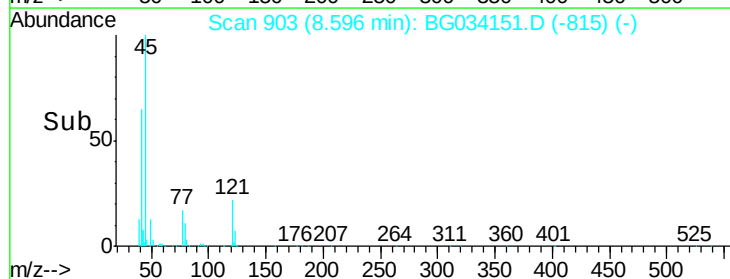
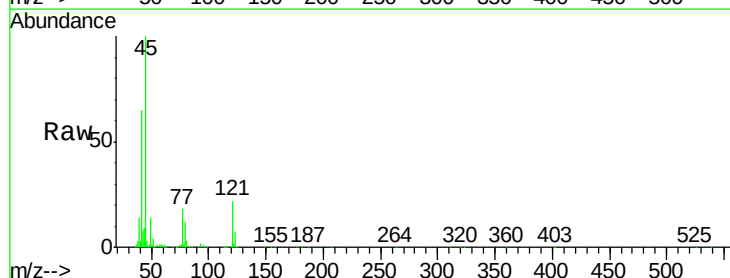
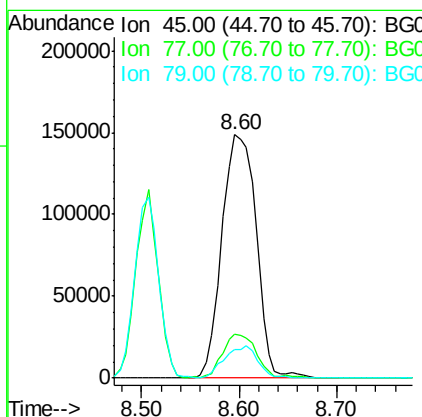
RT: 8.60 min Scan# 903

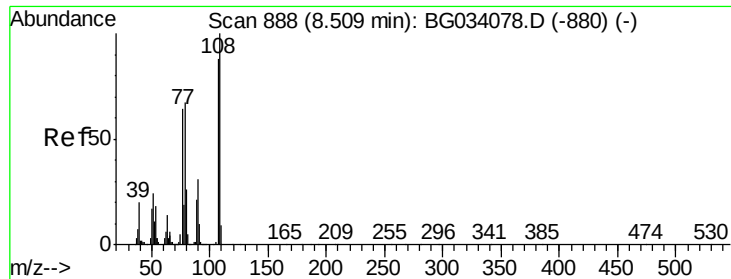
Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	45	Resp:	362942
Ion Ratio	Lower	Upper	
45	100		
77	18.3	0.0	30.2
79	11.9	0.0	27.9





#17

2-Methylphenol

Concen: 46.155 ng

RT: 8.51 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

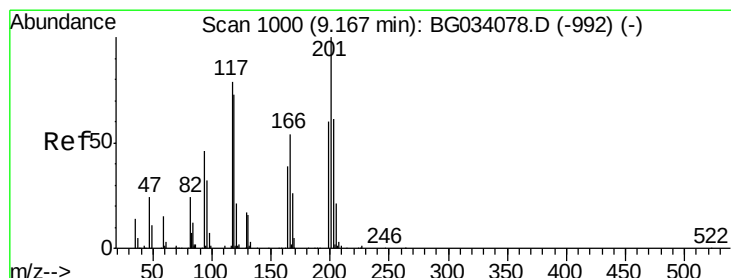
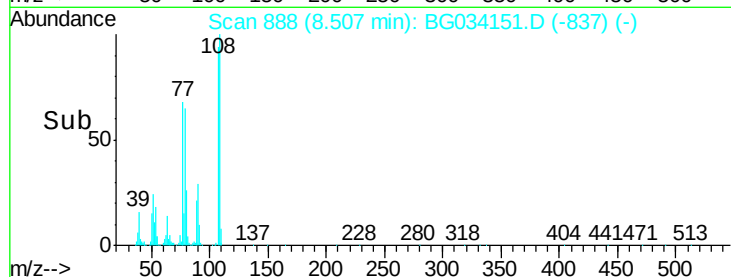
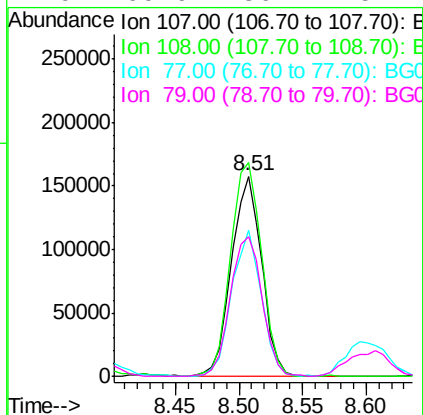
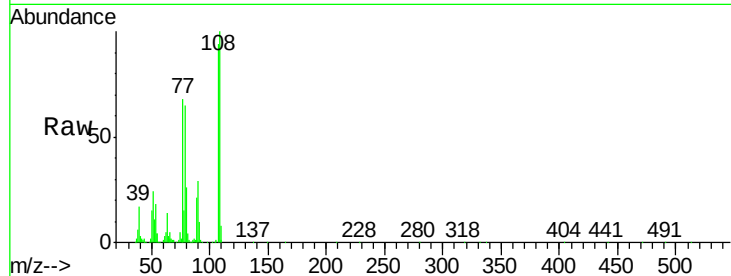
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.9	83.9	125.9	
77	73.1	37.2	55.8	
79	69.9	36.2	54.2	

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#18

Hexachloroethane

Concen: 36.948 ng

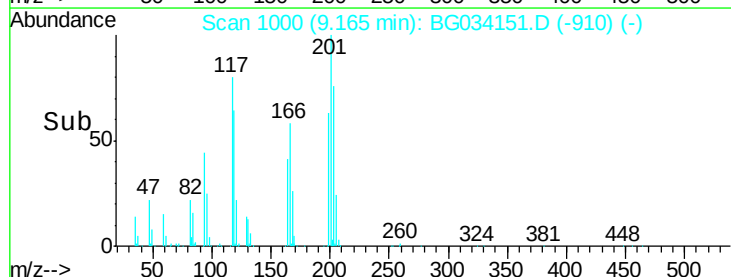
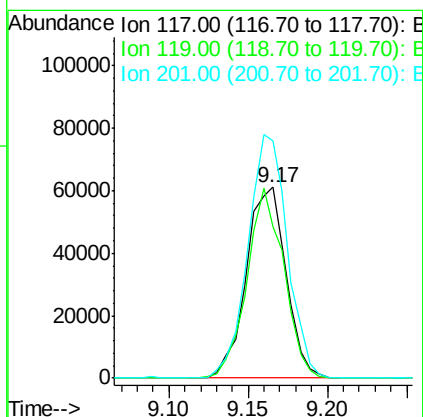
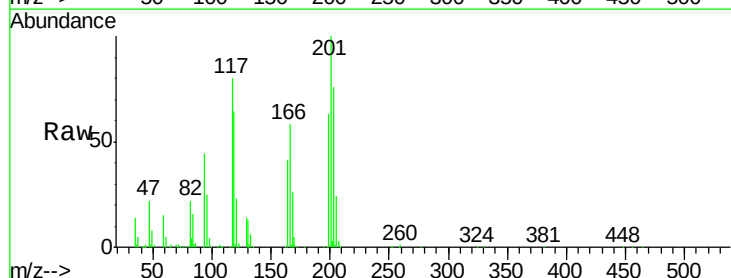
RT: 9.17 min Scan# 1000

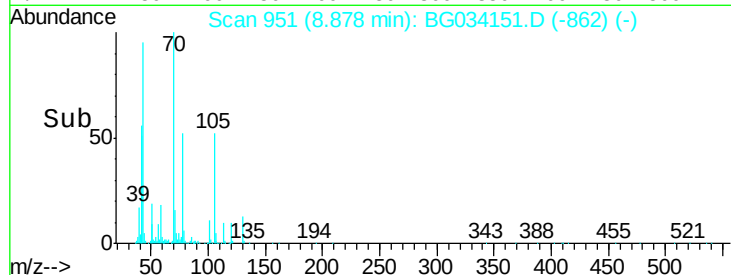
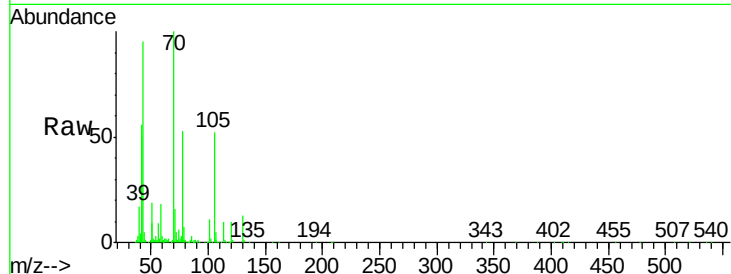
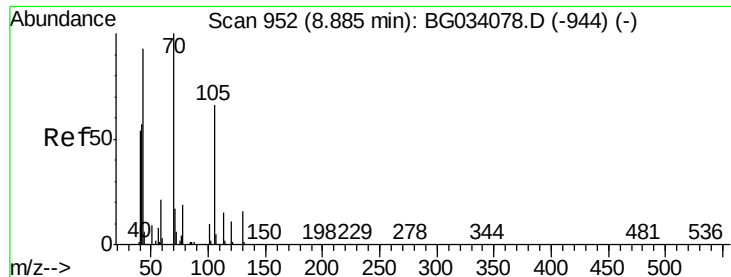
Delta R.T. -0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	79.2	76.7	115.1	
201	124.3	95.7	143.5	





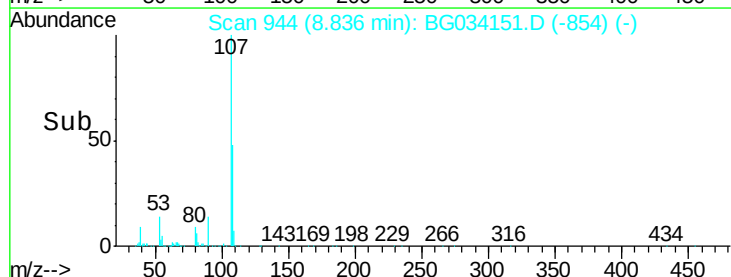
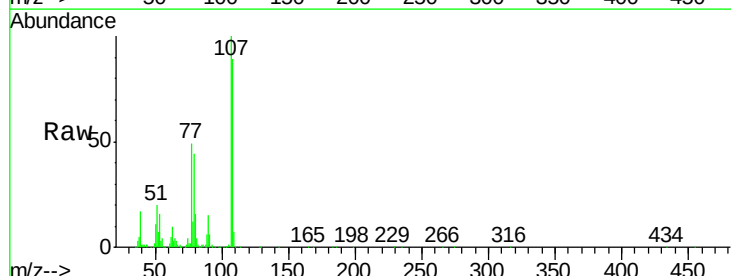
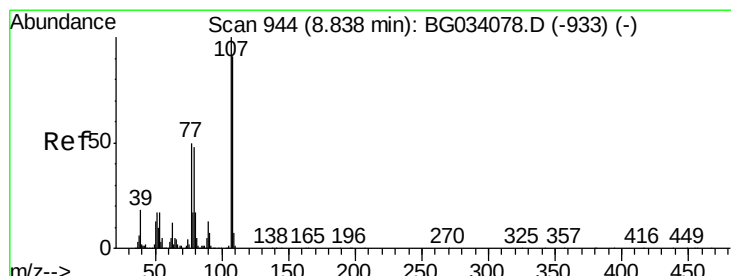
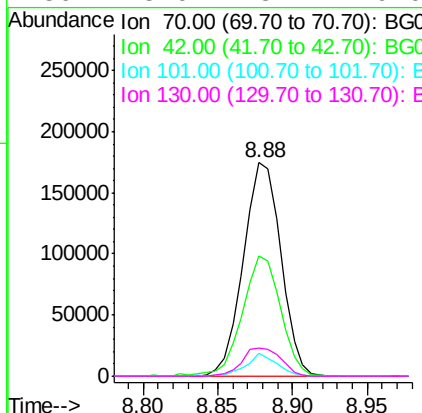
#19
n-Nitroso-di-n-propylamine
Concen: 40.109 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	49.1	73.7	
101	10.5	8.5	12.7	
130	13.0	13.4	20.0	#

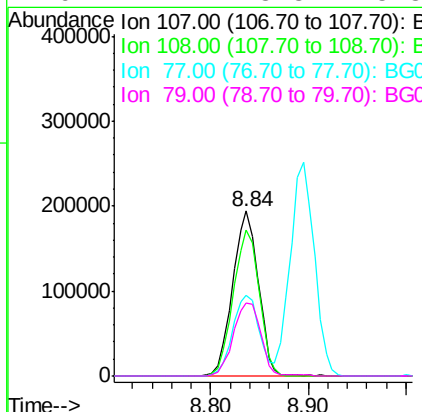
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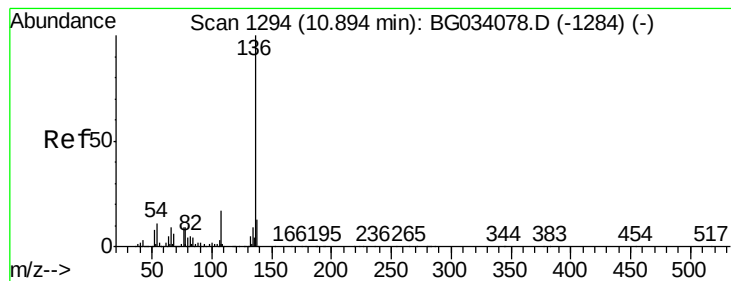
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#20
3+4-Methylphenols
Concen: 42.799 ng
RT: 8.84 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	61.6	101.6	
77	48.9	13.9	53.9	
79	44.4	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

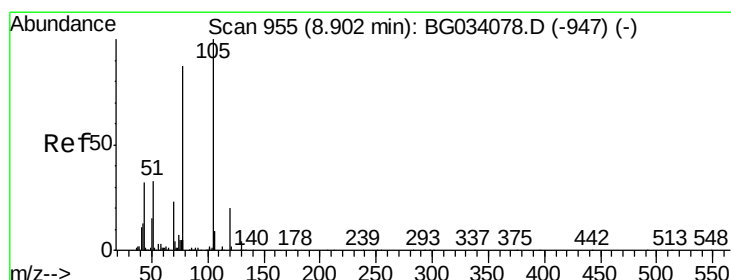
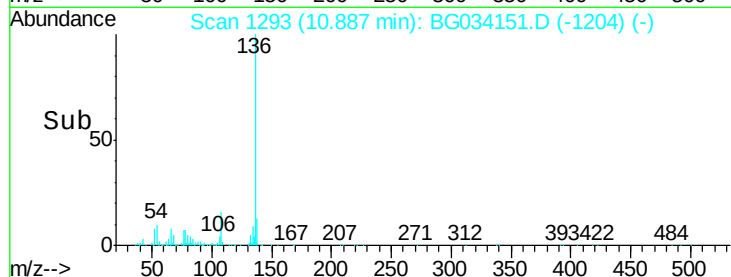
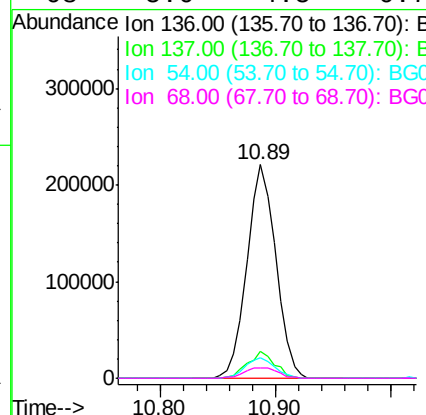
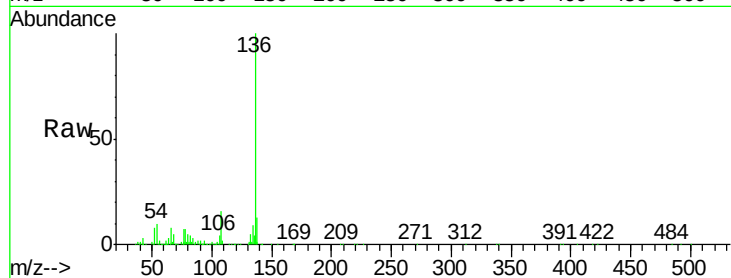
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	384581		
137	12.8	9.2	13.8	
54	9.7	10.3	15.5	
68	5.0	4.5	6.7	

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#22

Acetophenone

Concen: 34.911 ng

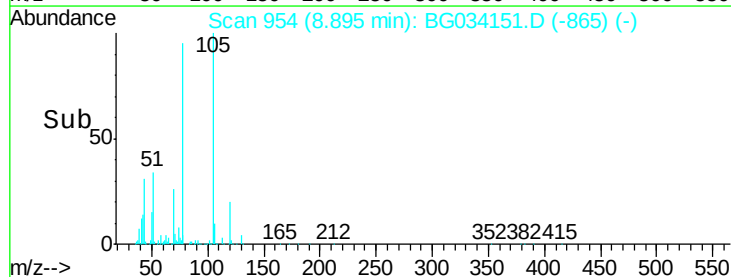
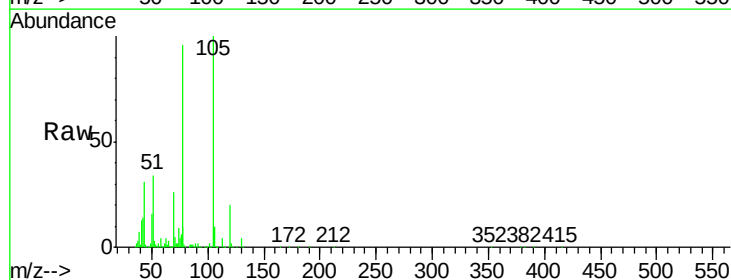
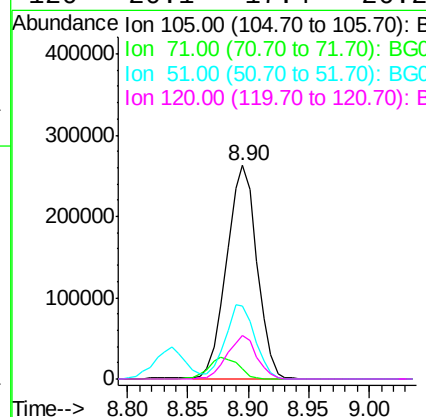
RT: 8.90 min Scan# 954

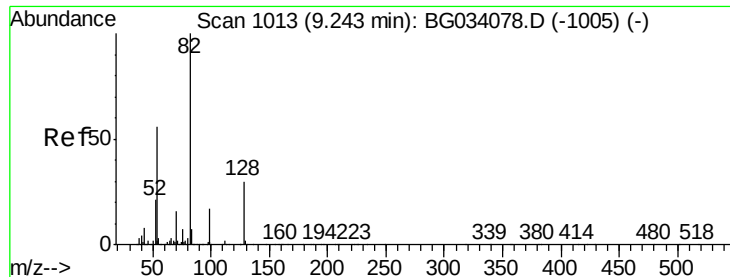
Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	457343		
71	4.8	3.0	4.4	
51	34.4	26.1	39.1	
120	20.1	17.4	26.2	





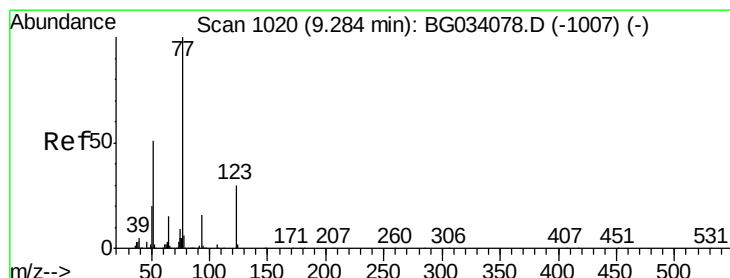
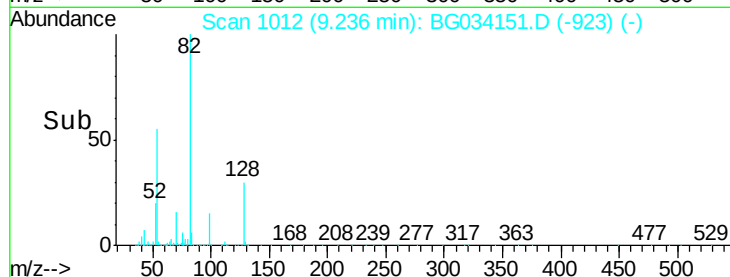
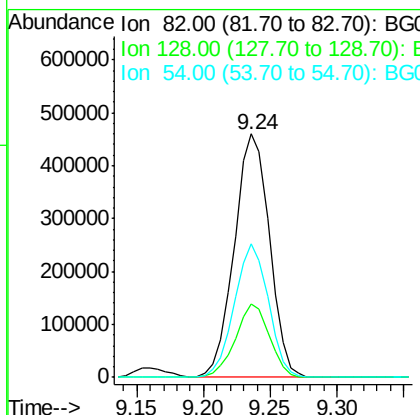
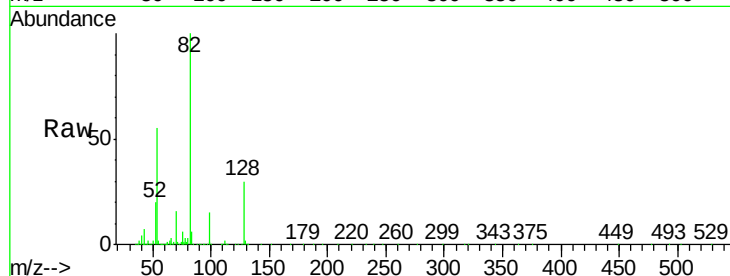
#23
Nitrobenzene-d5
Concen: 83.613 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	30.4	29.7	44.5
54	54.7	43.1	64.7

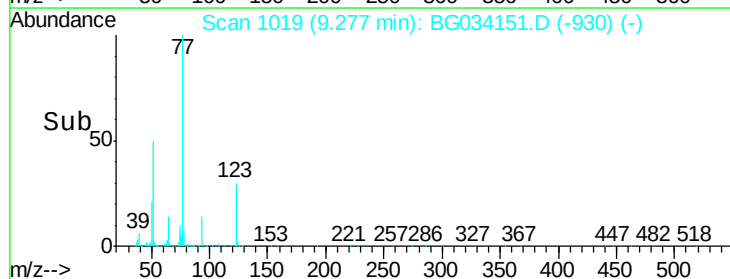
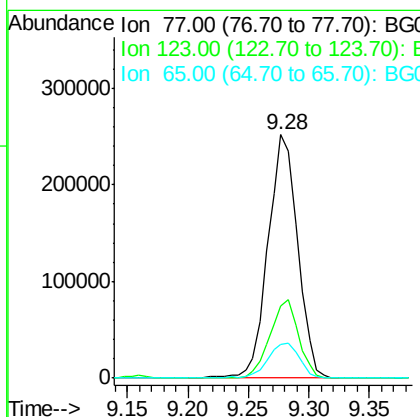
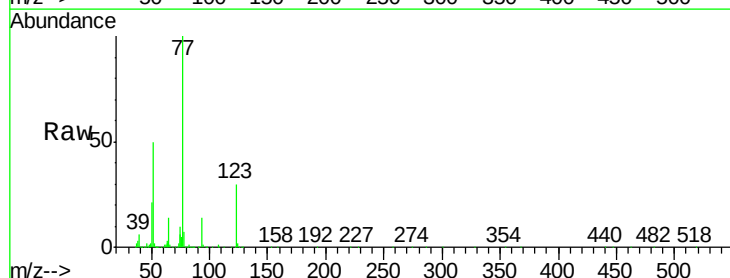
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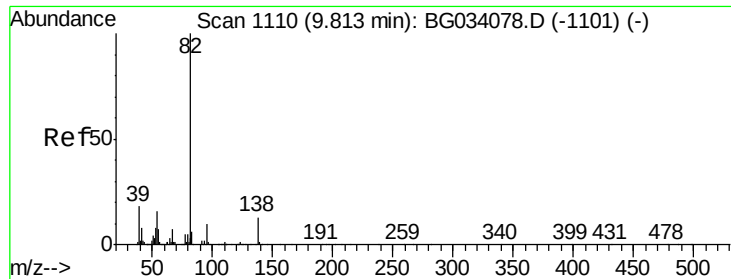
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#24
Nitrobenzene
Concen: 38.792 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	29.8	33.0	49.6#
65	13.7	13.0	19.6





#25

Isophorone

Concen: 38.662 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

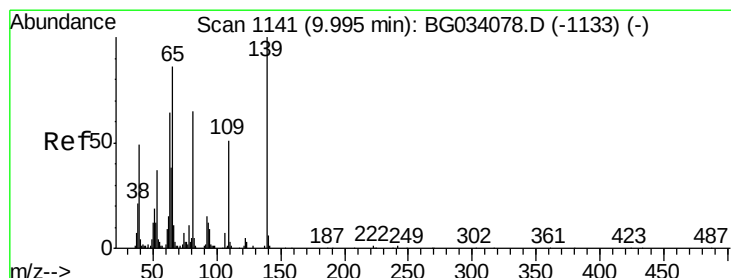
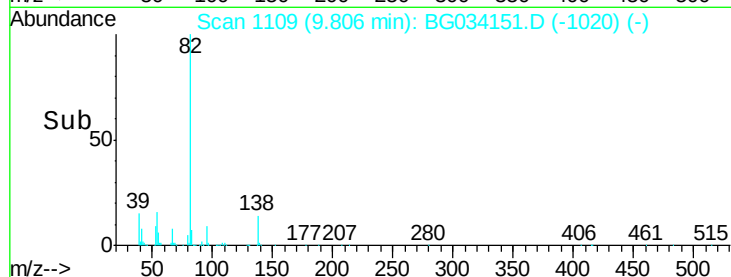
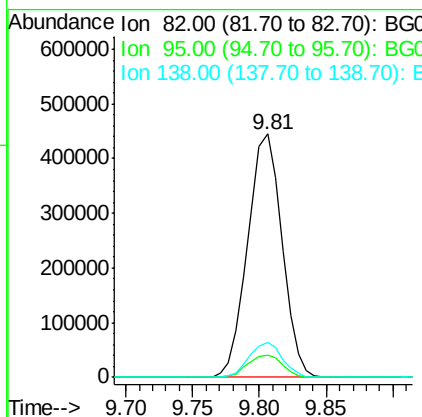
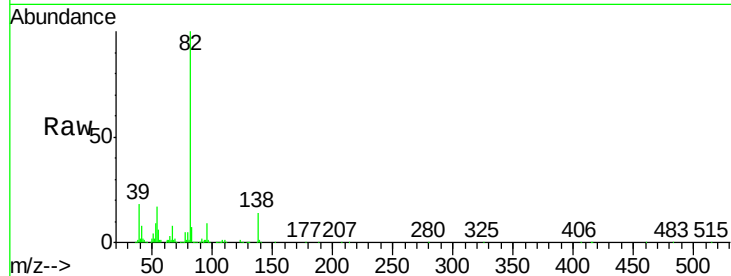
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	82	Resp:	790552
Ion Ratio		Lower	Upper
82	100		
95	9.0	6.2	9.2
138	14.4	12.1	18.1

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#26

2-Nitrophenol

Concen: 45.996 ng

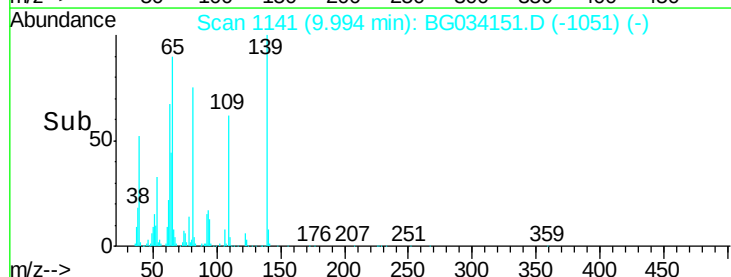
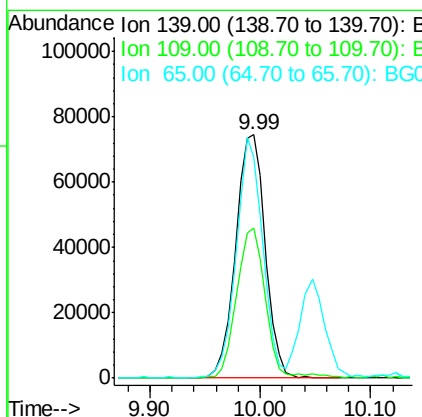
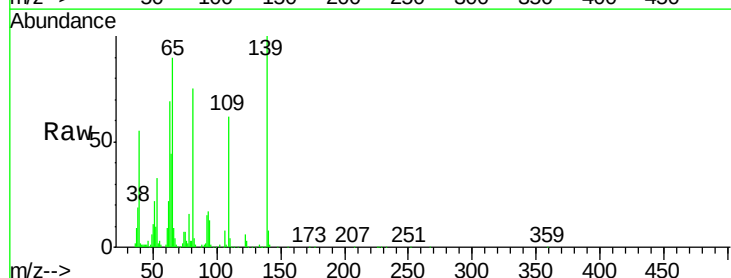
RT: 9.99 min Scan# 1141

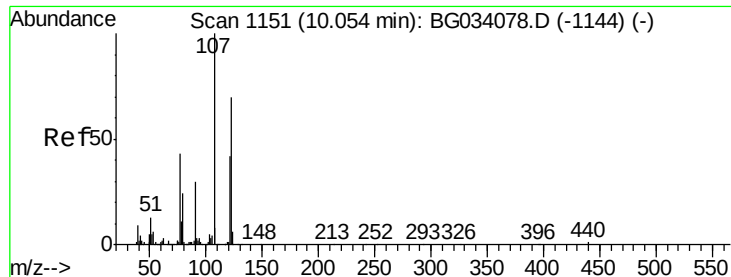
Delta R.T. -0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	139	Resp:	139704
Ion Ratio		Lower	Upper
139	100		
109	61.8	24.2	36.2#
65	90.5	47.4	71.0#





#27

2,4-Dimethylphenol

Concen: 45.996 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

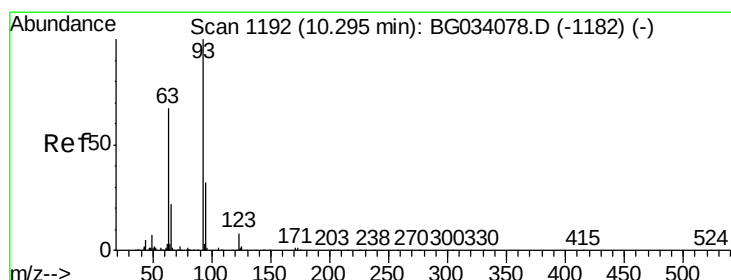
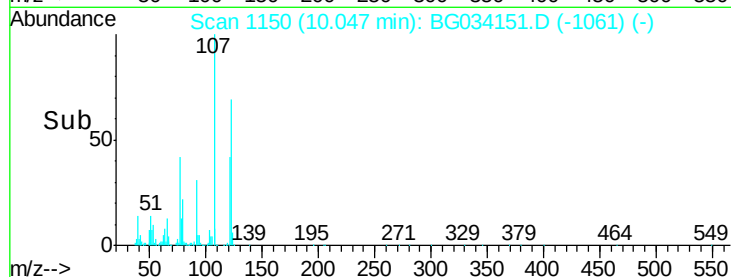
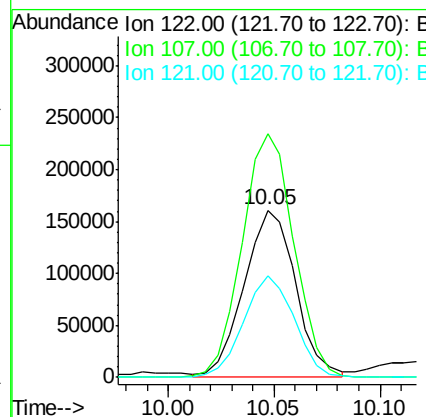
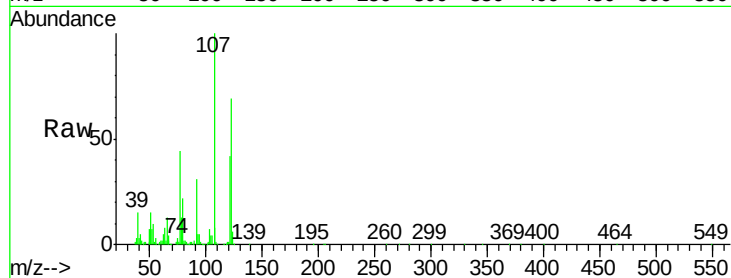
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	122	Resp:	270839
Ion Ratio	Lower	Upper	
122	100		
107	145.7	100.2	150.2
121	60.6	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 41.443 ng

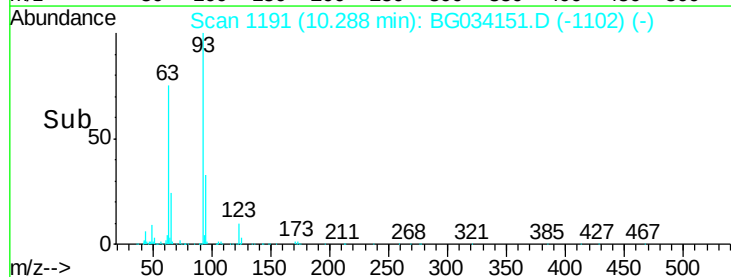
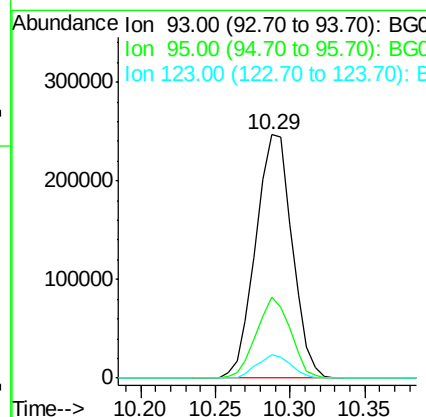
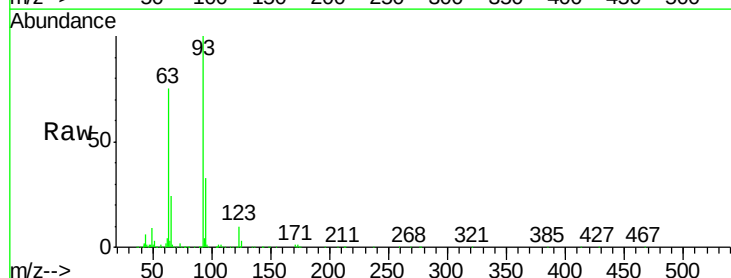
RT: 10.29 min Scan# 1191

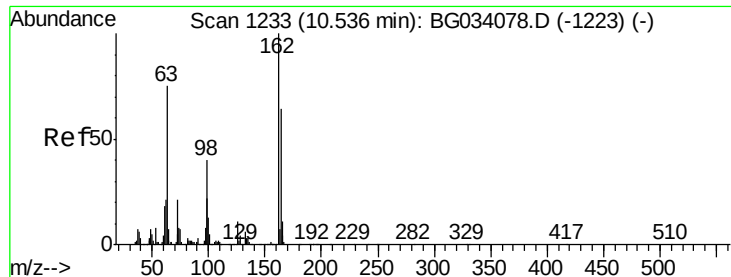
Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	93	Resp:	416246
Ion Ratio	Lower	Upper	
93	100		
95	33.5	24.3	36.5
123	9.7	8.4	12.6





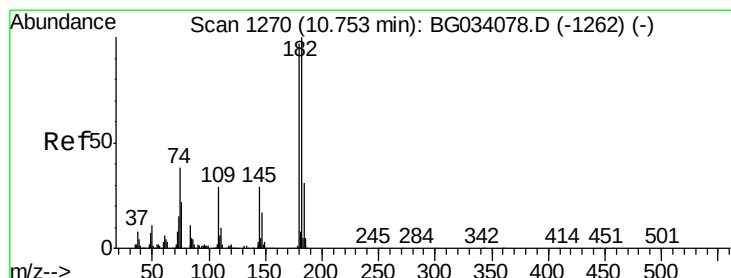
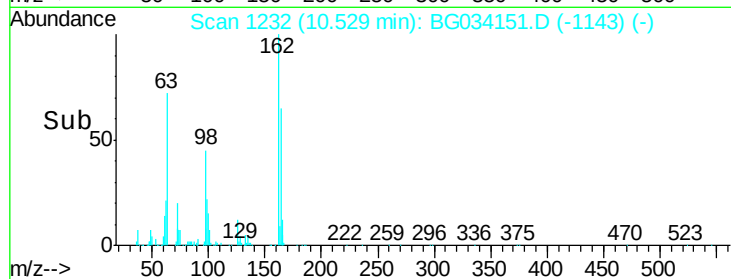
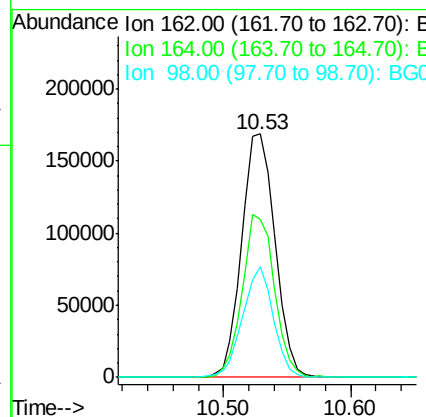
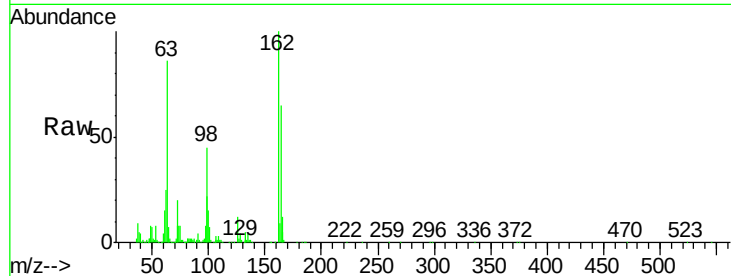
#29
 2,4-Dichlorophenol
 Concen: 43.869 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.0	88.0
98	45.4	21.1	61.1

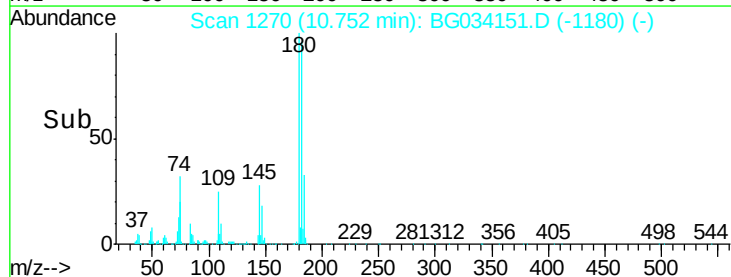
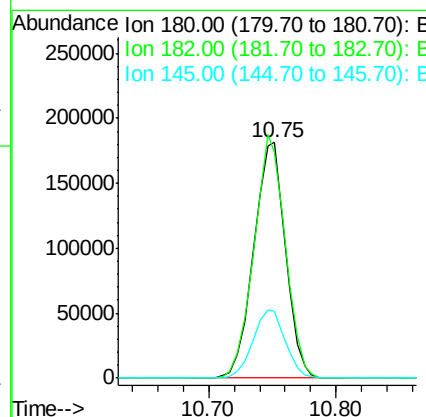
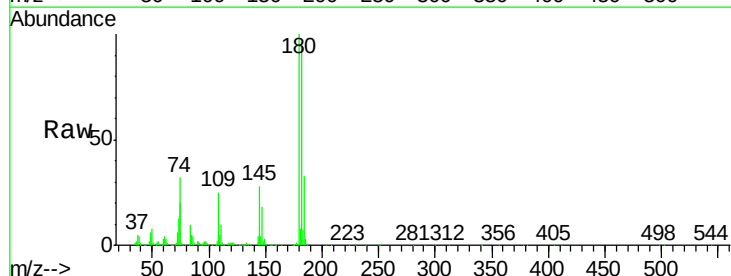
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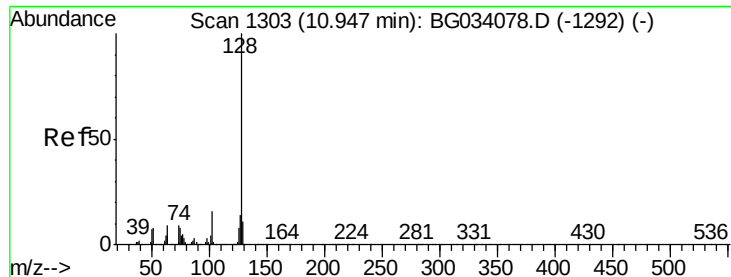
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.269 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.5	116.3
145	28.4	23.4	35.2





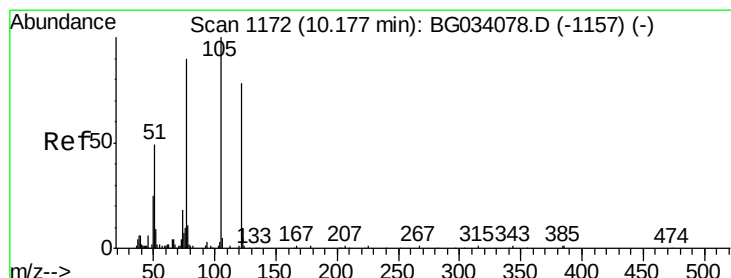
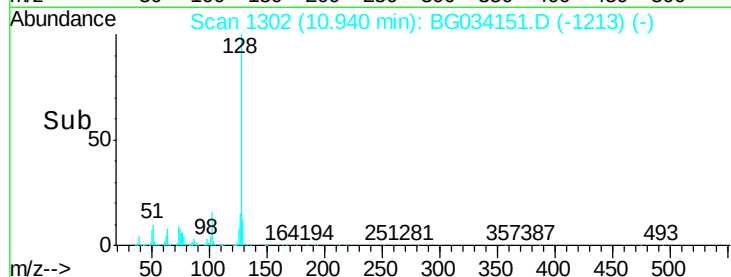
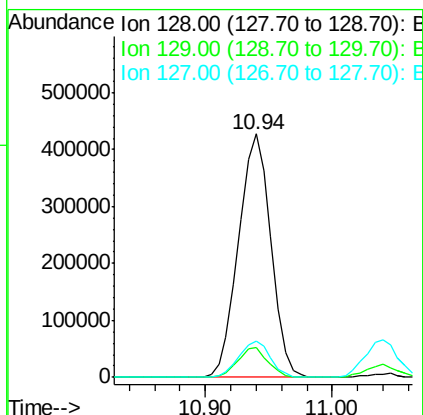
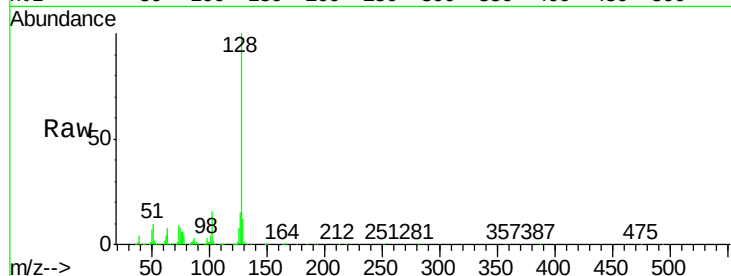
#31
Naphthalene
Concen: 37.390 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	12.8
127	14.7	11.6	17.4

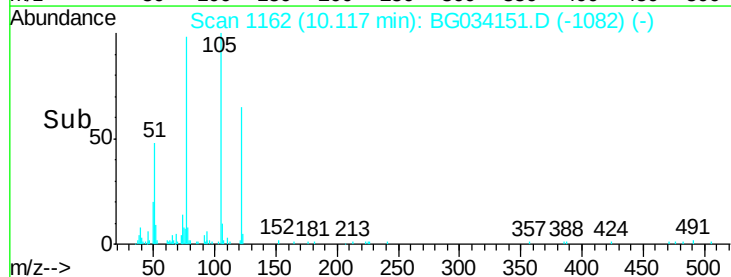
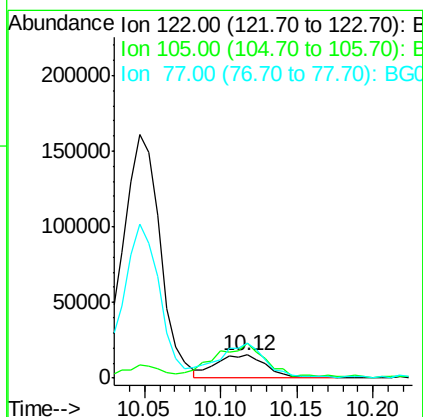
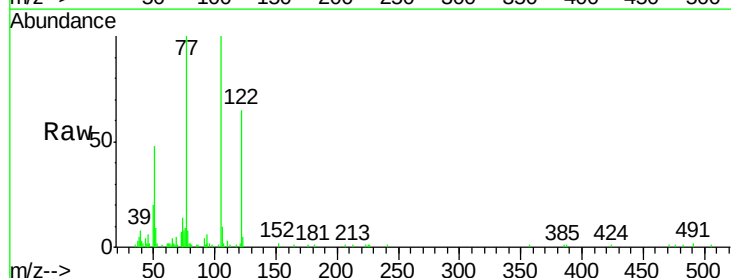
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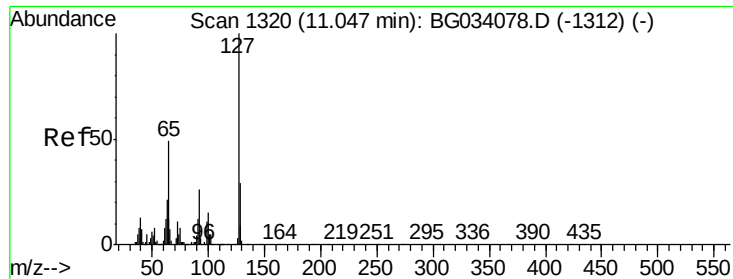
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#32
Benzoic acid
Concen: 10.176 ng m
RT: 10.12 min Scan# 1162
Delta R.T. -0.06 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	152.7	123.5	163.5
77	152.7	85.7	125.7#





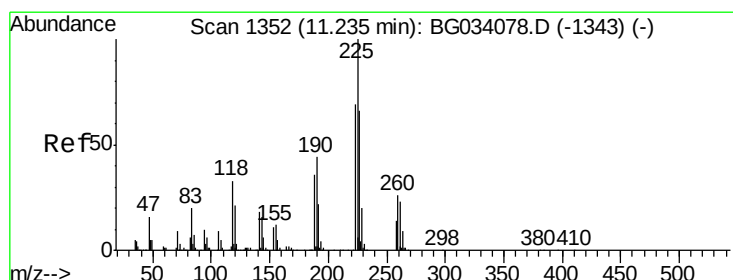
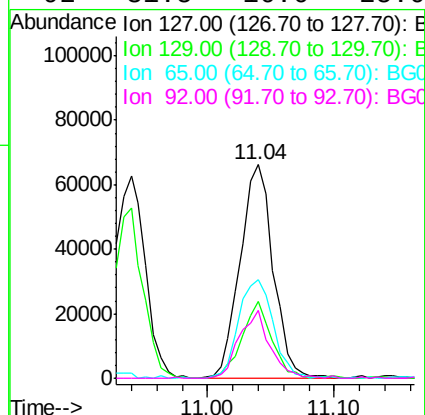
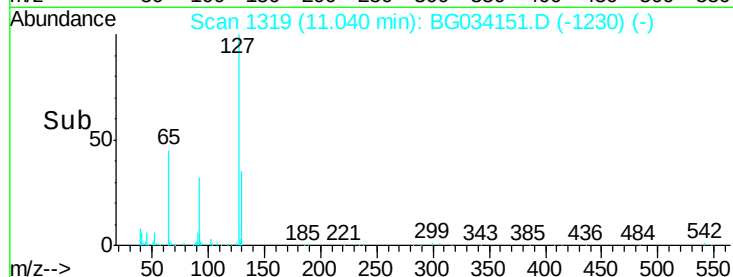
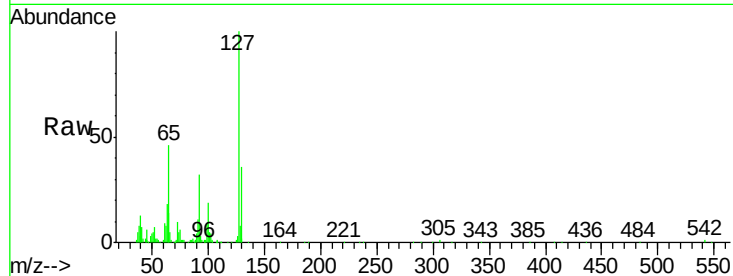
#33
4-Chloroaniline
Concen: 13.175 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	36.0	24.0	36.0	
65	46.2	27.0	40.4	
92	31.5	16.6	25.0	

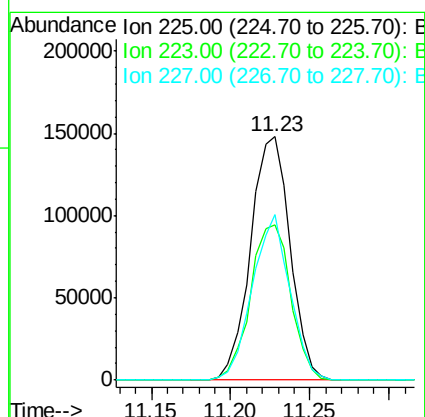
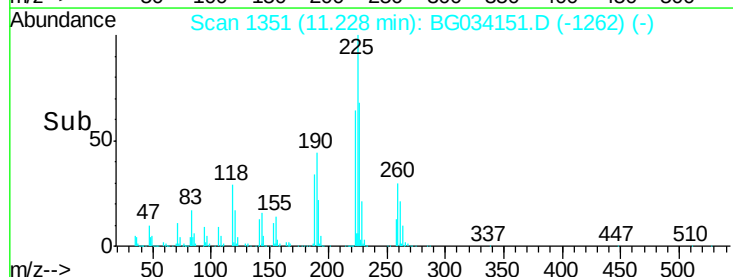
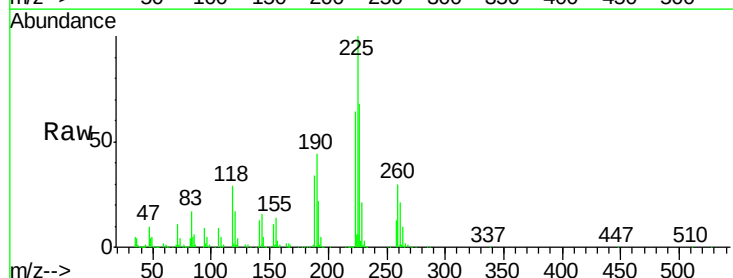
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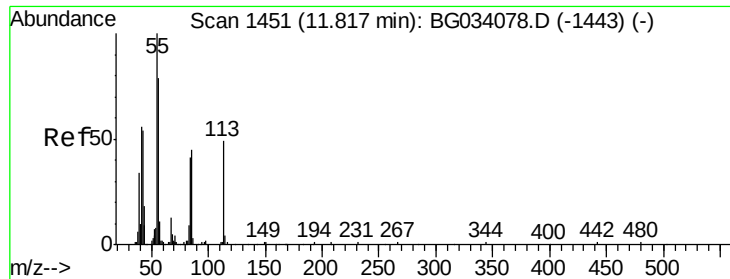
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#34
Hexachlorobutadiene
Concen: 35.674 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	49.7	74.5	
227	67.8	48.1	72.1	





#35

Caprolactam

Concen: 46.003 ng/ml

RT: 11.82 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

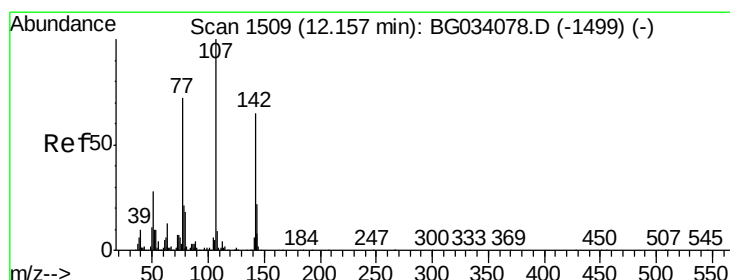
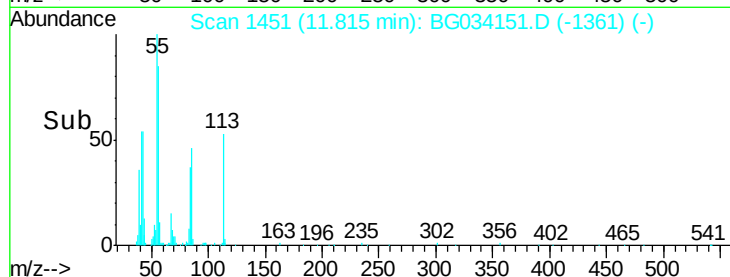
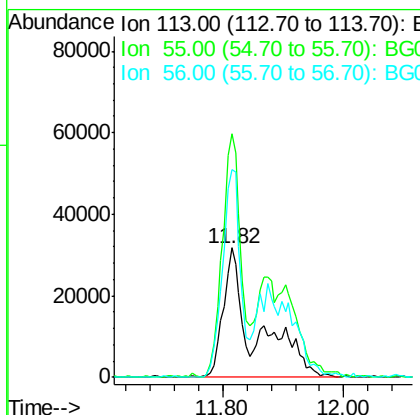
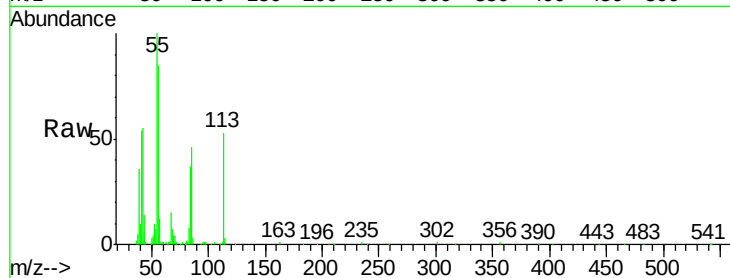
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	113	Resp:	115006
Ion Ratio	Lower	Upper	
113	100		
55	188.0	186.9	226.9
56	160.0	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 43.222 ng/ml

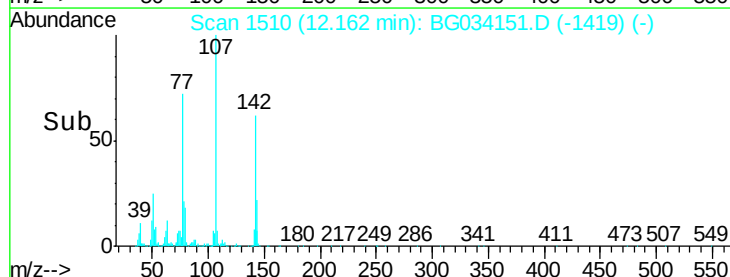
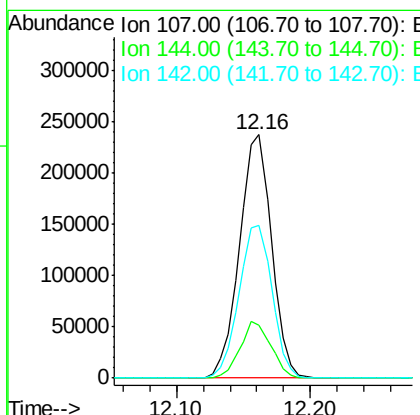
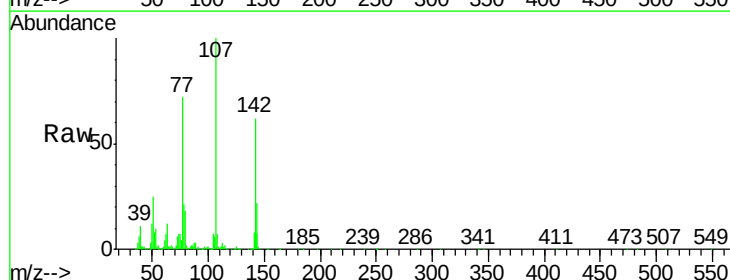
RT: 12.16 min Scan# 1510

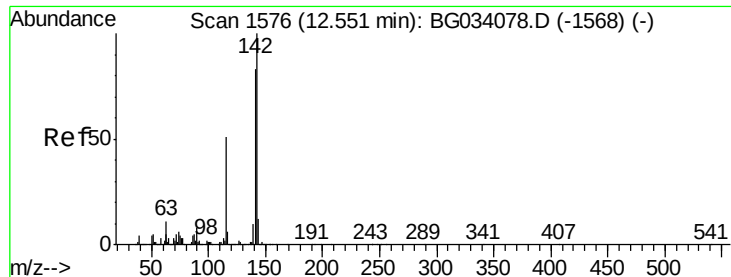
Delta R.T. 0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	107	Resp:	394458
Ion Ratio	Lower	Upper	
107	100		
144	21.7	18.2	27.4
142	62.5	59.0	88.4





#37

2-Methylnaphthalene

Concen: 38.375 ng

RT: 12.54 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

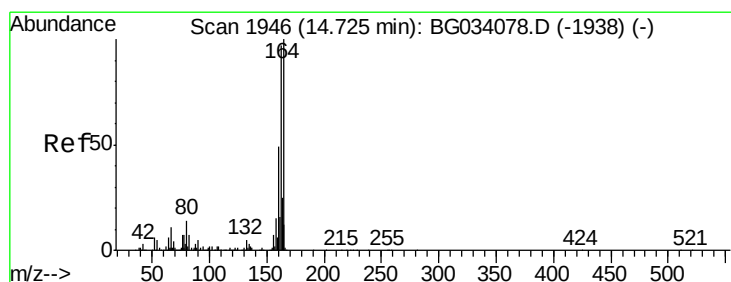
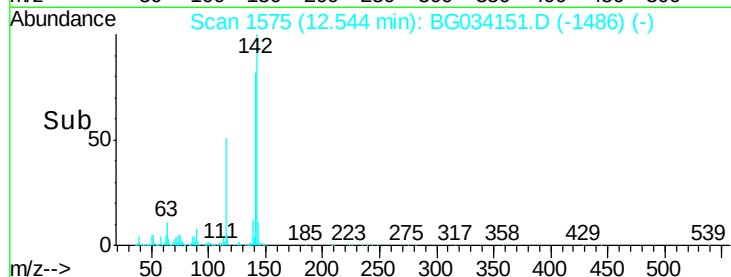
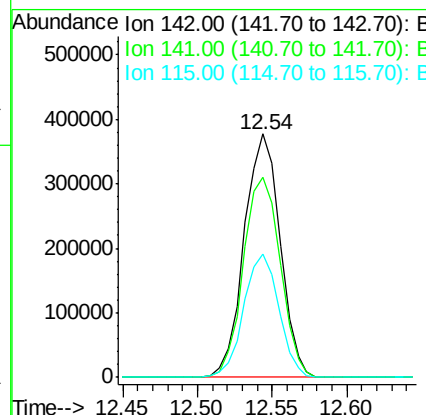
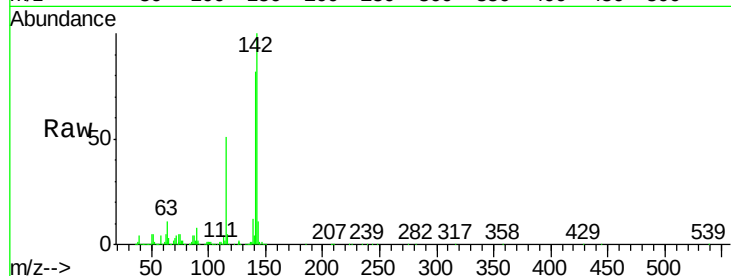
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	82.4	67.1	100.7
115	50.7	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

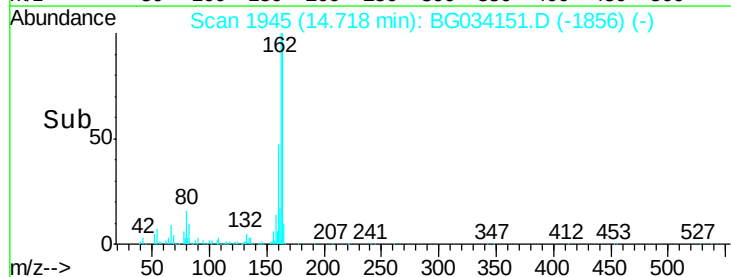
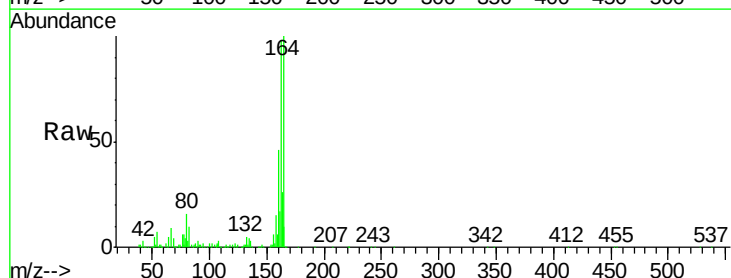
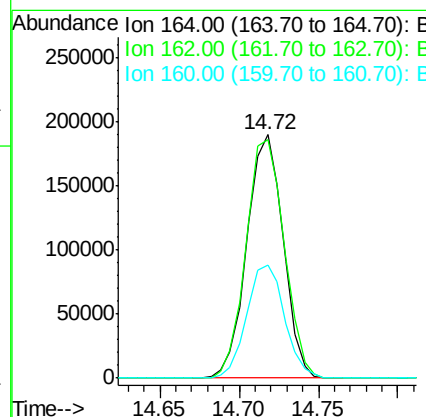
RT: 14.72 min Scan# 1945

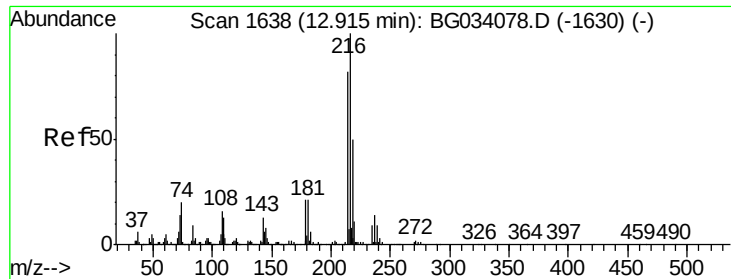
Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	46.4	35.4	53.0





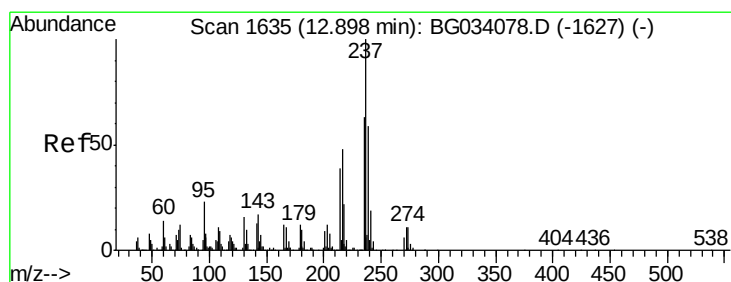
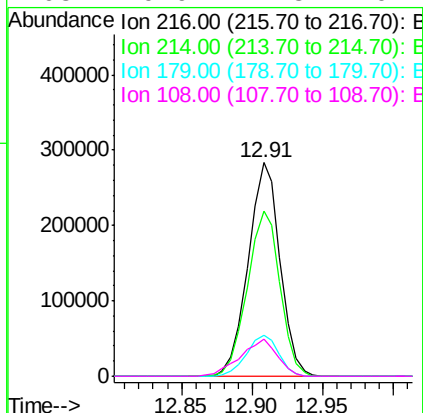
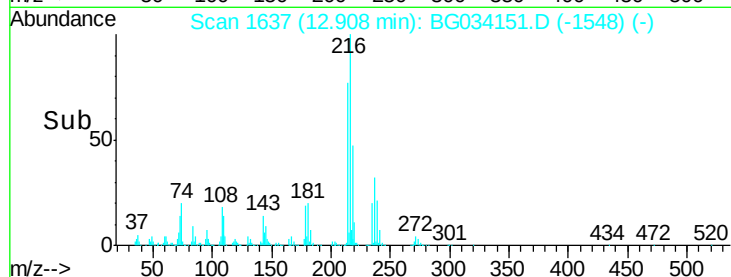
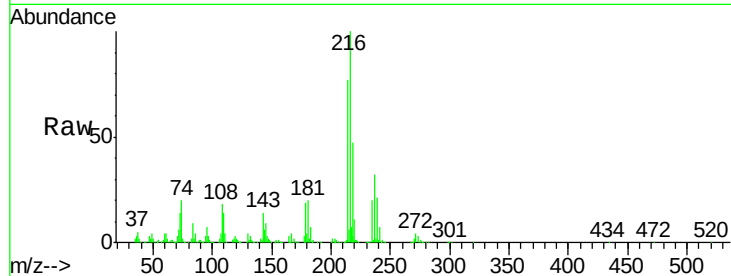
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.503 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	19.4	17.0	25.6
108	19.9	12.8	19.2

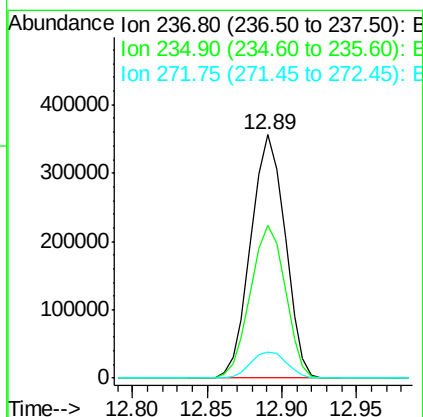
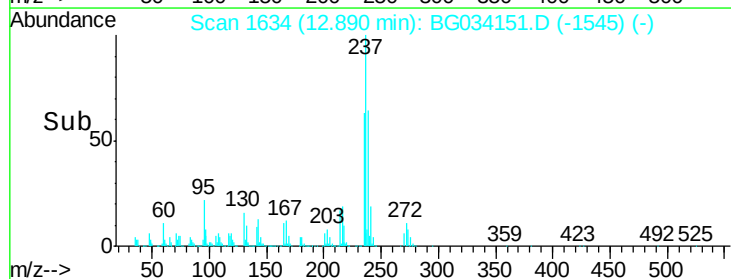
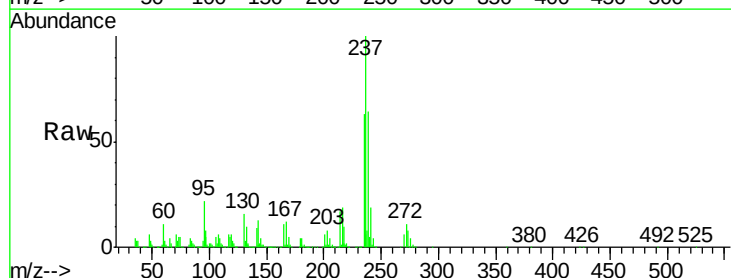
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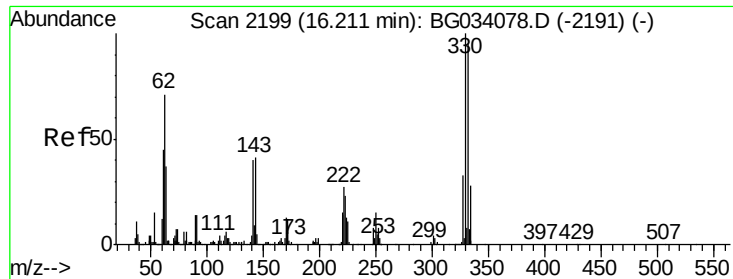
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#40
 Hexachlorocyclopentadiene
 Concen: 82.191 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	50.4	90.4
272	10.6	0.0	31.8





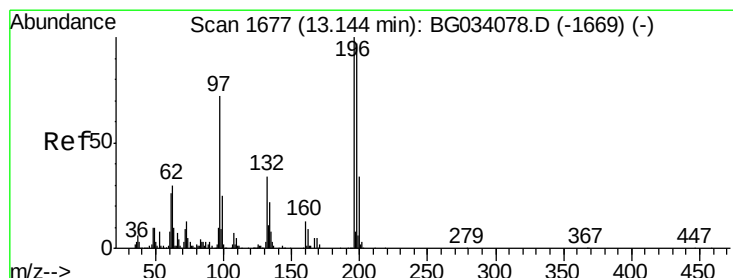
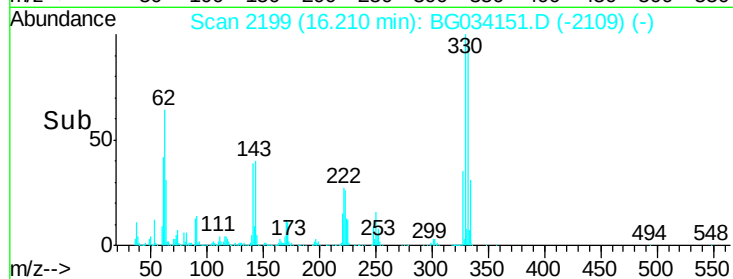
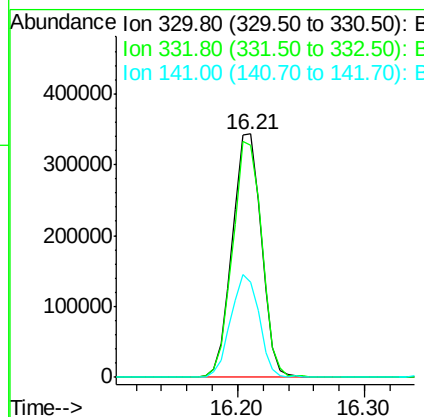
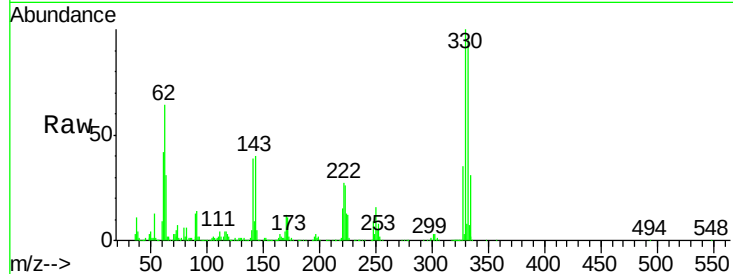
#41
 2,4,6-Tribromophenol
 Concen: 130.472 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	543383		
332	97.3	77.0	115.6	
141	41.4	25.2	37.8	

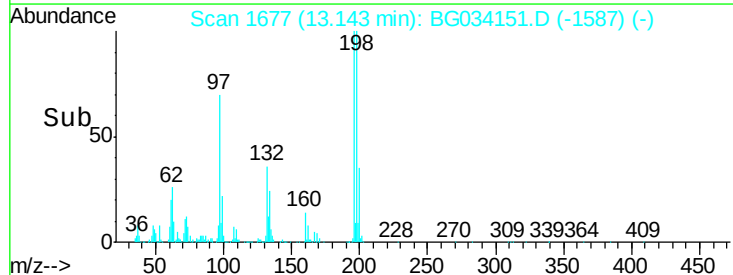
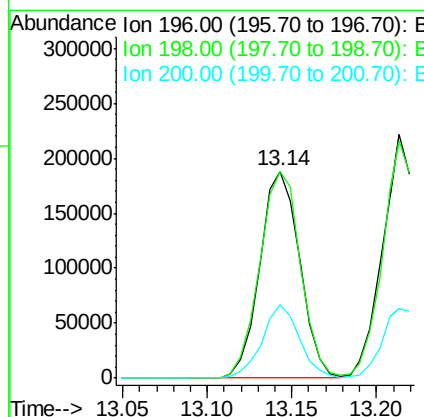
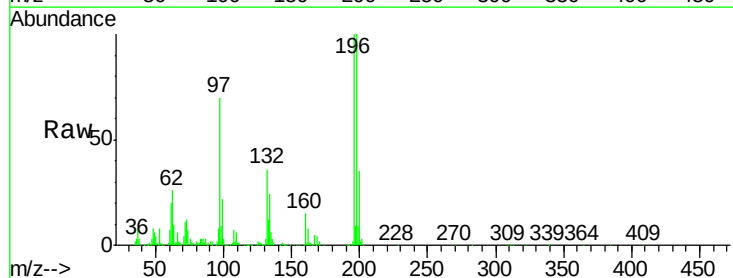
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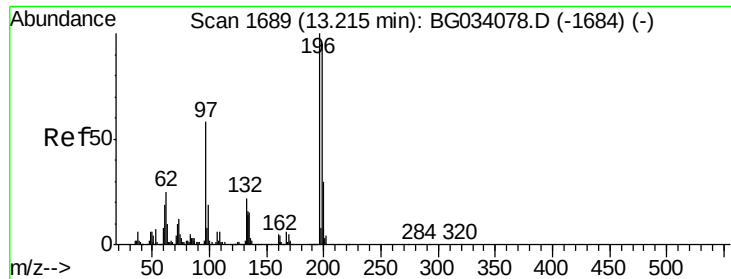
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#42
 2,4,6-Trichlorophenol
 Concen: 45.521 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307820		
198	100.1	78.2	117.2	
200	35.4	24.6	36.8	





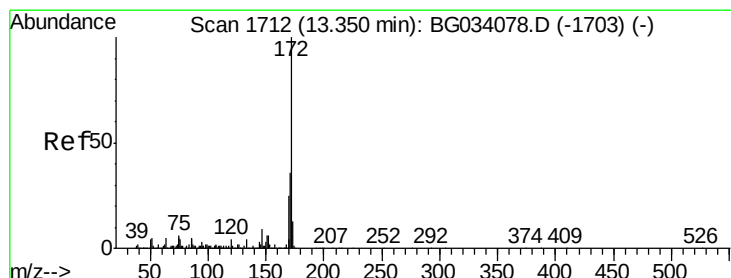
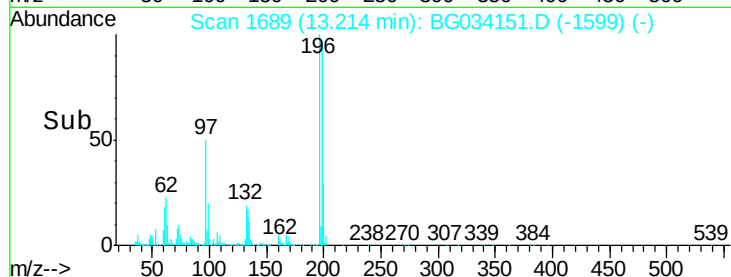
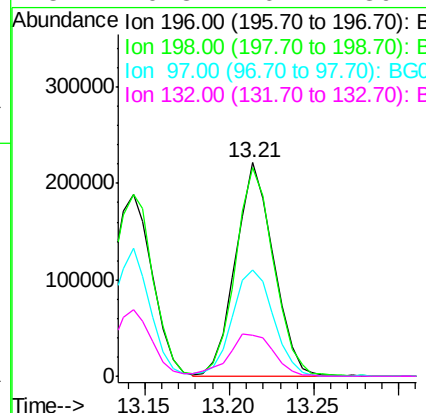
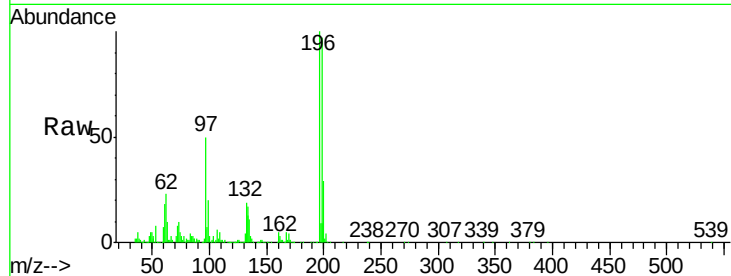
#43
 2,4,5-Trichlorophenol
 Concen: 46.289 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.2	114.4
97	50.0	38.7	58.1
132	19.3	20.2	30.2

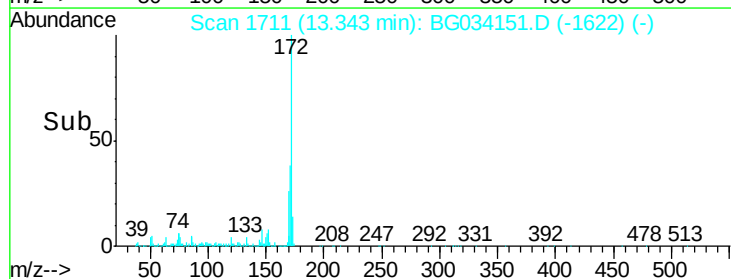
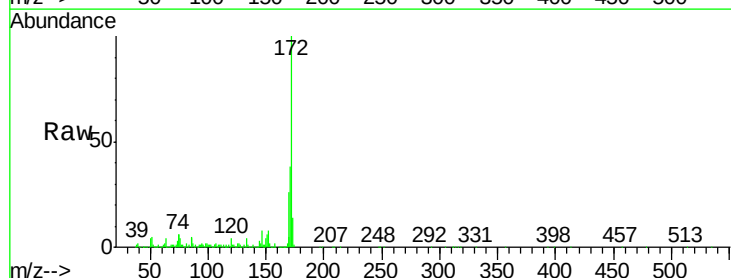
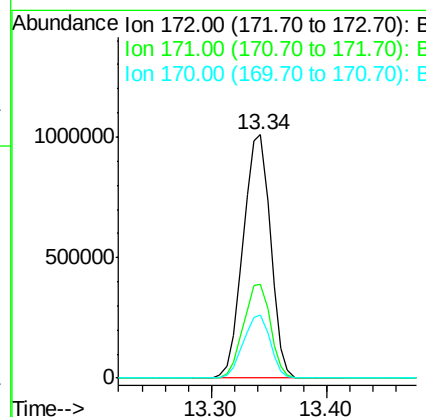
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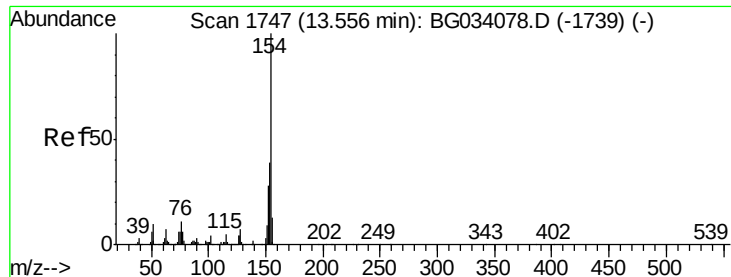
Sohil
 5/3/2018 6:25:34 PM



#44
 2-Fluorobiphenyl
 Concen: 80.262 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	26.1	19.5	29.3





#45

1,1'-Biphenyl

Concen: 37.794 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

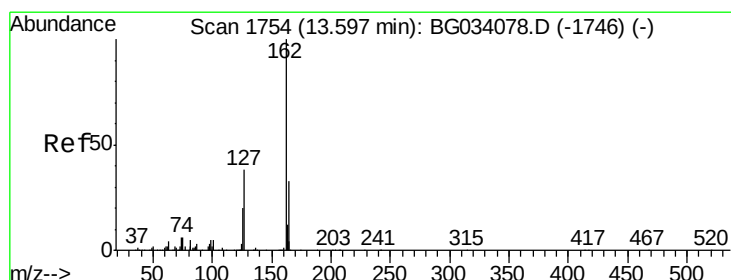
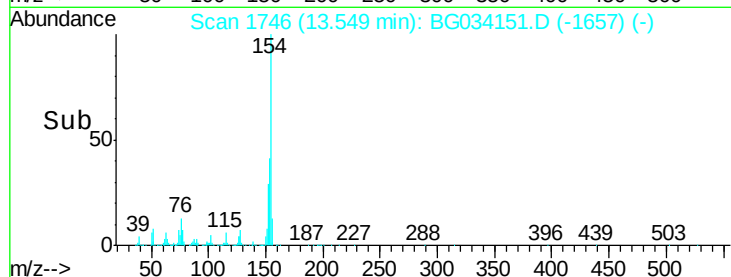
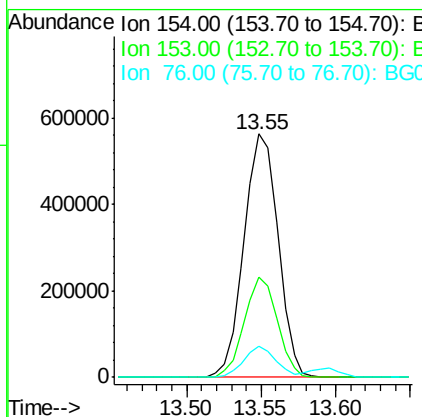
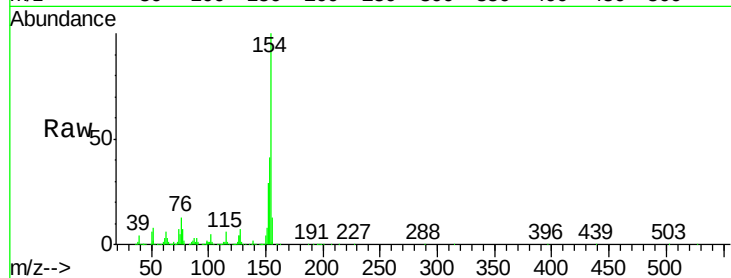
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	154	Resp:	888017
Ion Ratio	Lower	Upper	
154	100		
153	41.2	19.8	59.8
76	12.5	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 38.899 ng

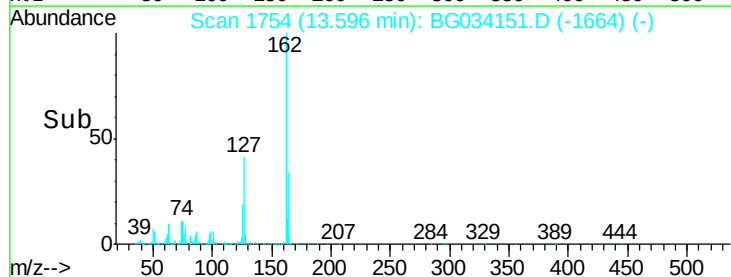
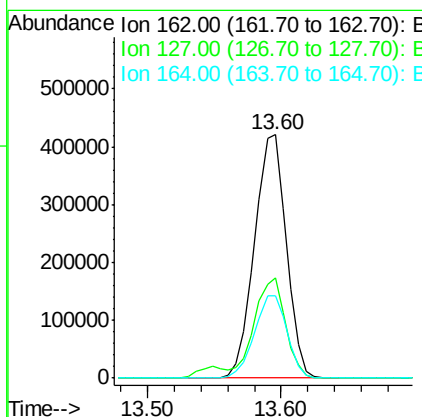
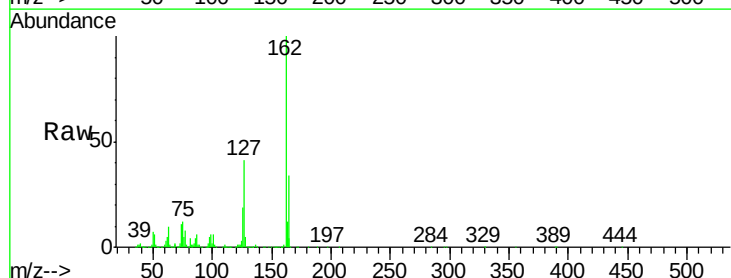
RT: 13.60 min Scan# 1754

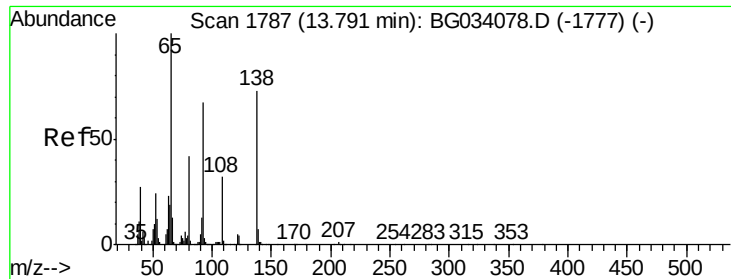
Delta R.T. -0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	162	Resp:	691944
Ion Ratio	Lower	Upper	
162	100		
127	41.4	30.7	46.1
164	33.9	26.0	39.0





#47

2-Nitroaniline

Concen: 44.501 ng

RT: 13.79 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

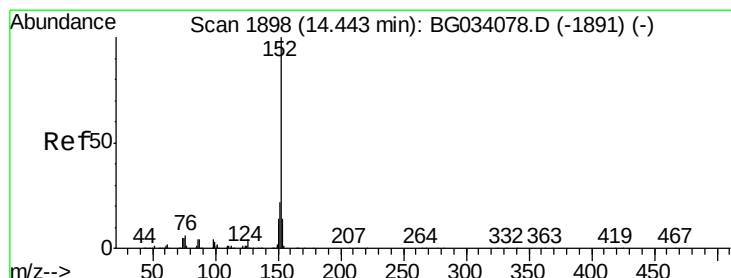
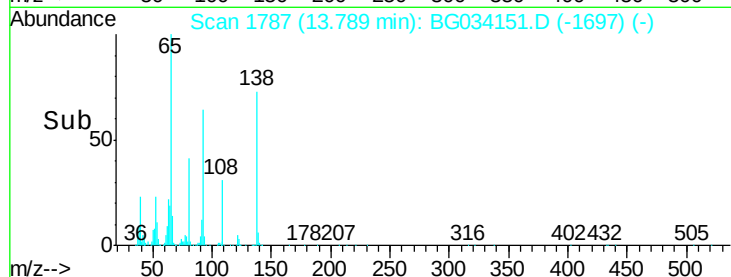
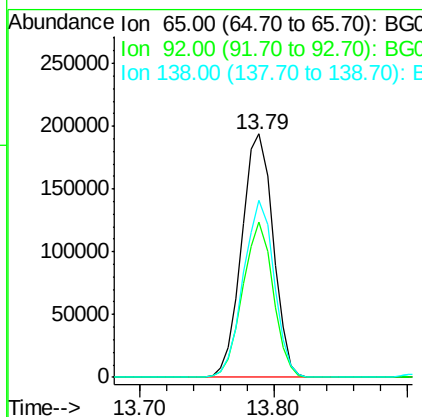
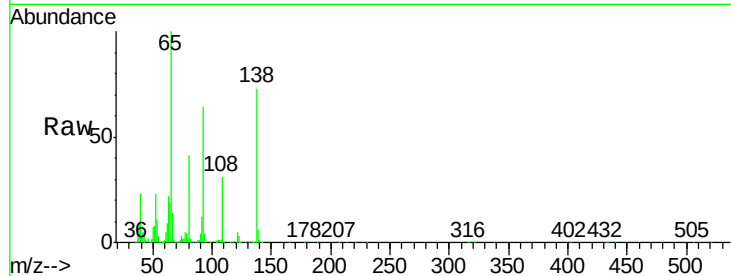
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.8	54.6	82.0
138	73.0	72.9	109.3

Manual Integrations
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5/3/2018 6:25:34 PM



#48

Acenaphthylene

Concen: 37.409 ng

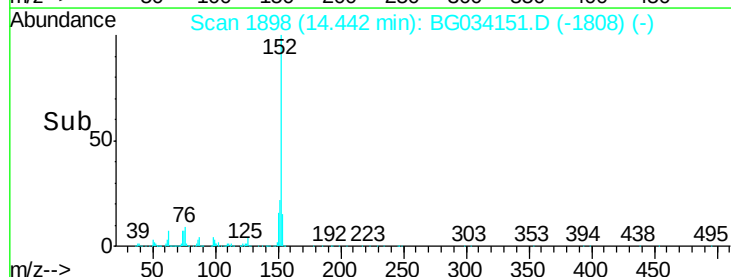
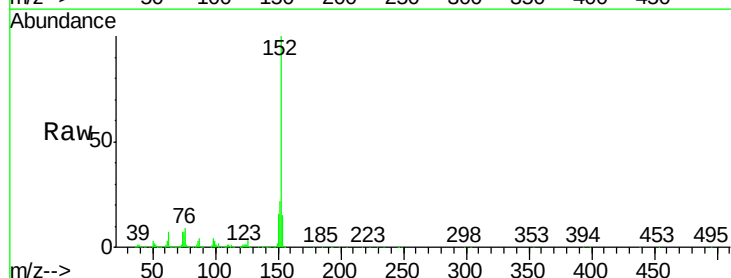
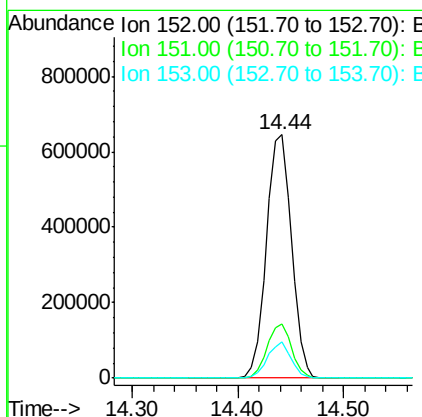
RT: 14.44 min Scan# 1898

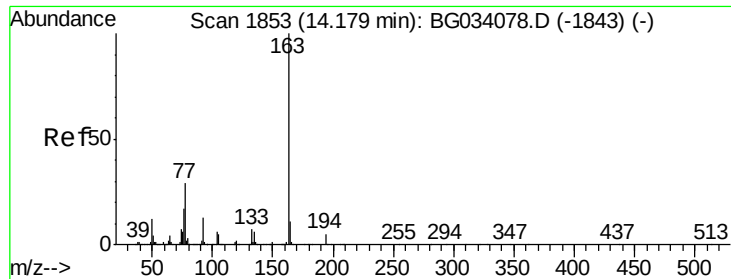
Delta R.T. -0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	14.9	10.2	15.4





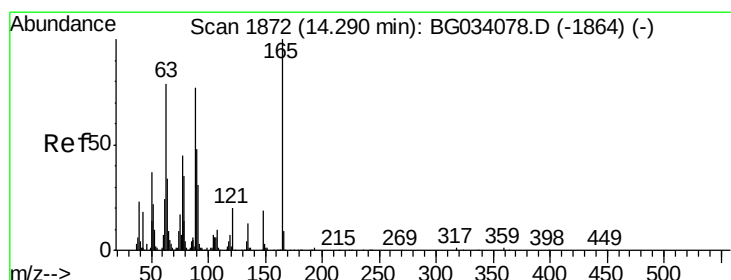
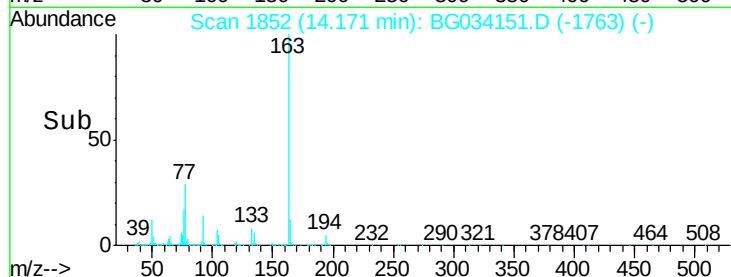
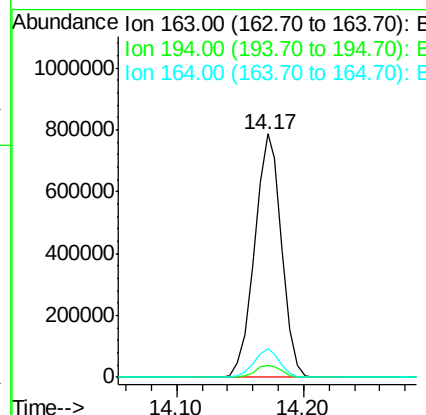
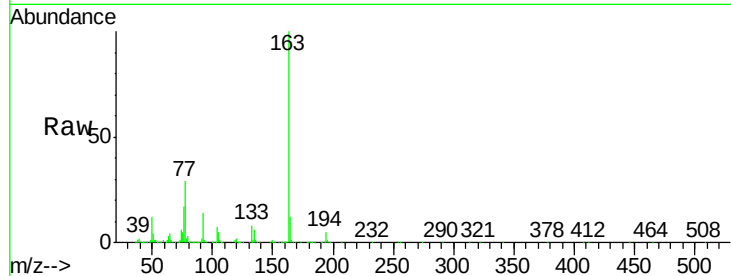
#49
Dimethylphthalate
Concen: 44.565 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	11.6	8.2	12.4

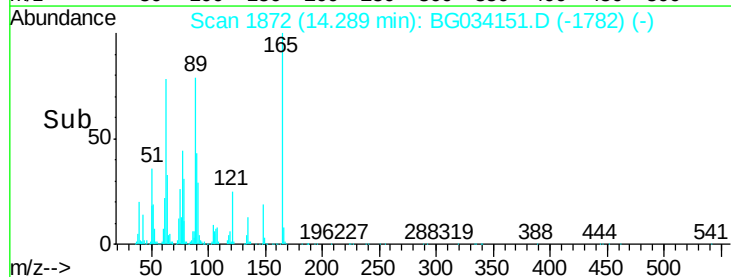
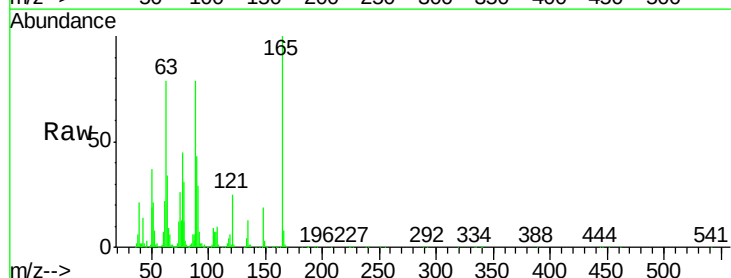
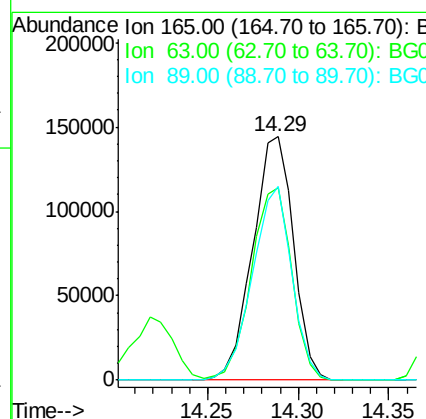
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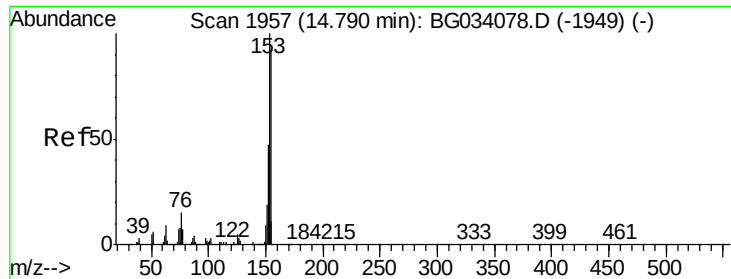
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.206 ng
RT: 14.29 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	79.1	52.7	79.1#
89	79.5	49.2	73.8#





#51

Acenaphthene

Concen: 40.752 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

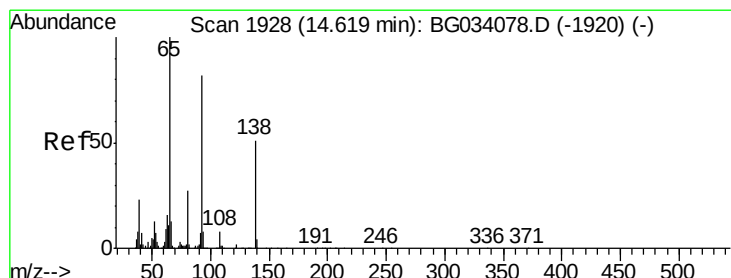
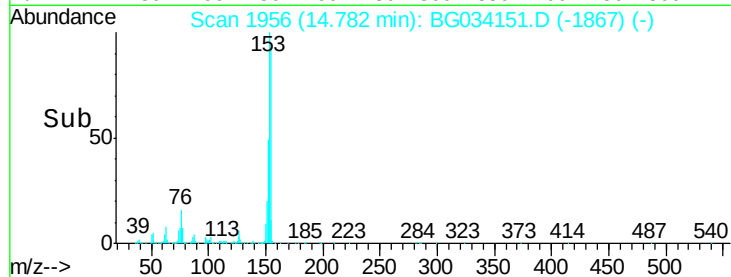
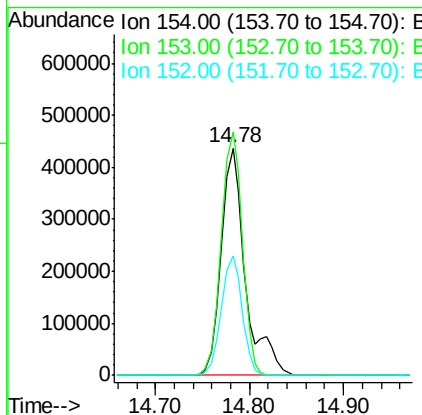
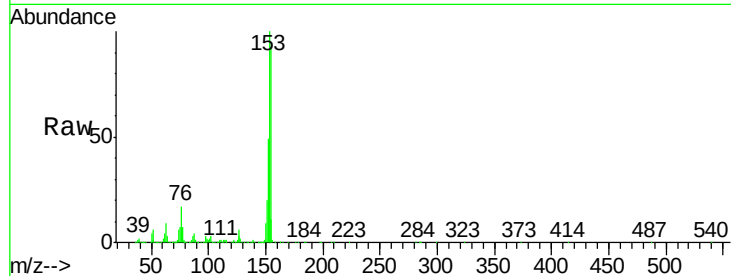
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	154	Resp:	786603
Ion Ratio	Lower	Upper	
154	100		
153	107.1	90.4	135.6
152	52.3	41.6	62.4

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#52

3-Nitroaniline

Concen: 24.459 ng

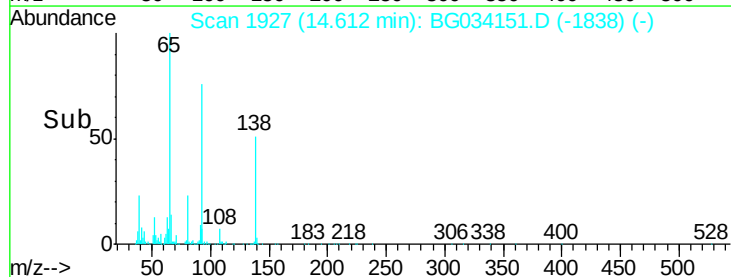
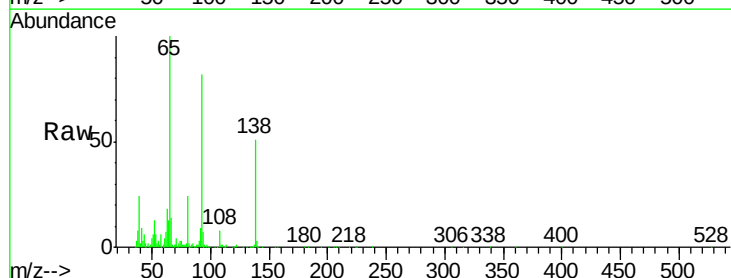
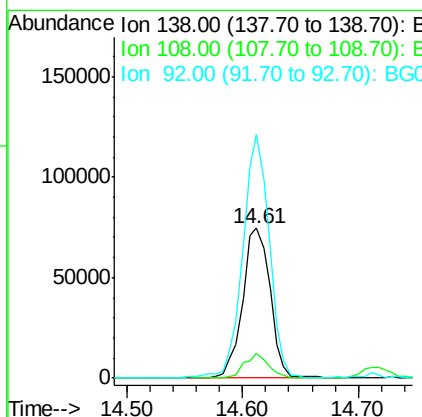
RT: 14.61 min Scan# 1927

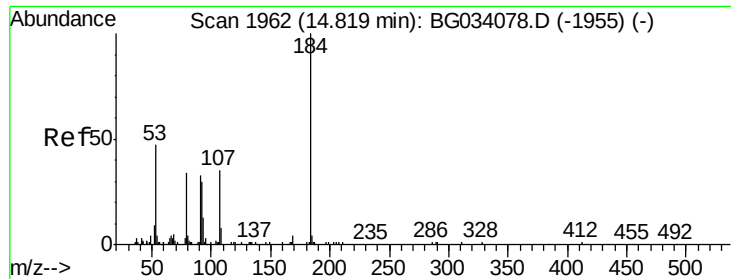
Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	138	Resp:	123485
Ion Ratio	Lower	Upper	
138	100		
108	16.2	17.5	26.3#
92	162.4	105.8	158.8#





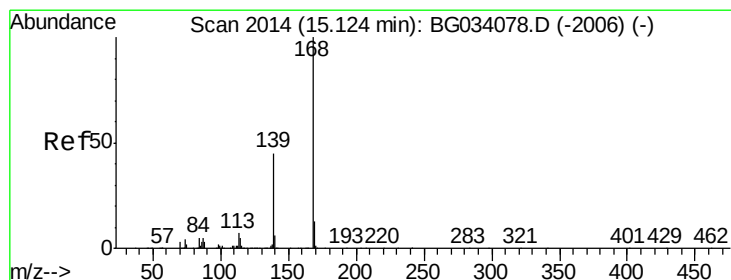
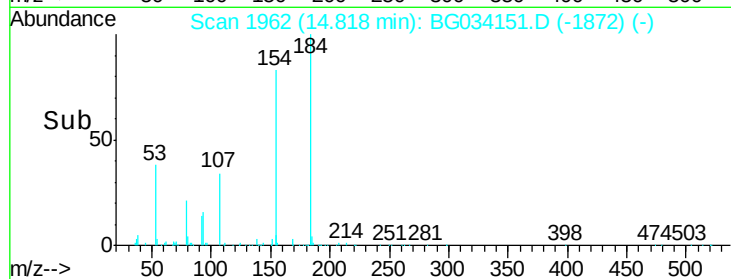
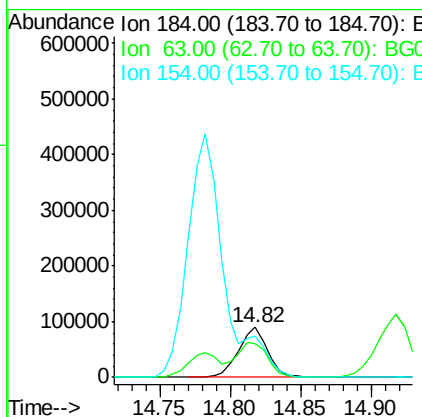
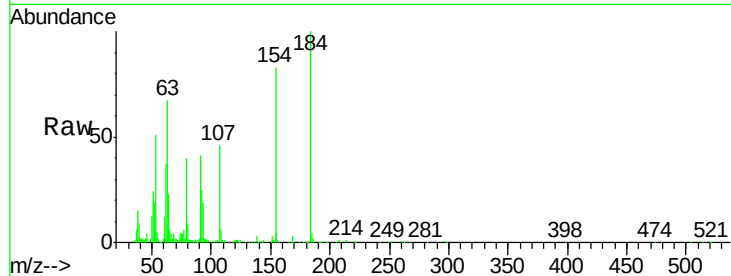
#53
2,4-Dinitrophenol
Concen: 65.767 ng
RT: 14.82 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.7	59.8	89.8
154	83.4	101.8	152.8#

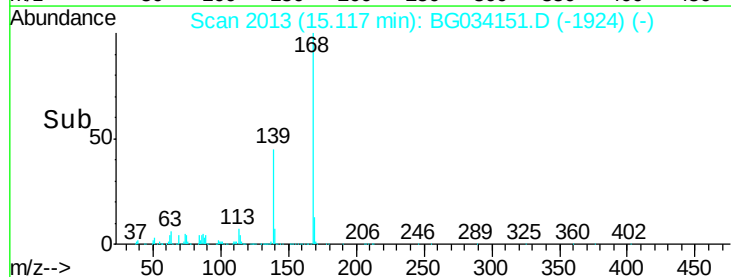
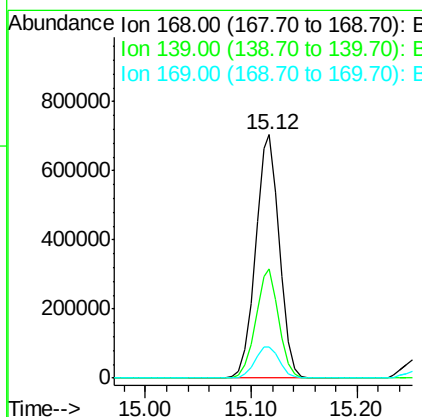
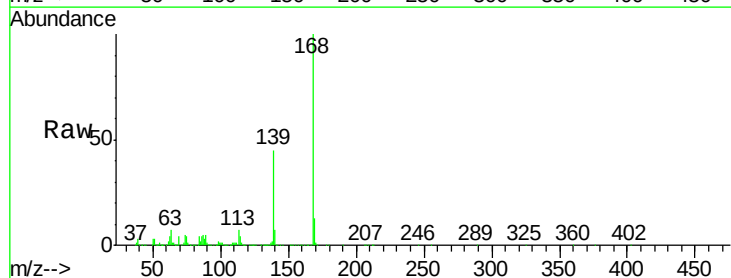
Manual Integrations
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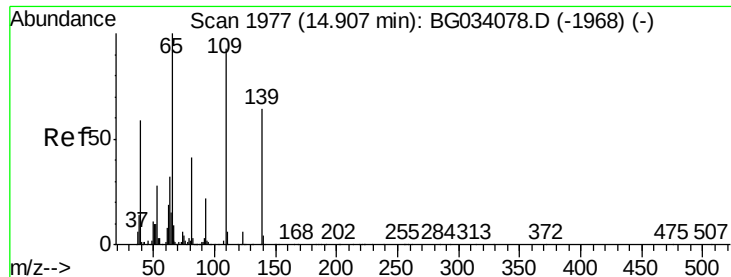
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#54
Dibenzofuran
Concen: 39.325 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.8	28.6	43.0#
169	12.8	11.2	16.8





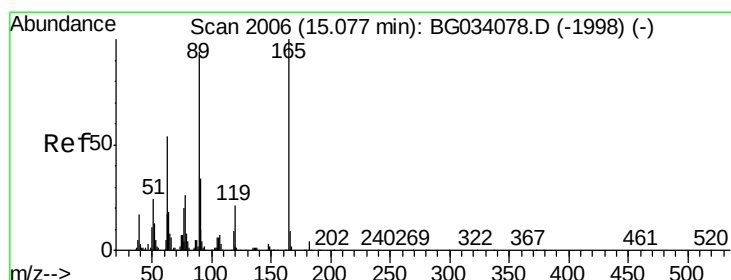
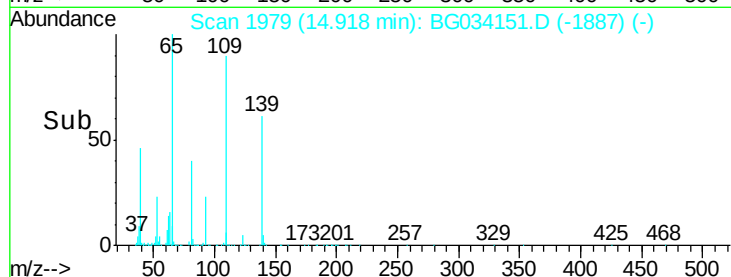
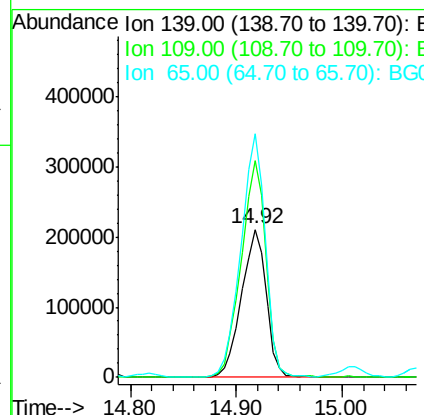
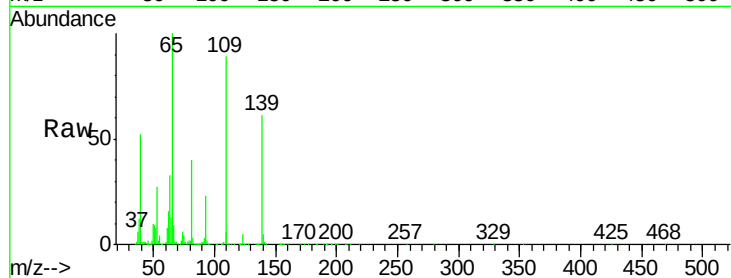
#55
4-Nitrophenol
Concen: 88.402 ng
RT: 14.92 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	146.8	62.2	102.2#	
65	164.7	97.2	137.2#	

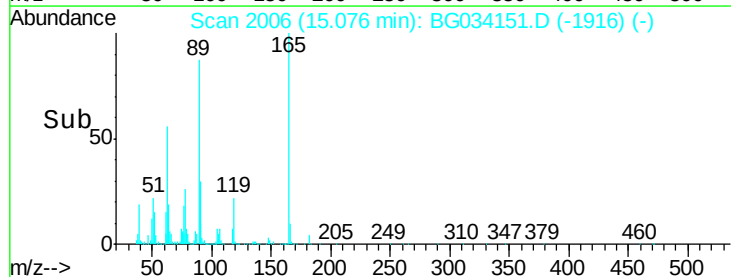
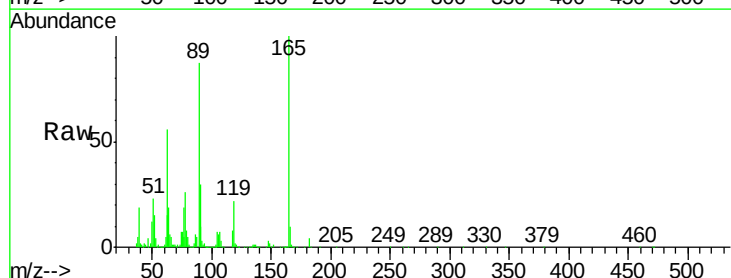
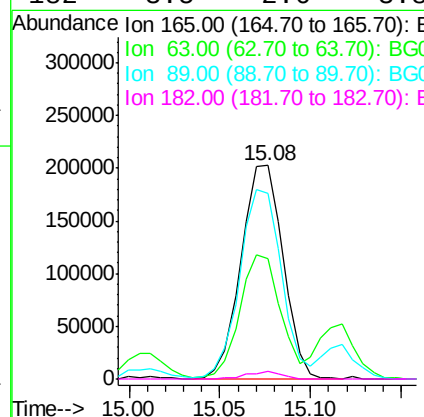
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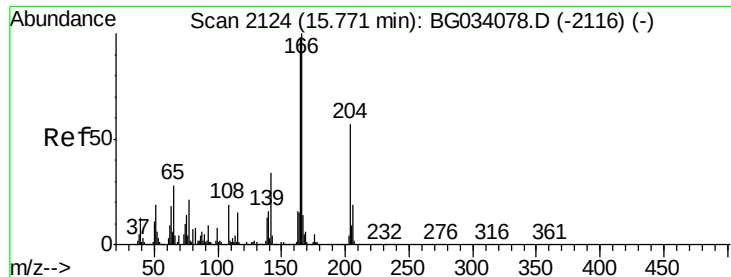
Sohil
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#56
2,4-Dinitrotoluene
Concen: 48.143 ng
RT: 15.08 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.4	42.0	63.0	
89	86.8	66.9	100.3	
182	3.5	2.6	3.8	





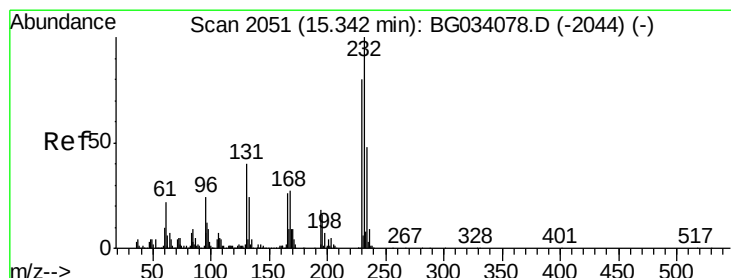
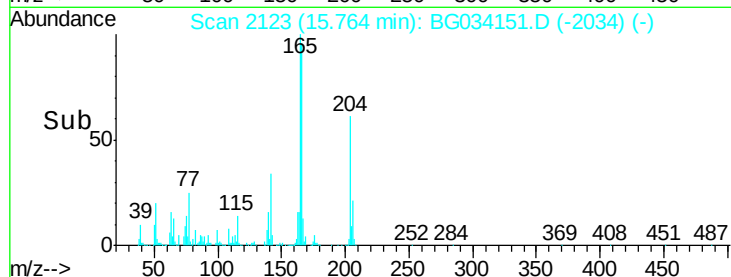
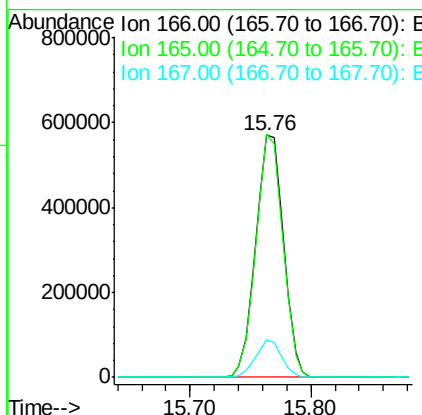
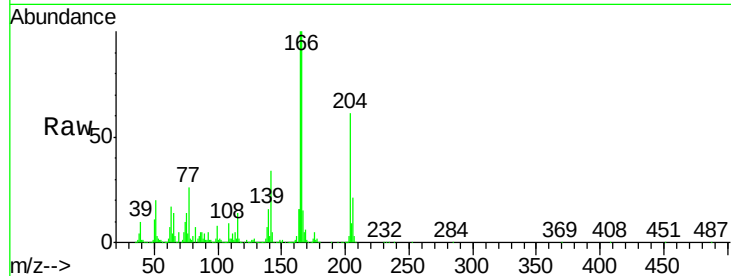
#57
 Fluorene
 Concen: 37.486 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.6	121.0
167	15.4	10.4	15.6

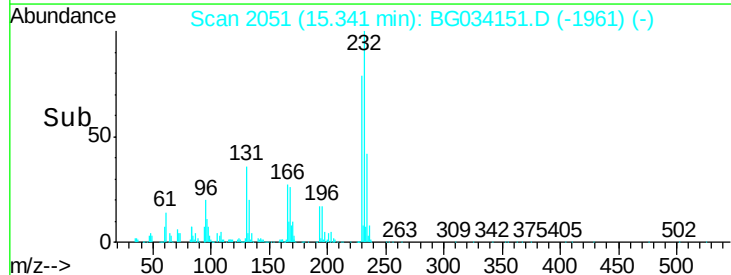
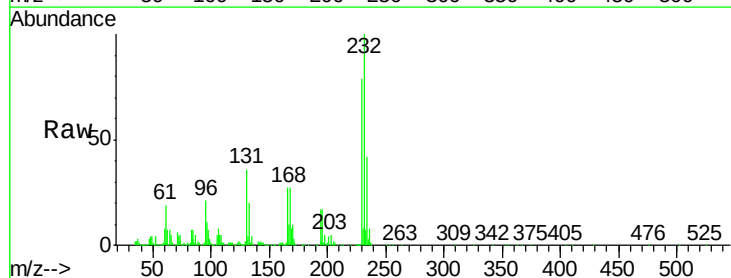
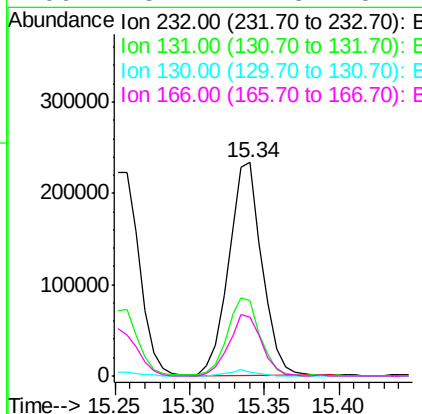
Manual Integrations
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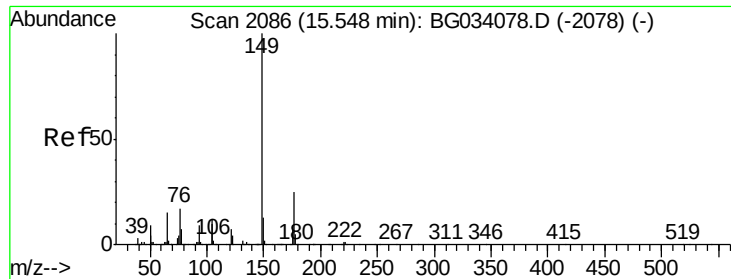
Sohil
 5/3/2018 6:25:34 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.695 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.5	33.5	50.3
130	2.4	2.2	3.2
166	28.1	24.8	37.2





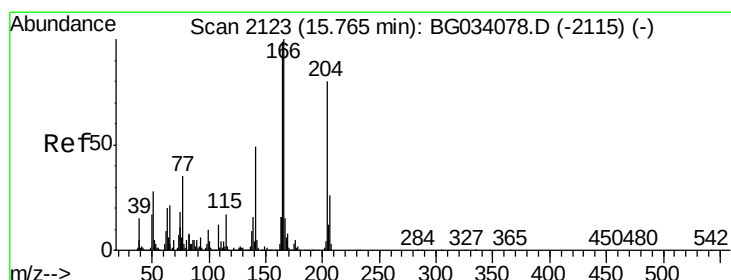
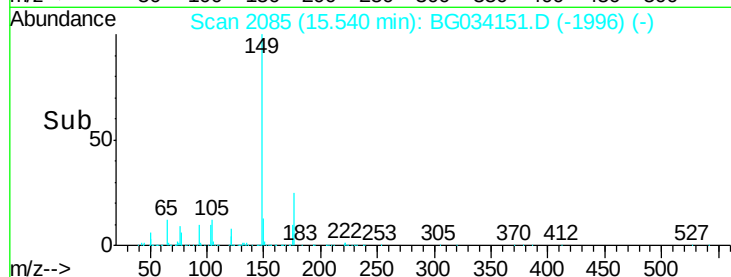
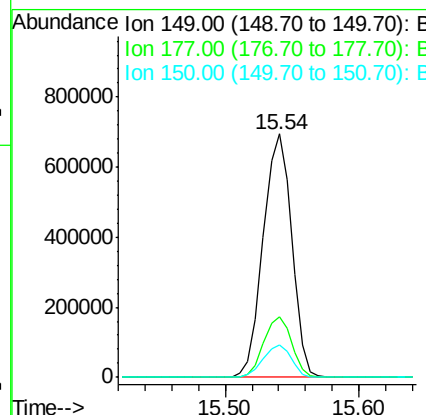
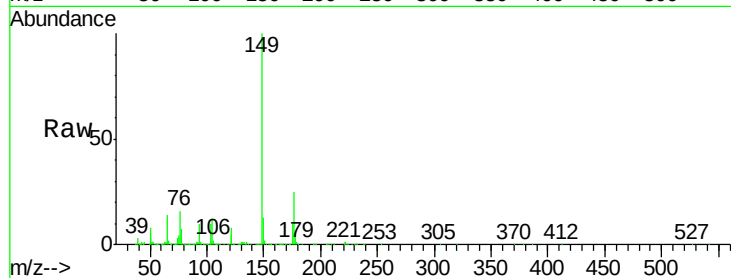
#59
Diethylphthalate
Concen: 37.135 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	18.5	27.7
150	13.2	10.2	15.2

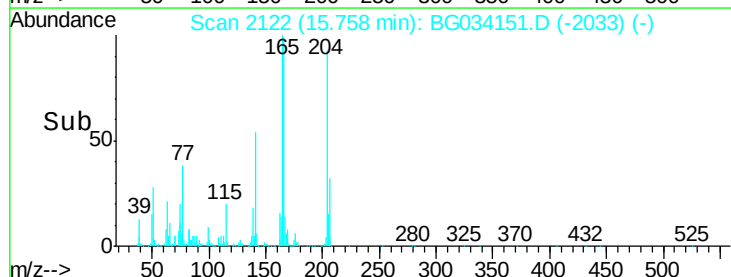
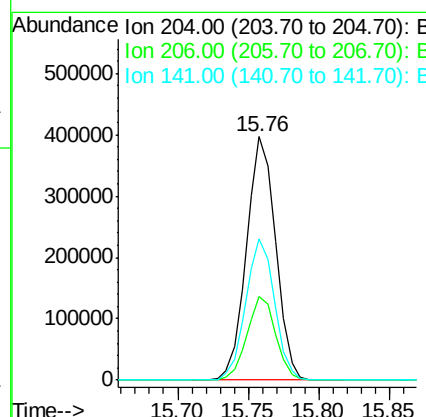
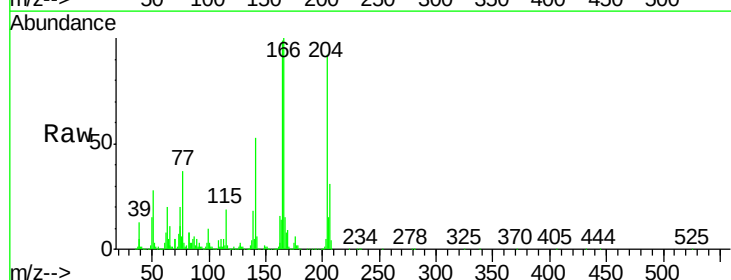
Manual Integrations
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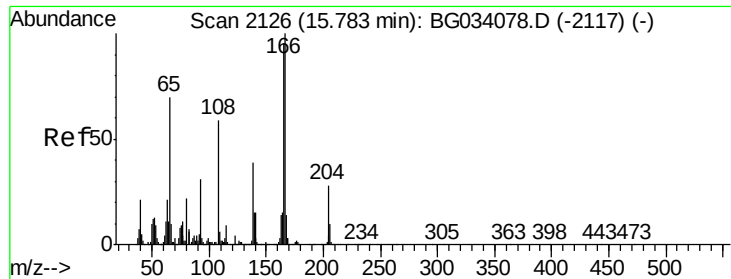
Sohil
5/3/2018 6:25:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.530 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	58.0	45.8	68.6





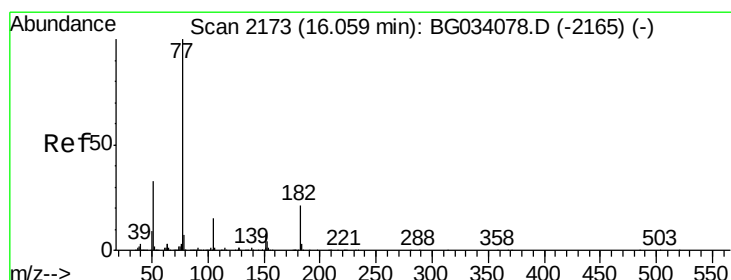
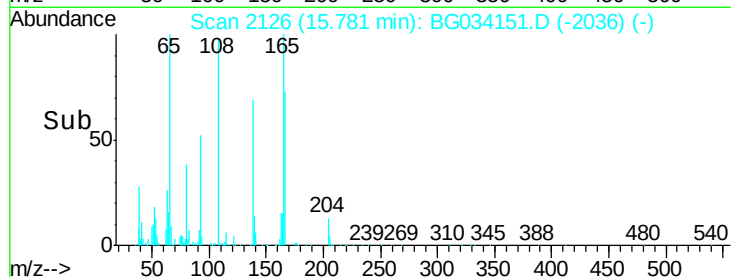
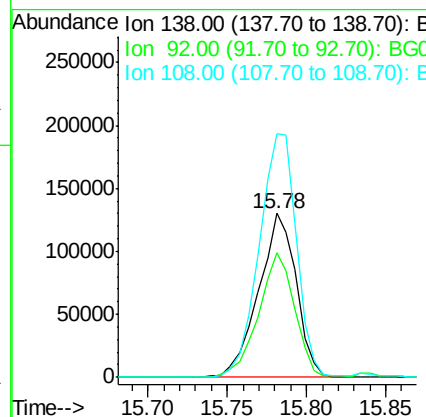
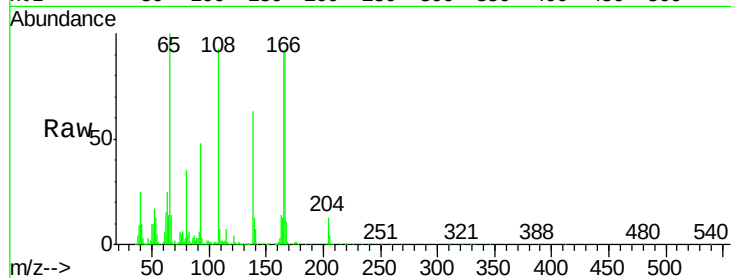
#61
4-Nitroaniline
Concen: 40.019 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	76.0	40.1	80.1
108	148.8	65.4	105.4

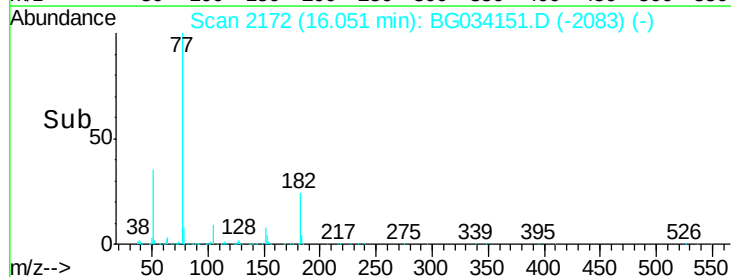
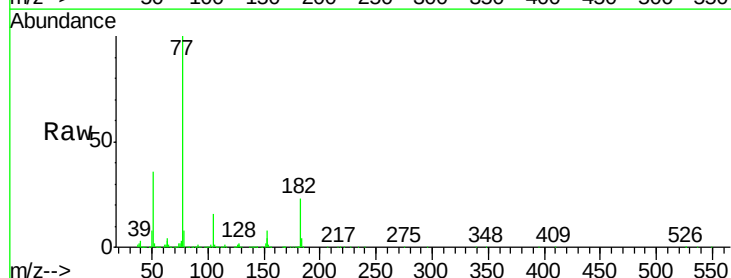
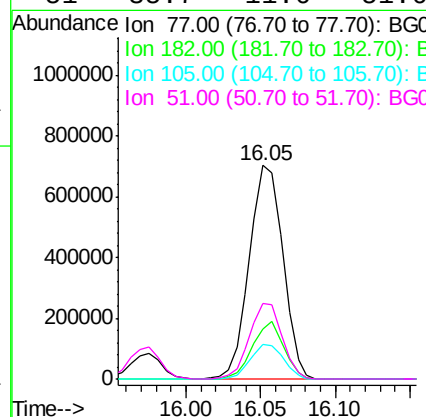
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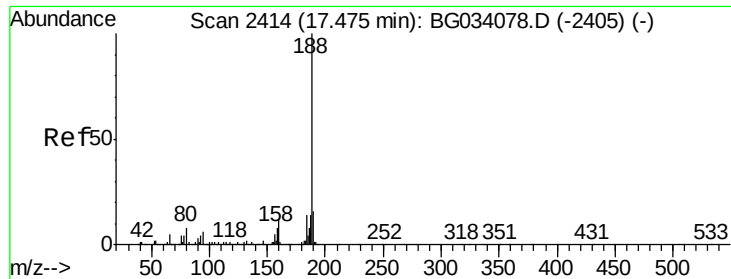
Sohil
5/3/2018 6:25:34 PM



#62
Azobenzene
Concen: 36.662 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	7.4	47.4
105	16.1	0.3	40.3
51	35.7	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

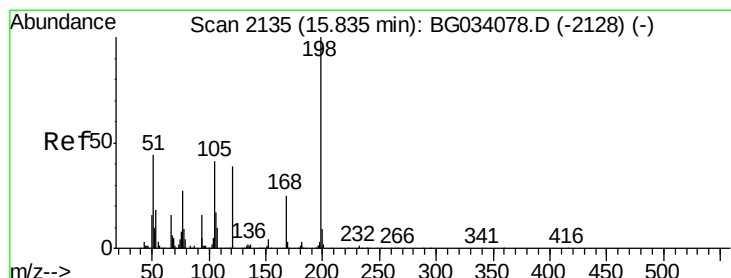
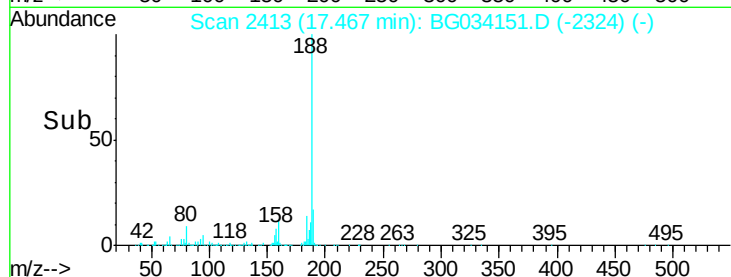
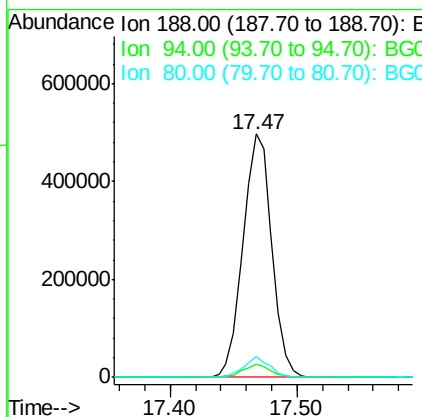
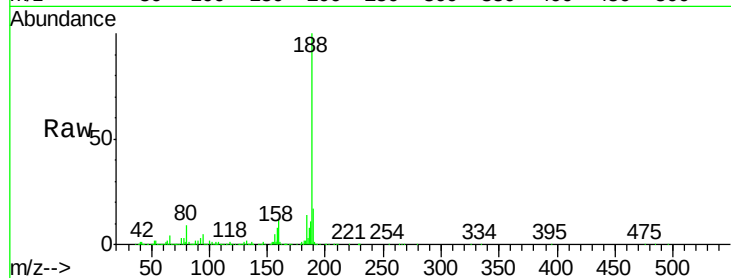
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	188	Resp:	780233
Ion Ratio	Lower	Upper	
188	100		
94	5.4	6.9	10.3#
80	8.6	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.391 ng

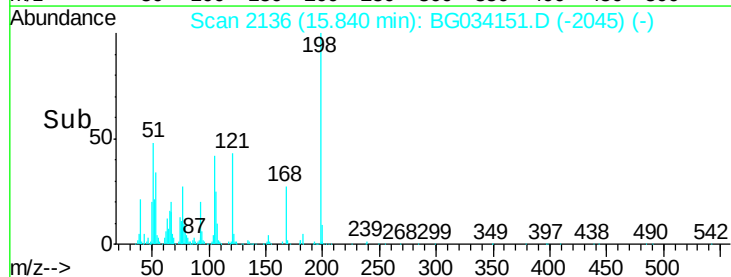
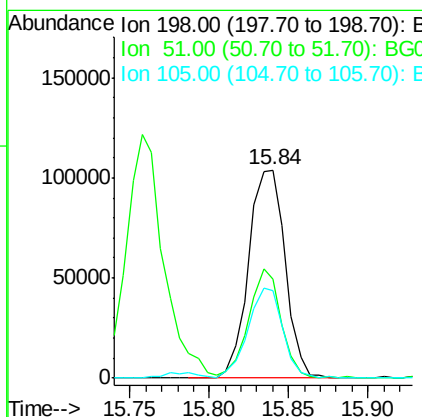
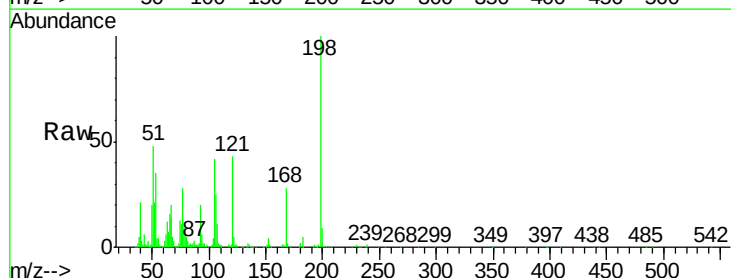
RT: 15.84 min Scan# 2136

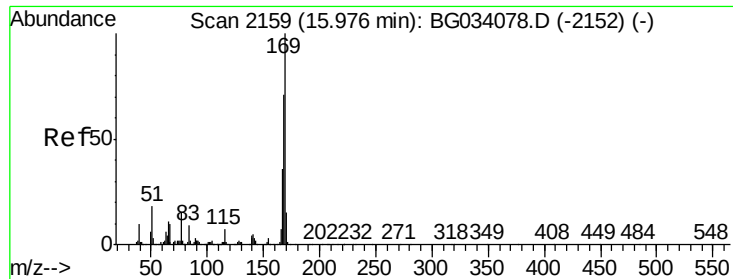
Delta R.T. 0.00 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	198	Resp:	166517
Ion Ratio	Lower	Upper	
198	100		
51	47.8	30.6	70.6
105	41.8	23.8	63.8





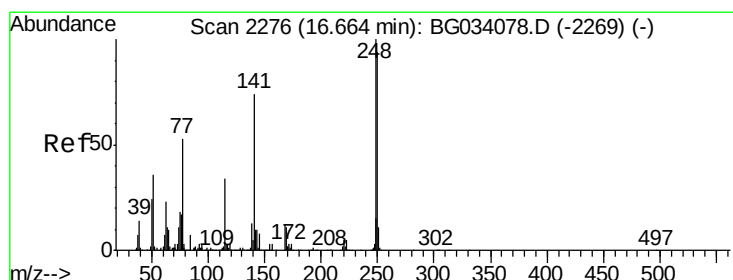
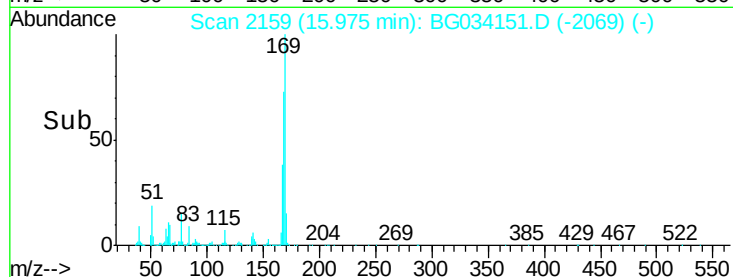
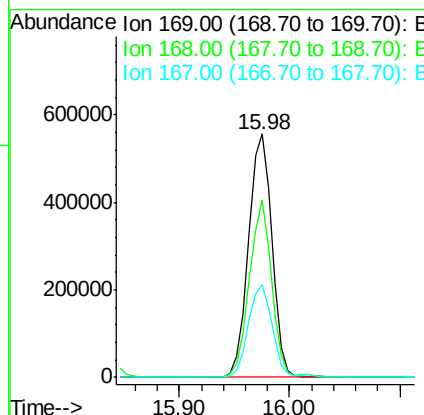
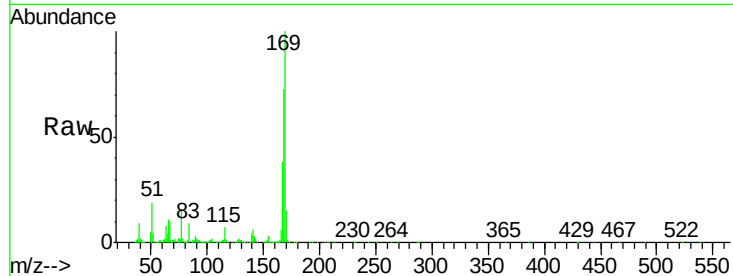
#65
n-Nitrosodiphenylamine
Concen: 39.006 ng
RT: 15.98 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	829857		
168	72.9		55.7	83.5
167	38.2		30.1	45.1

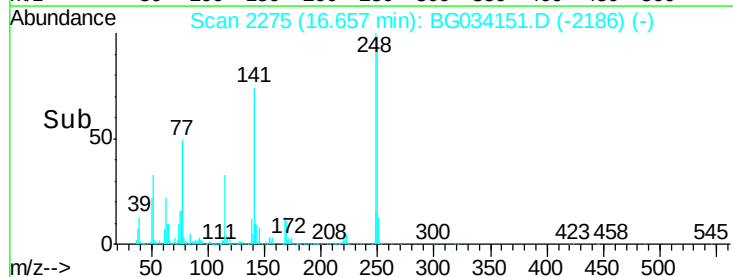
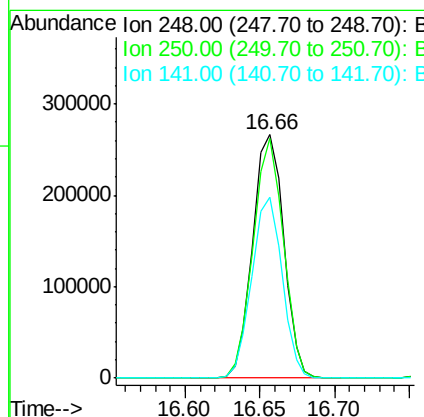
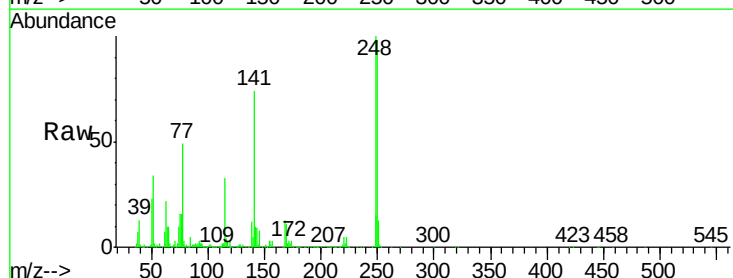
Manual Integrations
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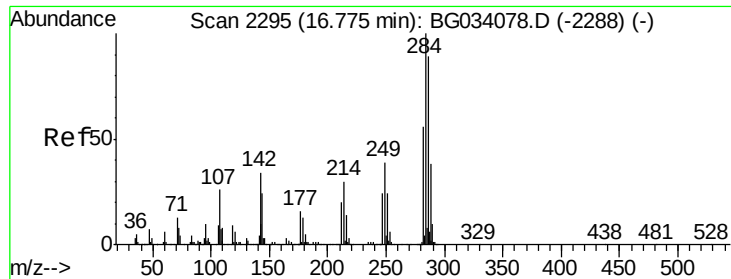
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 39.567 ng
RT: 16.66 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	383296		
250	98.5		77.1	115.7
141	74.3		50.8	76.2





#67

Hexachlorobenzene

Concen: 39.893 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

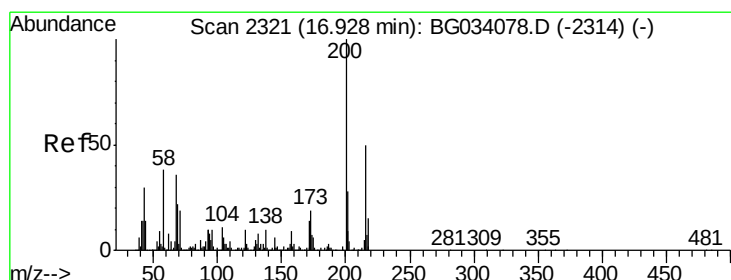
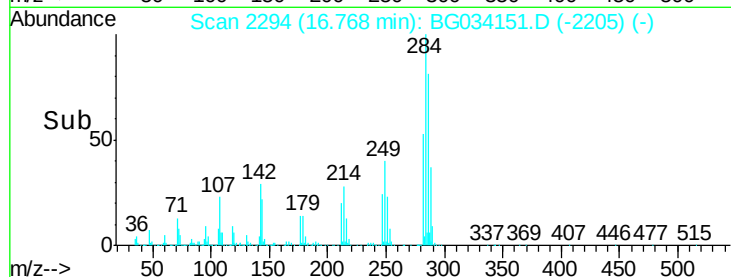
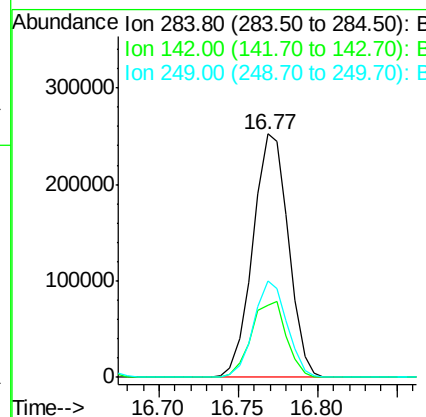
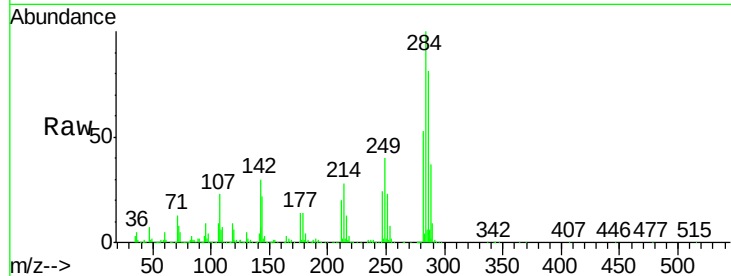
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	284	Resp:	392279
Ion Ratio		Lower	Upper
284	100		
142	29.5	26.8	40.2
249	39.5	26.3	39.5#

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#68

Atrazine

Concen: 44.932 ng

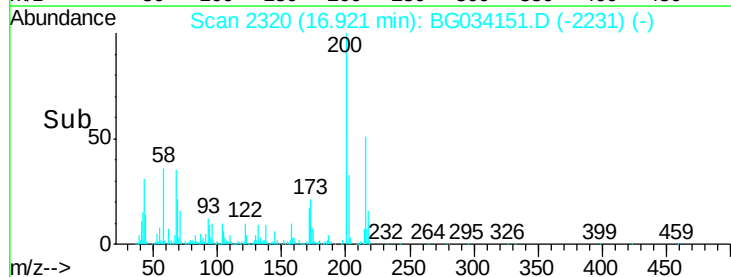
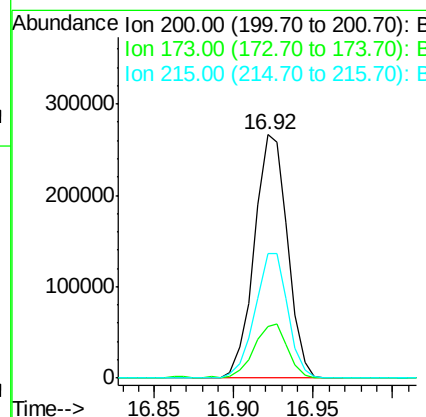
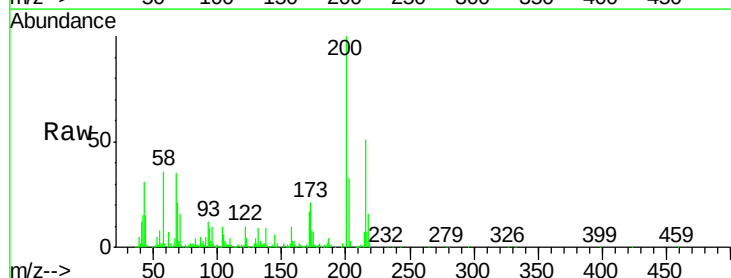
RT: 16.92 min Scan# 2320

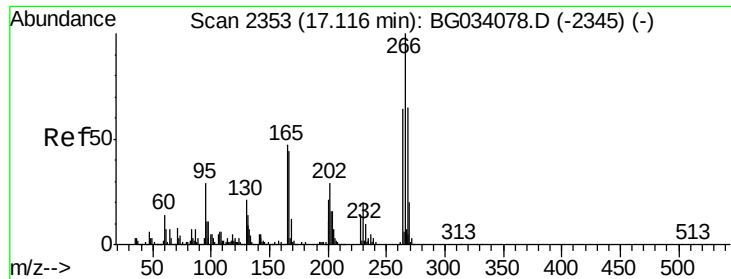
Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	200	Resp:	386461
Ion Ratio		Lower	Upper
200	100		
173	21.1	5.2	45.2
215	51.4	30.4	70.4





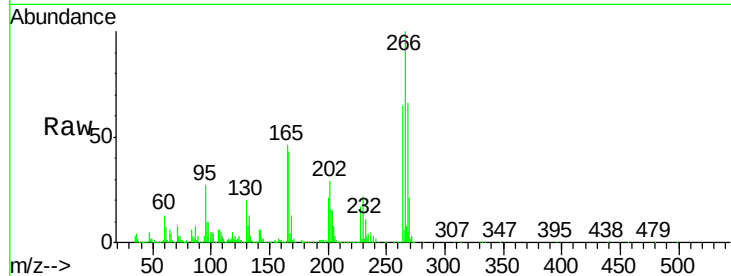
#69
 Pentachlorophenol
 Concen: 76.846 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. -0.00 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	65.1	49.6	74.4

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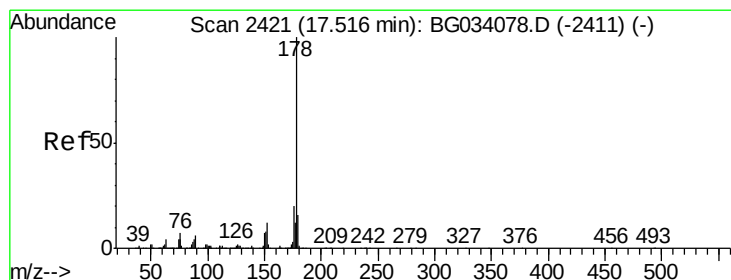
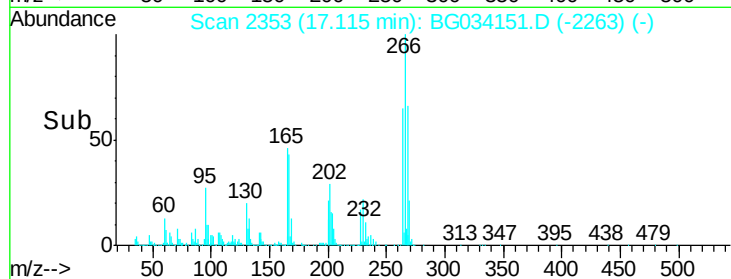
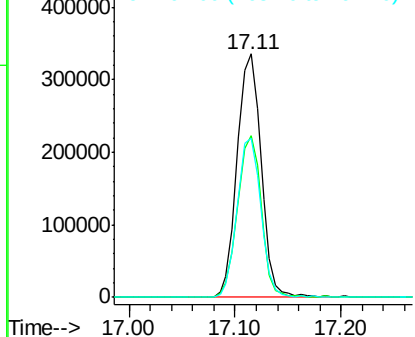


Abundance

Ion 265.70 (265.40 to 266.40): E

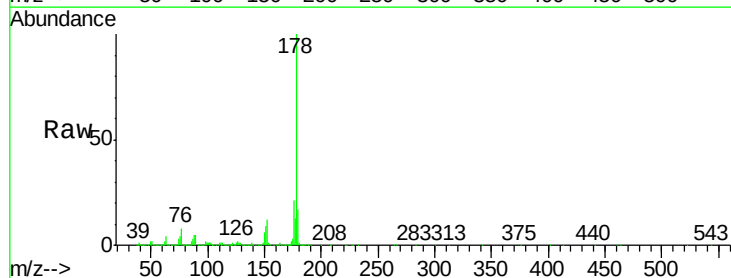
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.629 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	16.6	12.5	18.7

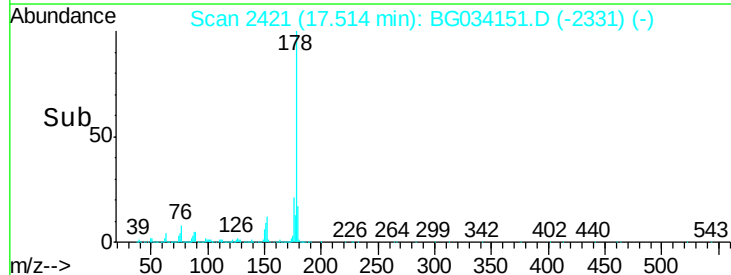
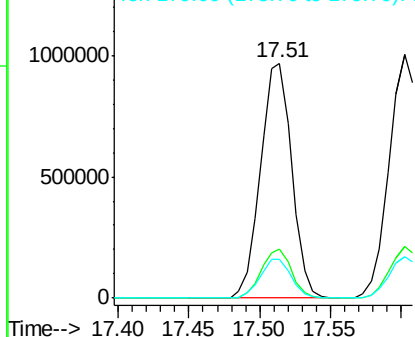


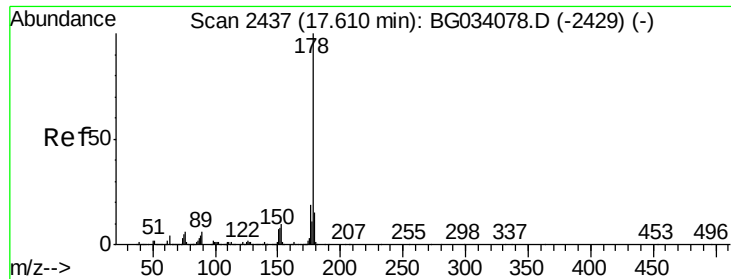
Abundance

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: 37.955 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

ClientSampleId :

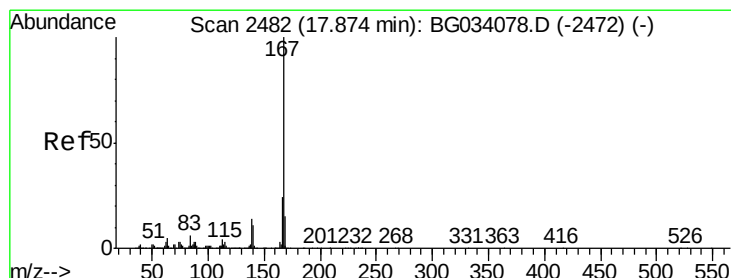
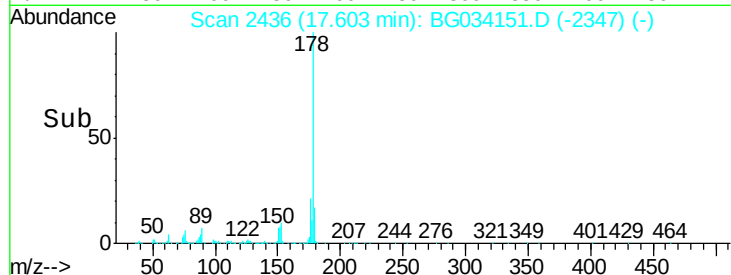
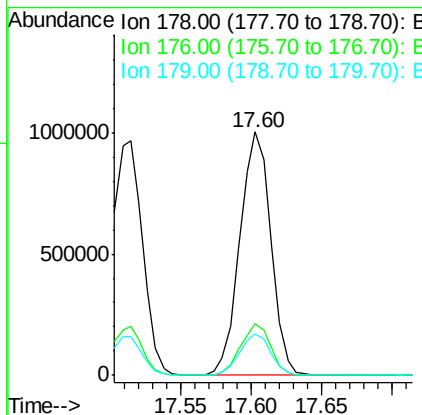
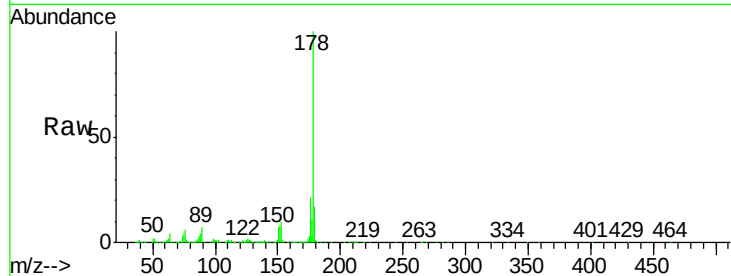
EPE-F-4A(40-42)MSD

Tot Ion:178 Resp: 1542216

Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.0	24.0
179	17.2	12.5	18.7

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#72

Carbazole

Concen: 37.111 ng

RT: 17.87 min Scan# 2481

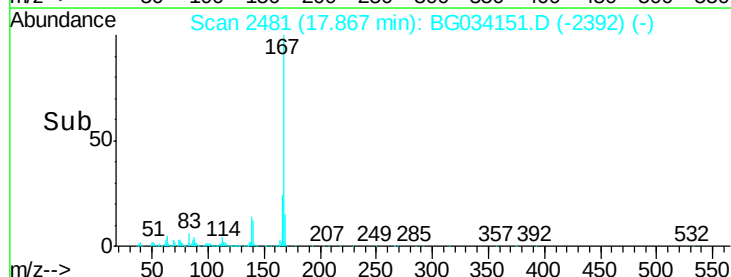
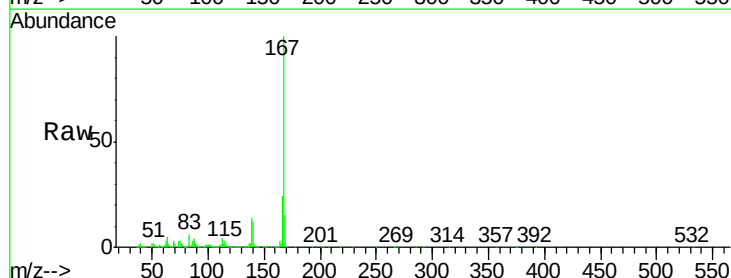
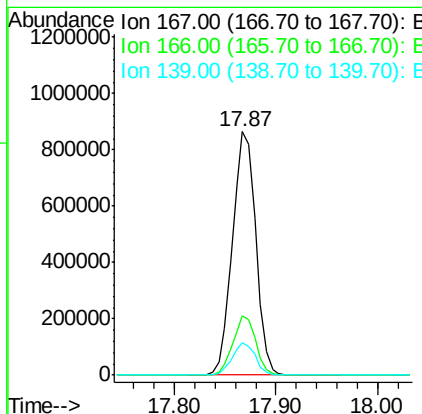
Delta R.T. -0.01 min

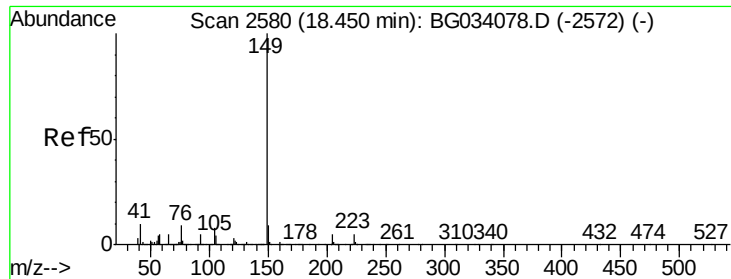
Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:167 Resp: 1380384

Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.2	27.4
139	13.5	9.4	14.2





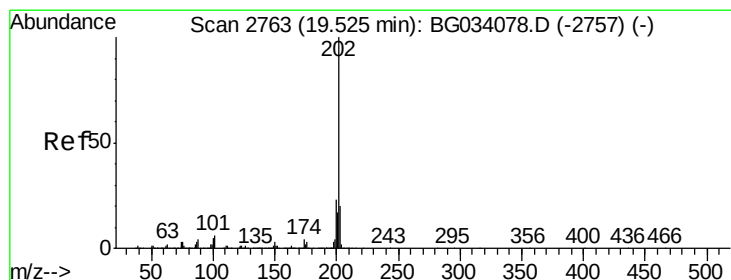
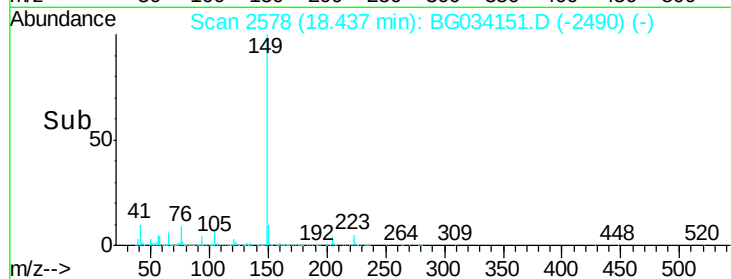
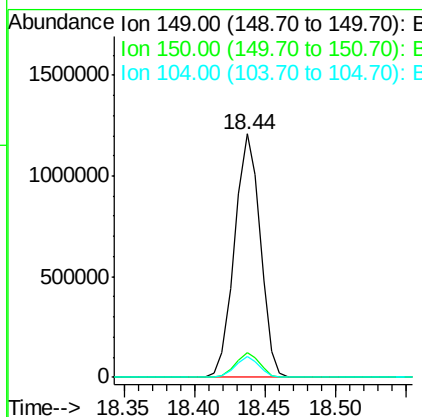
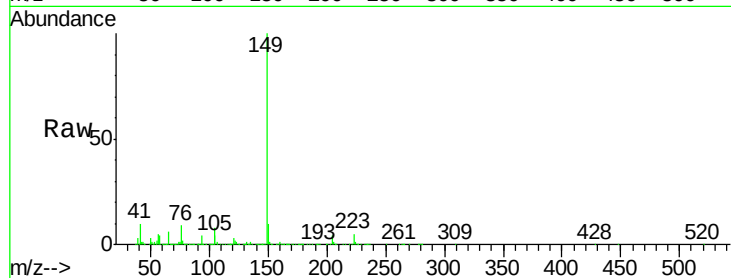
#73
Di-n-butylphthalate
Concen: 34.328 ng
RT: 18.44 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	8.5	3.9	5.9

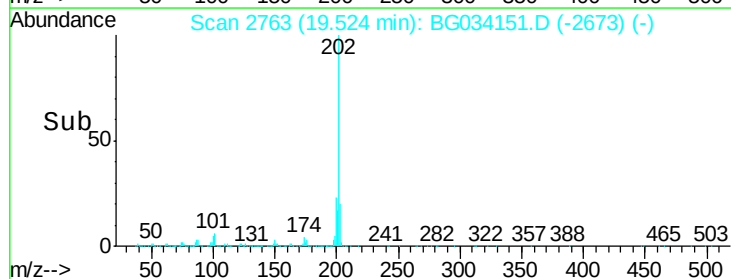
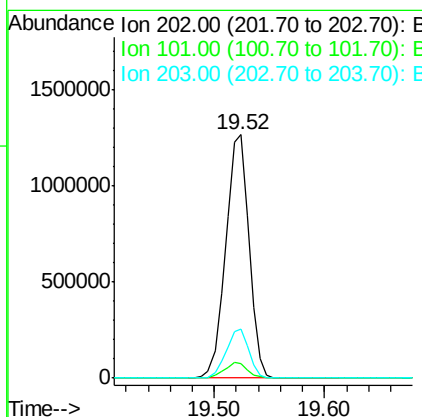
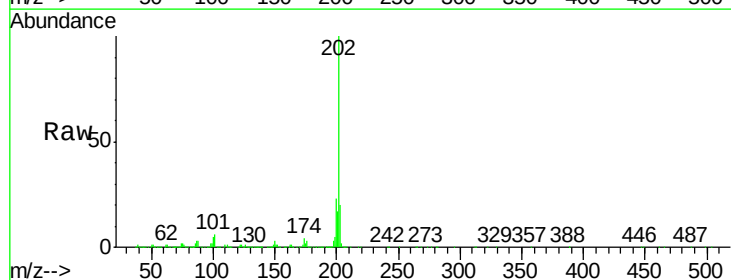
Manual Integrations
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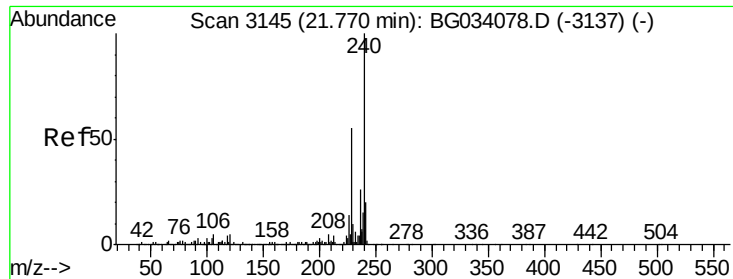
Sohil
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#74
Fluoranthene
Concen: 36.885 ng
RT: 19.52 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	28.9
203	20.2	0.0	37.5





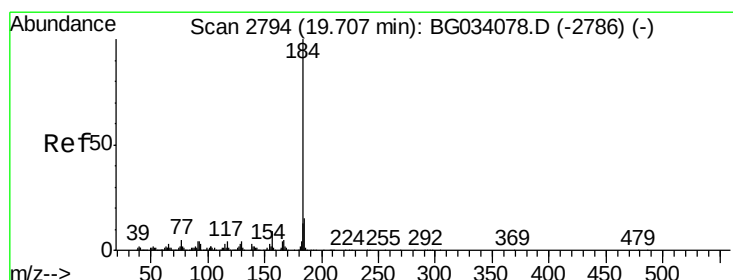
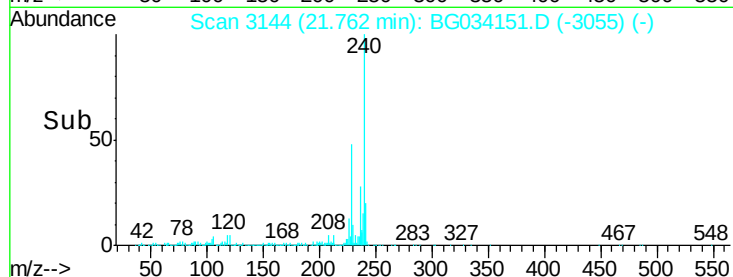
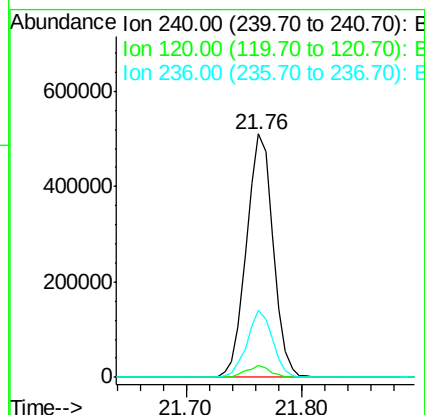
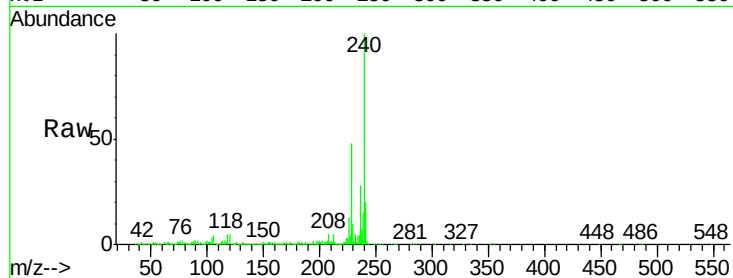
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	27.7	20.9	31.3

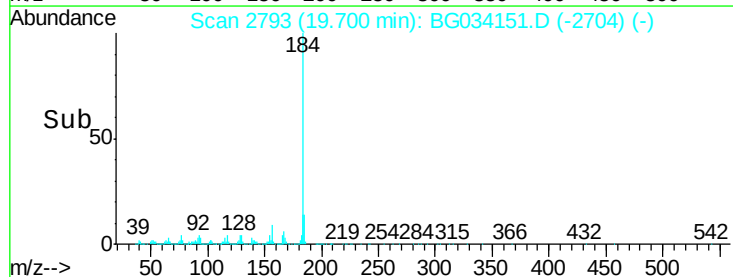
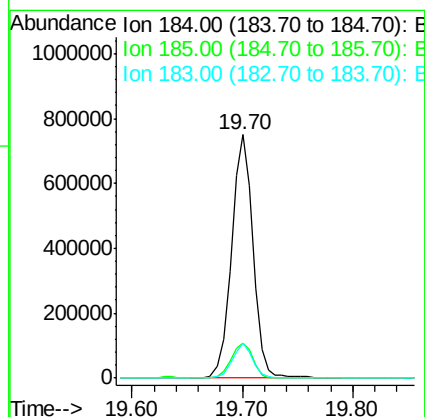
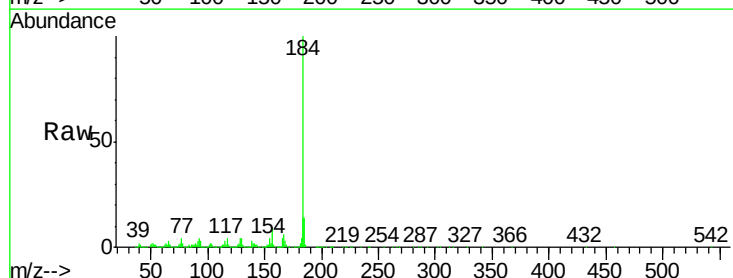
Manual Integrations
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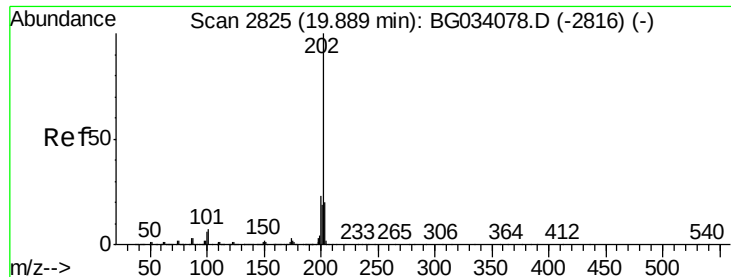
Sohil
 5/3/2018 6:25:34 PM



#76
 Benzidine
 Concen: 48.378 ng
 RT: 19.70 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	14.3	10.6	16.0





#77

Pvrene

Concen: 36.075 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

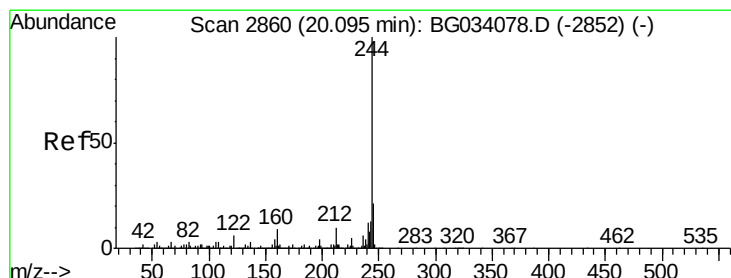
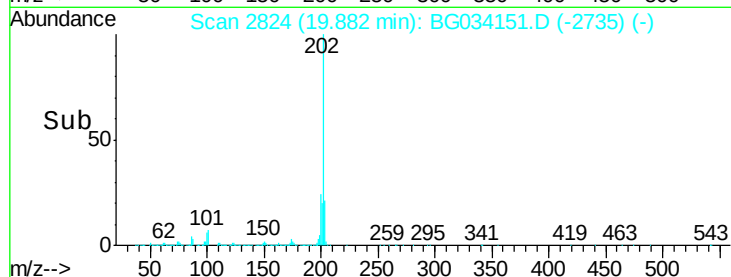
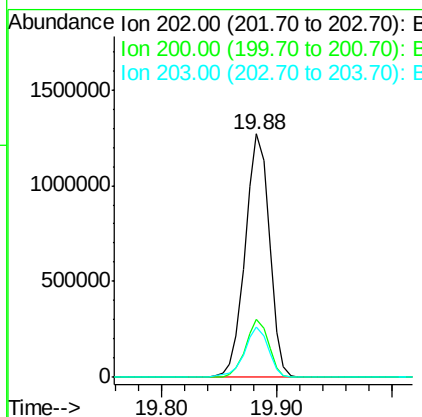
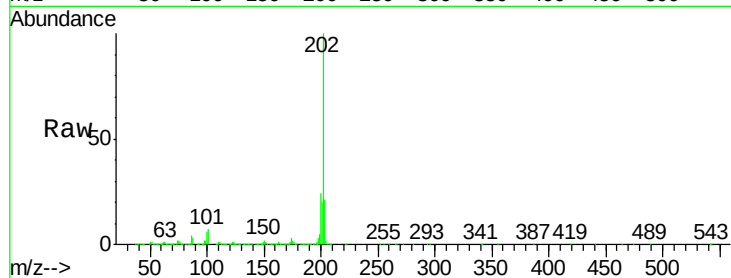
ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:	202	Resp:	1851318
Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.9	25.3
203	20.6	13.9	20.9

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#78

Terphenyl-d14

Concen: 74.677 ng

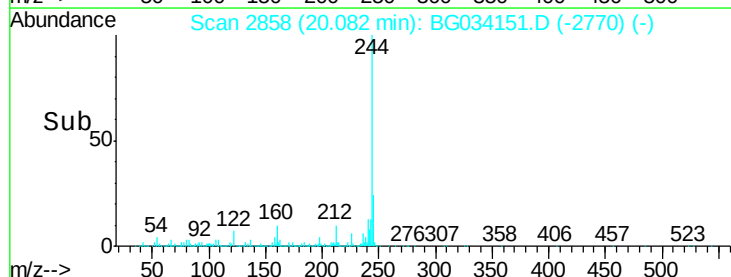
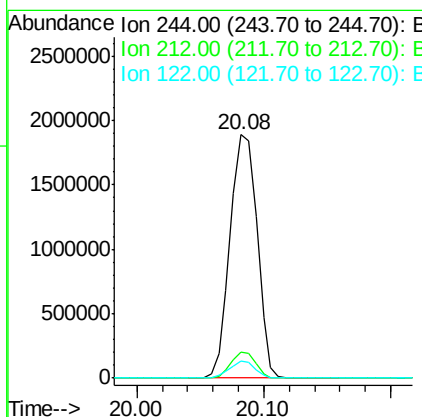
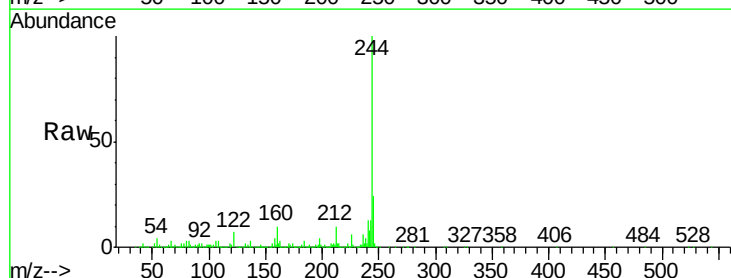
RT: 20.08 min Scan# 2858

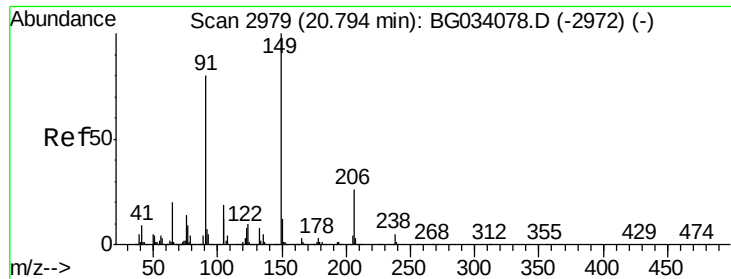
Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Tgt Ion:	244	Resp:	2792223
Ion	Ratio	Lower	Upper
244	100		
212	10.5	5.8	8.8#
122	6.8	7.0	10.4#





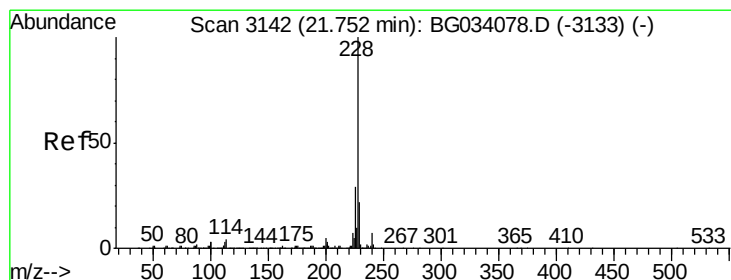
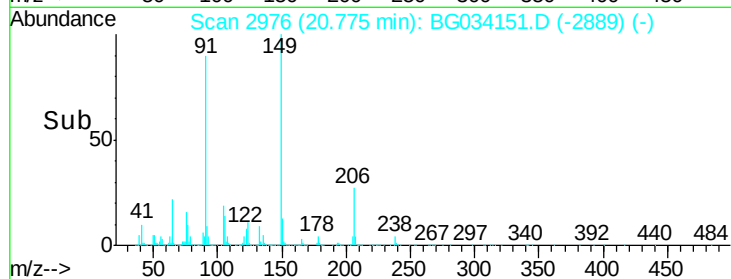
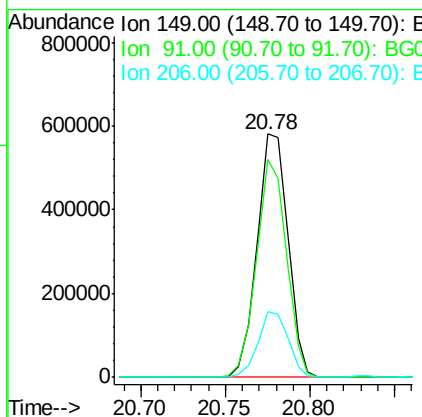
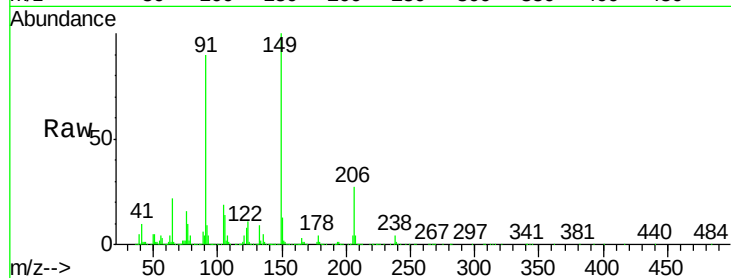
#79
Butylbenzylphthalate
Concen: 37.087 ng
RT: 20.78 min Scan# 2976
Delta R.T. -0.02 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	89.7	62.2	93.2
206	26.9	18.6	27.8

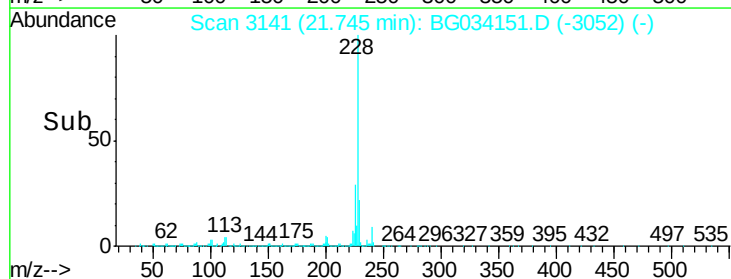
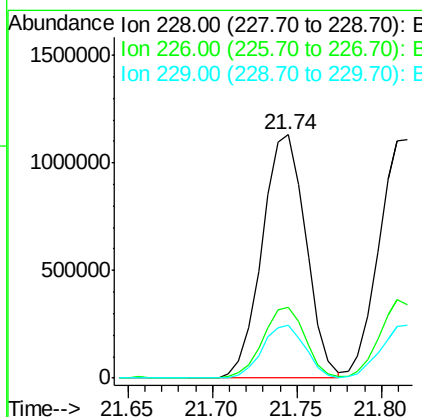
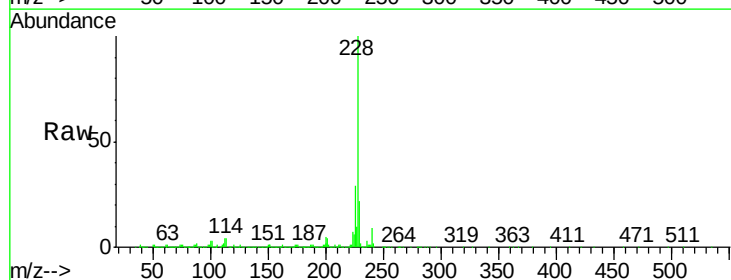
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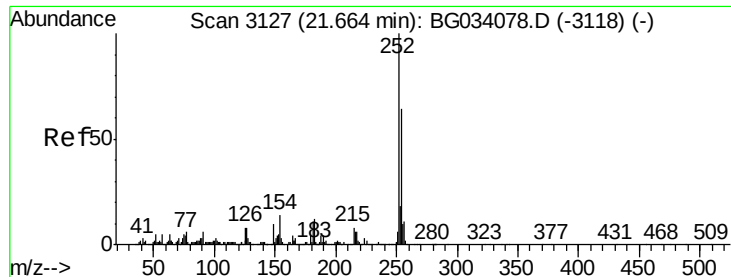
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#80
Benzo(a)anthracene
Concen: 38.386 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.9	16.2	24.2





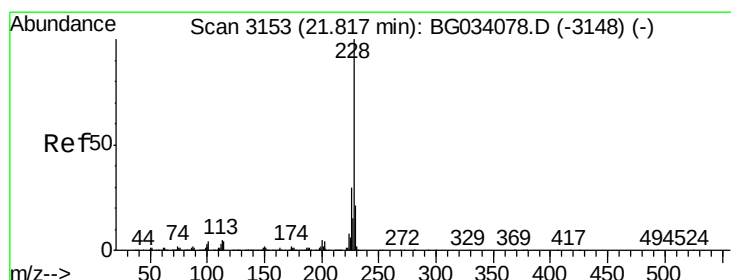
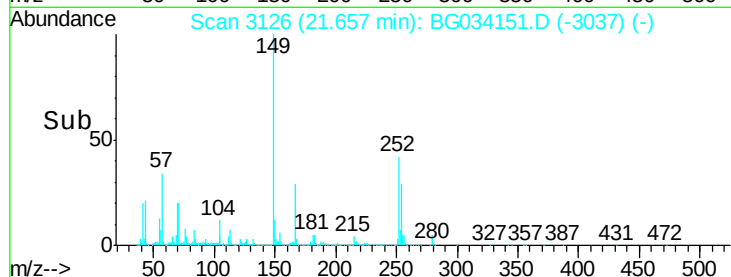
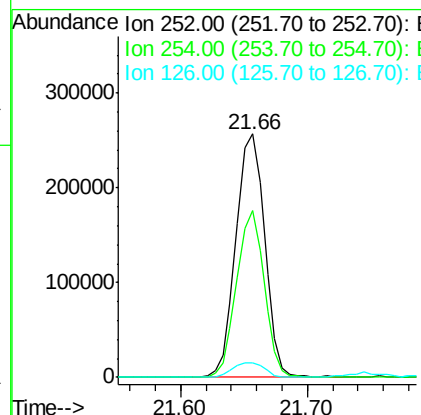
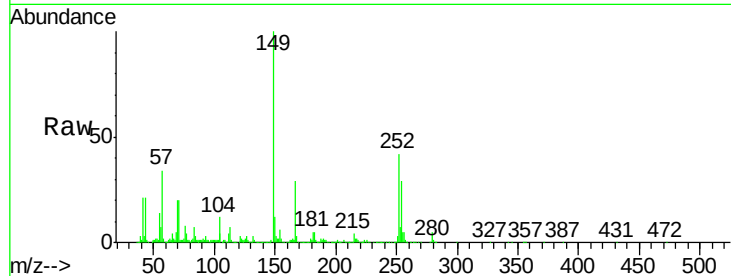
#81
 3,3'-Dichlorobenzidine
 Concen: 20.392 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	68.4	50.8	76.2
126	5.8	7.4	11.2

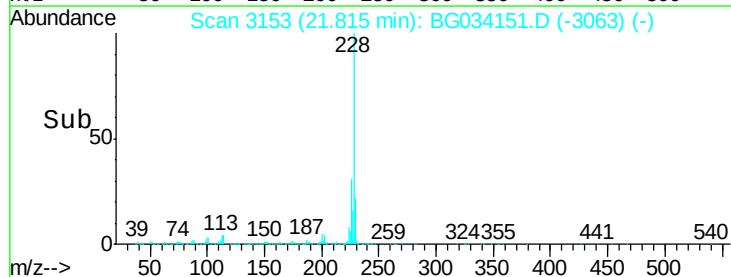
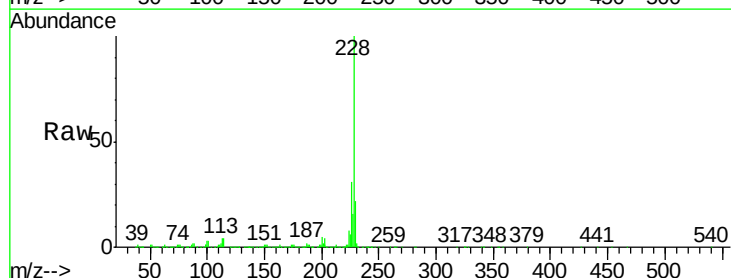
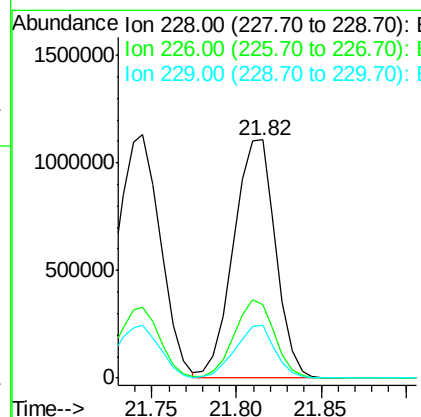
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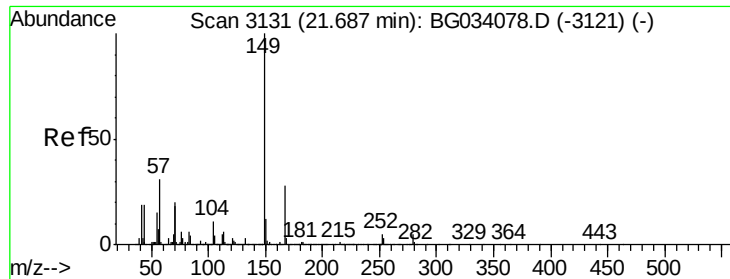
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#82
 Chrysene
 Concen: 38.053 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	22.1	15.0	22.4





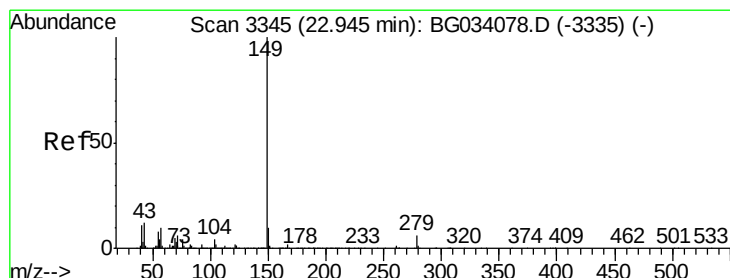
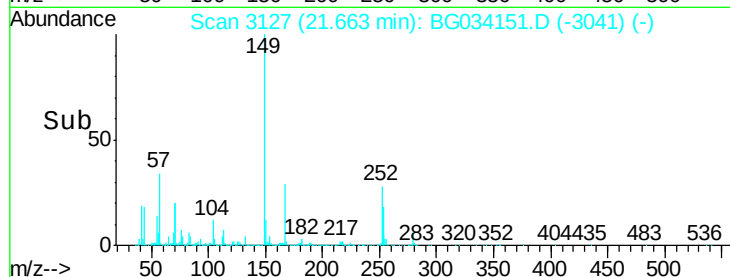
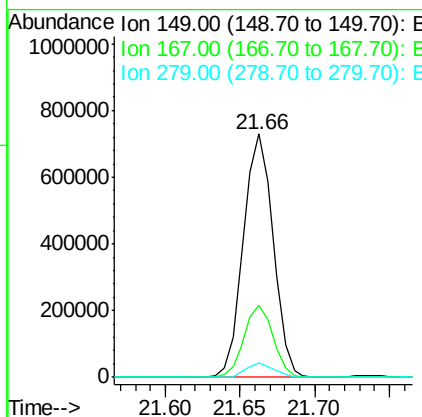
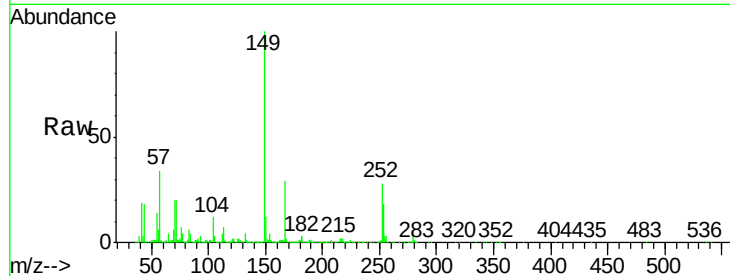
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.560 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.3	36.5
279	6.2	4.0	6.0

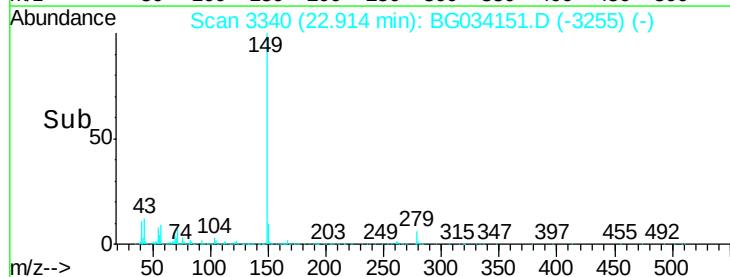
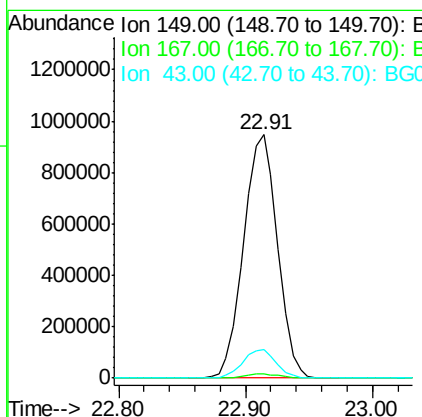
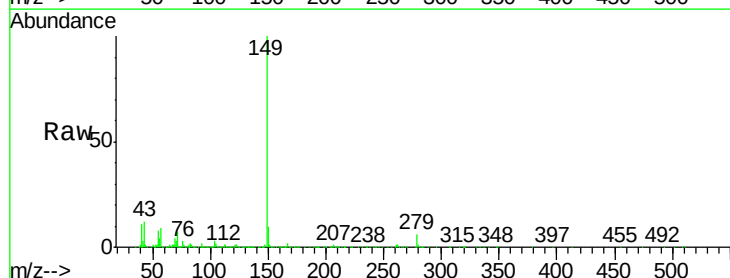
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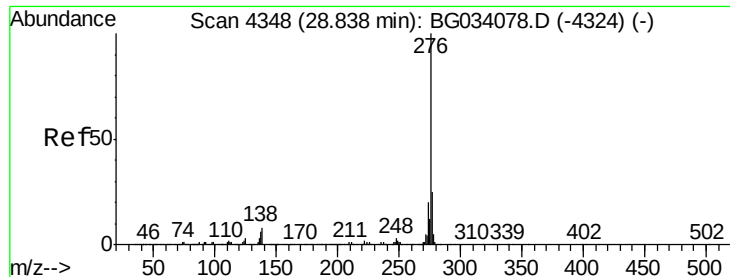
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#84
 Di-n-octyl phthalate
 Concen: 39.708 ng
 RT: 22.91 min Scan# 3340
 Delta R.T. -0.03 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.6	8.9	13.3





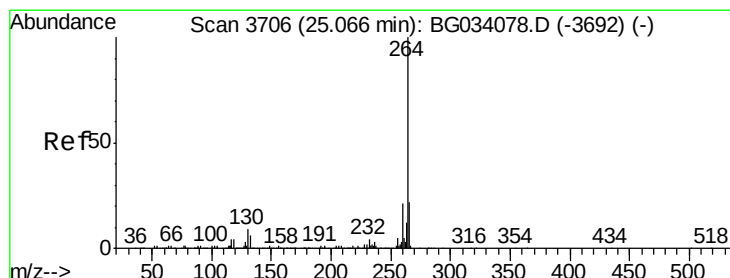
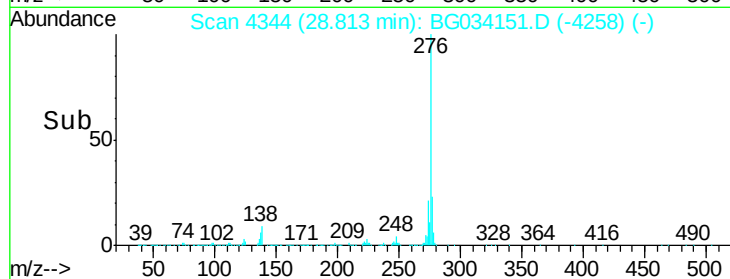
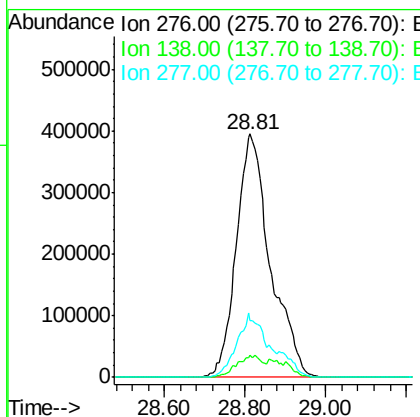
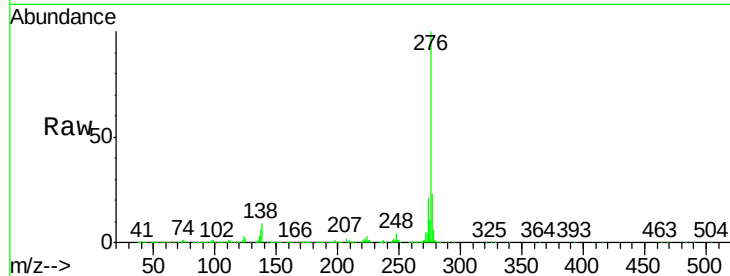
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.030 ng
RT: 28.81 min Scan# 4344
Delta R.T. -0.02 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.1	16.0	24.0#
277	21.6	20.0	30.0

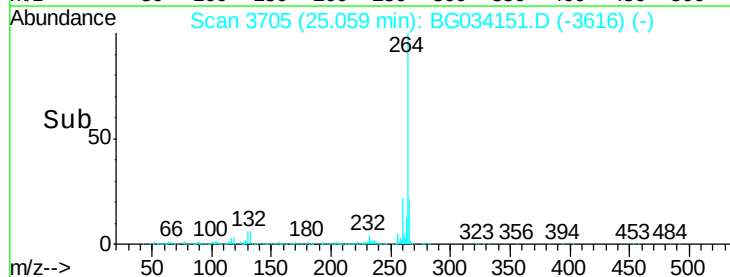
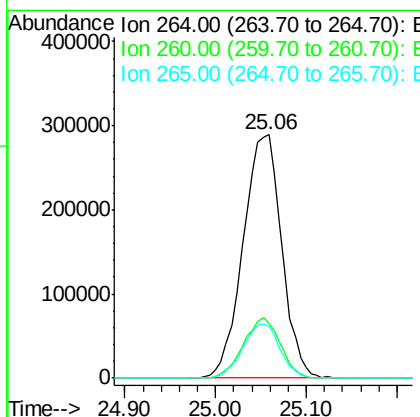
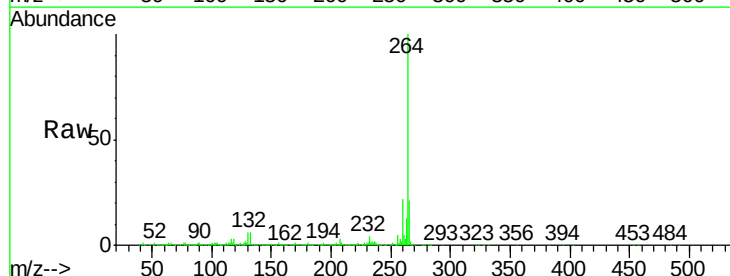
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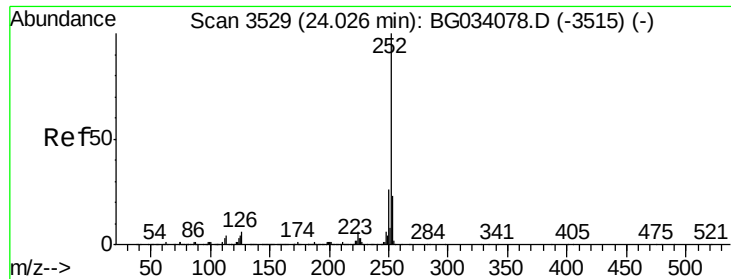
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 38.152 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

Instrument :

BNA_G

ClientSampleId :

EPE-F-4A(40-42)MSD

Tot Ion:252 Resp: 2054790

Ion Ratio Lower Upper

252 100

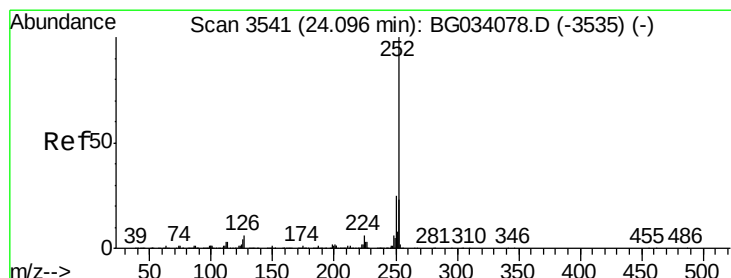
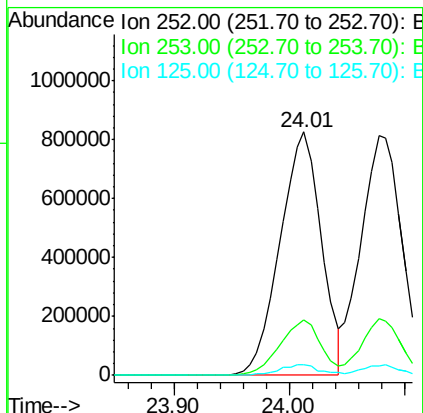
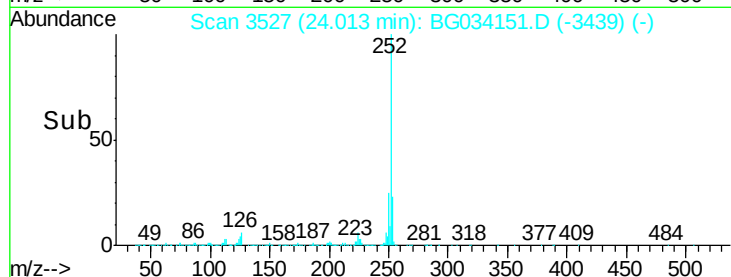
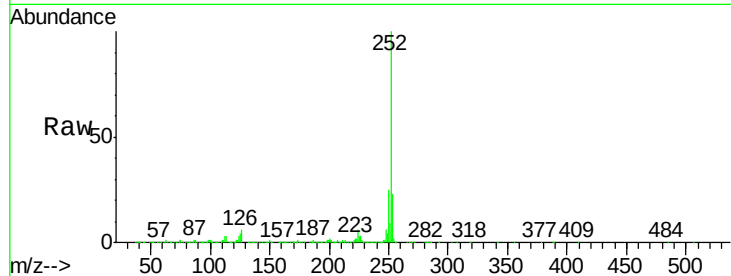
253 23.0 18.2 27.4

125 4.4 7.2 10.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.973 ng

RT: 24.08 min Scan# 3538

Delta R.T. -0.02 min

Lab File: BG034151.D

Acq: 3 May 2018 14:37

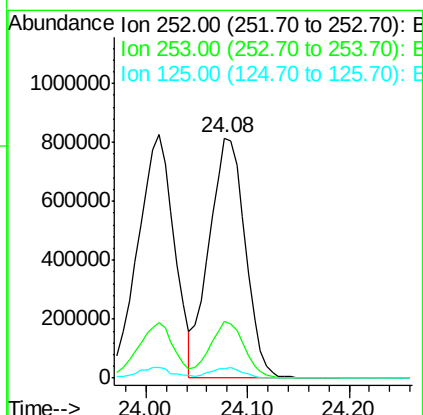
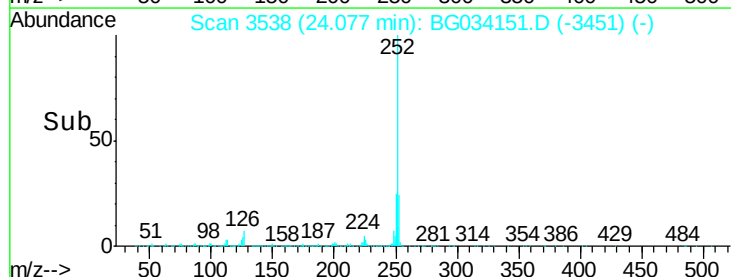
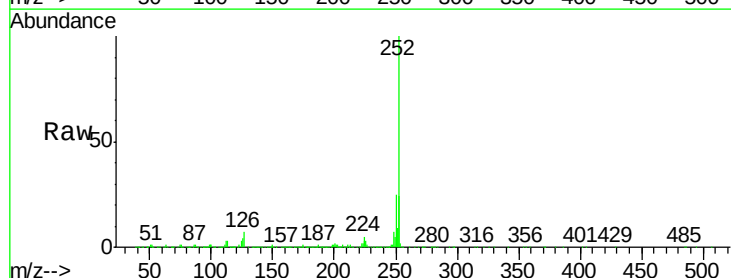
Tgt Ion:252 Resp: 2006162

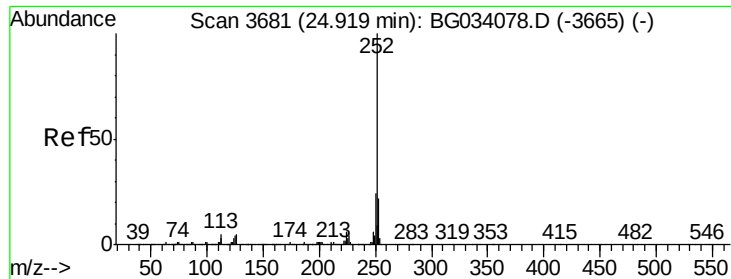
Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 4.0 6.6 9.8#





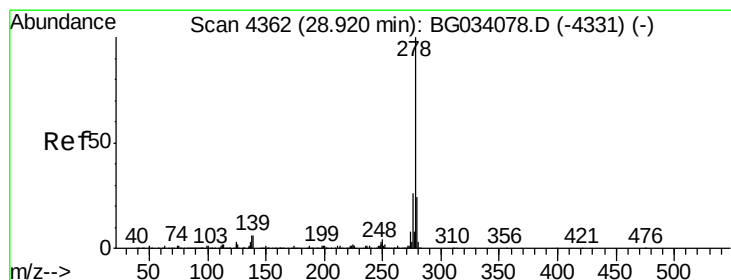
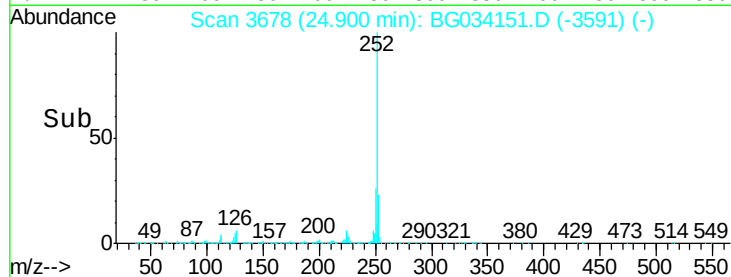
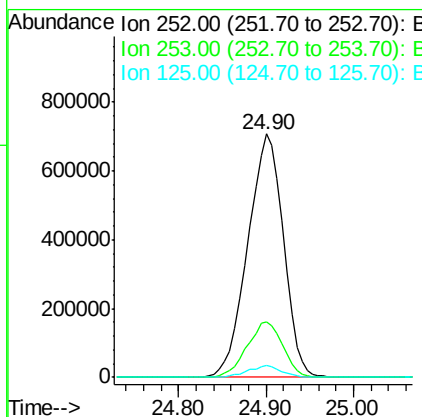
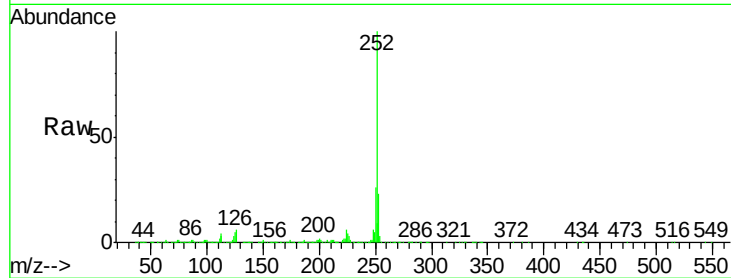
#89
Benzo(a)pyrene
Concen: 38.952 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	4.8	7.3	10.9

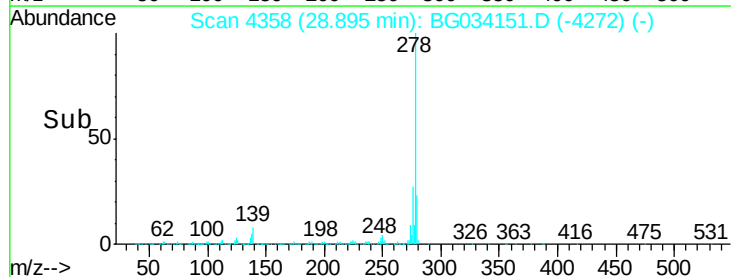
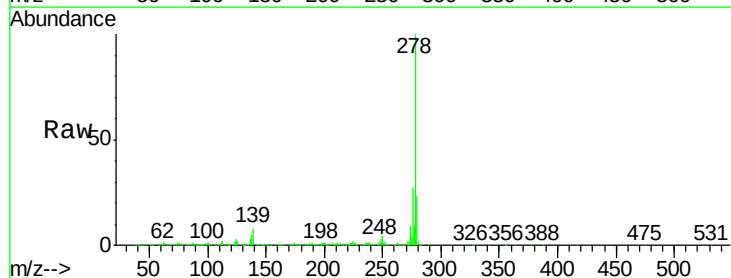
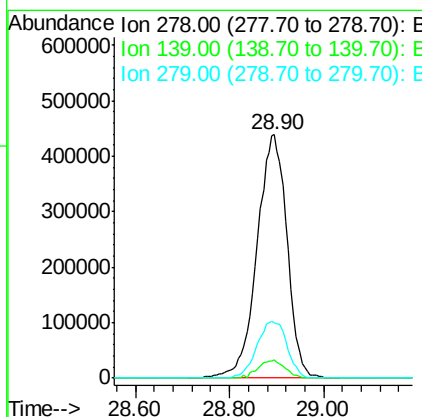
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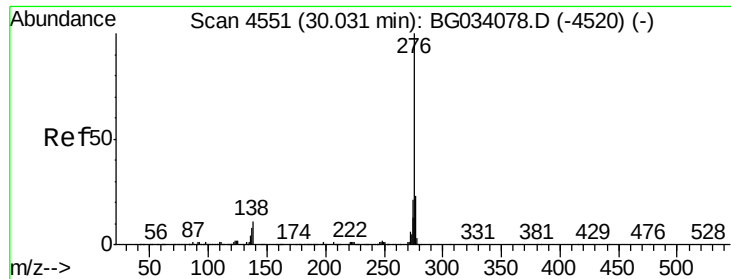
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#90
Dibenzo(a,h)anthracene
Concen: 40.939 ng
RT: 28.90 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BG034151.D
Acq: 3 May 2018 14:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.5	9.8	14.6
279	22.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.372 ng
 RT: 30.00 min Scan# 4546
 Delta R.T. -0.03 min
 Lab File: BG034151.D
 Acq: 3 May 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-4A(40-42)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.3	27.5
138	10.1	13.9	20.9

Manual Integrations
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