

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026037.D
 Acq On : 2 Mar 2017 19:57
 Operator : SJ/MA
 Sample : I2056-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

Manual Integrations
 APPROVED

mohammad
 3/3/2017 10:56:47 AM

Quant Time: Mar 03 02:16:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	117138	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	505302	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	297468	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	681165	20.00	ng	0.00
75) Chrysene-d12	21.66	240	652619	20.00	ng	-0.02
86) Perylene-d12	24.85	264	629100	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	929394	138.13	ng	-0.01
7) Phenol-d6	7.23	99	1261794	126.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	703123	87.81	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	441271	160.56	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1576765	92.62	ng	-0.02
78) Terphenyl-d14	20.00	244	2051030	76.44	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	107201	34.86	ng	# 77
3) Pyridine	3.93	79	300834	32.83	ng	# 68
4) n-Nitrosodimethylamine	3.84	42	114378	34.71	ng	# 18
6) Aniline	7.39	93	392324	28.34	ng	# 92
8) 2-Chlorophenol	7.64	128	364100	45.53	ng	# 85
9) Benzaldehyde	7.20	77	91173	15.45	ng	# 79
10) Phenol	7.26	94	481015	44.46	ng	# 75
11) bis(2-Chloroethyl)ether	7.49	93	344852	38.78	ng	# 85
12) 1,3-Dichlorobenzene	7.96	146	373708	40.43	ng	# 89
13) 1,4-Dichlorobenzene	8.11	146	382441	40.84	ng	# 95
14) 1,2-Dichlorobenzene	8.43	146	369676	40.21	ng	# 91
15) Benzyl Alcohol	8.30	79	316238	43.37	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.60	45	398074	30.85	ng	# 83
17) 2-Methylphenol	8.51	107	320922	41.17	ng	# 84
18) Hexachloroethane	9.16	117	131210	42.28	ng	# 86
19) n-Nitroso-di-n-propylamine	8.87	70	278170	38.25	ng	# 76
20) 3+4-Methylphenols	8.83	107	447805	40.33	ng	# 86
22) Acetophenone	8.89	105	533848	44.03	ng	# 77
24) Nitrobenzene	9.27	77	375960	43.42	ng	# 78
25) Isophorone	9.79	82	767755	43.57	ng	# 92
26) 2-Nitrophenol	9.98	139	201984	49.89	ng	# 69
27) 2,4-Dimethylphenol	10.04	122	350770	46.42	ng	# 87
28) bis(2-Chloroethoxy)methane	10.27	93	477170	42.73	ng	# 99
29) 2,4-Dichlorophenol	10.52	162	355465	49.28	ng	# 96
30) 1,2,4-Trichlorobenzene	10.73	180	349947	44.61	ng	# 98
31) Naphthalene	10.92	128	1097070	41.99	ng	# 99
32) Benzoic acid	10.11	122	64466	11.17	ng	# 72
33) 4-Chloroaniline	11.02	127	241166	21.25	ng	# 85
34) Hexachlorobutadiene	11.21	225	198000	44.36	ng	# 96
35) Caprolactam	11.78	113	131677m	45.21	ng	# 92
36) 4-Chloro-3-methylphenol	12.13	107	389280	45.11	ng	# 85
37) 2-Methylnaphthalene	12.52	142	837286	42.08	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	372214	49.92	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	424758	104.11	ng	# 94

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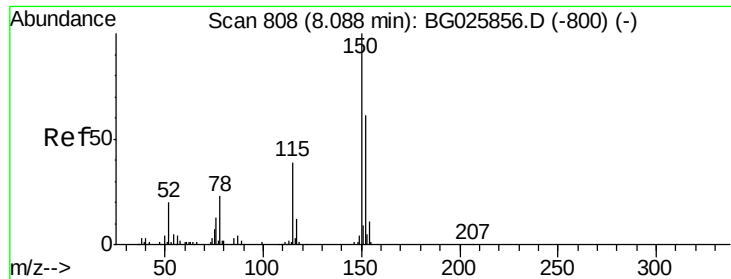
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	278376	57.81	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	288481	52.77	ng	94
45) 1,1'-Biphenyl	13.51	154	1056667	49.02	ng	99
46) 2-Chloronaphthalene	13.56	162	775126	49.74	ng	98
47) 2-Nitroaniline	13.75	65	250210	50.62	ng	# 72
48) Acenaphthylene	14.40	152	1322698	47.67	ng	99
49) Dimethylphthalate	14.13	163	1410420	69.11	ng	100
50) 2,6-Dinitrotoluene	14.24	165	236685	51.63	ng	# 69
51) Acenaphthene	14.74	154	923283	50.38	ng	98
52) 3-Nitroaniline	14.57	138	180581	35.22	ng	# 73
53) 2,4-Dinitrophenol	14.78	184	166127	69.25	ng	# 81
54) Dibenzofuran	15.07	168	1250044	51.17	ng	92
55) 4-Nitrophenol	14.87	139	400729	96.03	ng	# 48
56) 2,4-Dinitrotoluene	15.02	165	329014	53.35	ng	# 78
57) Fluorene	15.72	166	1032594	47.30	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	273623	56.74	ng	96
59) Diethylphthalate	15.48	149	1081388	51.23	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	480588	47.51	ng	93
61) 4-Nitroaniline	15.73	138	255719	48.11	ng	# 56
62) Azobenzene	16.00	77	964246	53.14	ng	84
64) 4,6-Dinitro-2-methylphenol	15.79	198	180718	45.34	ng	90
65) n-Nitrosodiphenylamine	15.92	169	928305	44.94	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	320249	44.86	ng	96
67) Hexachlorobenzene	16.72	284	330821	44.96	ng	95
68) Atrazine	16.86	200	355187	48.58	ng	97
69) Pentachlorophenol	17.06	266	431993	95.18	ng	98
70) Phenanthrene	17.45	178	1602369	43.33	ng	97
71) Anthracene	17.54	178	1652674	43.84	ng	99
72) Carbazole	17.80	167	1534139	40.51	ng	97
73) Di-n-butylphthalate	18.36	149	1855214	49.90	ng	# 94
74) Fluoranthene	19.45	202	1787255	43.90	ng	95
76) Benzidine	19.62	184	766376	37.20	ng	97
77) Pyrene	19.81	202	1806438	43.77	ng	98
79) Butylbenzylphthalate	20.68	149	847884	54.13	ng	90
80) Benzo(a)anthracene	21.63	228	1632046	42.83	ng	98
81) 3,3'-Dichlorobenzidine	21.55	252	347180	25.56	ng	# 97
82) Chrysene	21.70	228	1534715	41.89	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1260034	55.71	ng	# 98
84) Di-n-octyl phthalate	22.74	149	2169562	58.09	ng	# 84
85) Indeno(1,2,3-cd)pyrene	28.50	276	1673776	38.78	ng	# 88
87) Benzo(b)fluoranthene	23.84	252	1621976	43.05	ng	# 96
88) Benzo(k)fluoranthene	23.91	252	1575066	42.85	ng	# 92
89) Benzo(a)pyrene	24.70	252	1520418	42.62	ng	# 93
90) Dibenzo(a,h)anthracene	28.56	278	1338341	37.34	ng	# 93
91) Benzo(g,h,i)perylene	29.64	276	1441168	40.10	ng	# 89

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



#1

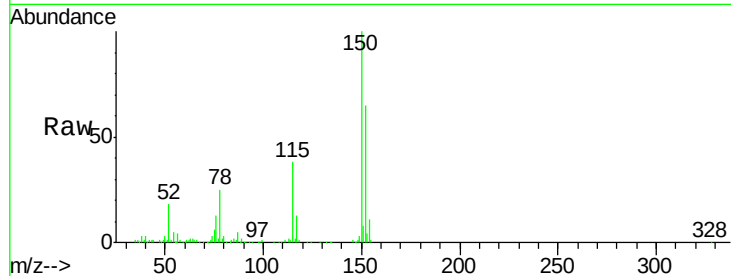
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	117138		
150	154.4	114.0	171.0	
115	58.3	48.1	72.1	

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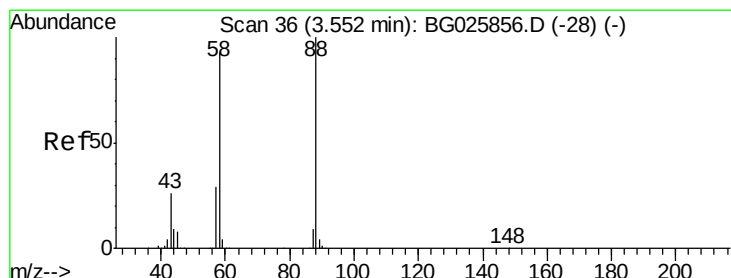
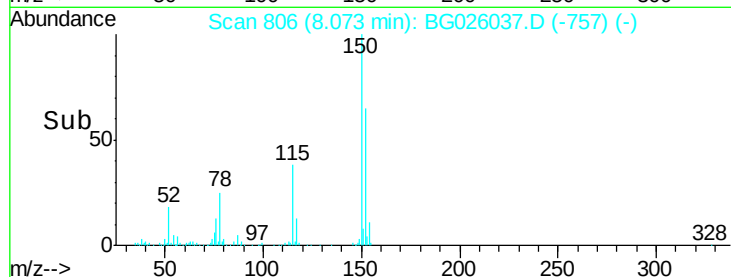
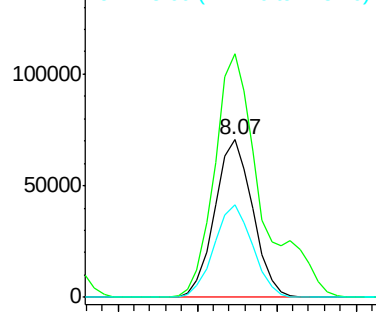


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

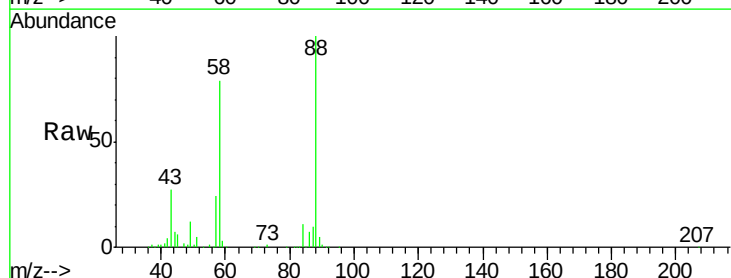
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.86 ng
RT: 3.54 min Scan# 34
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	107201		
58	80.3	79.4	119.2	
43	20.7	33.8	50.6	

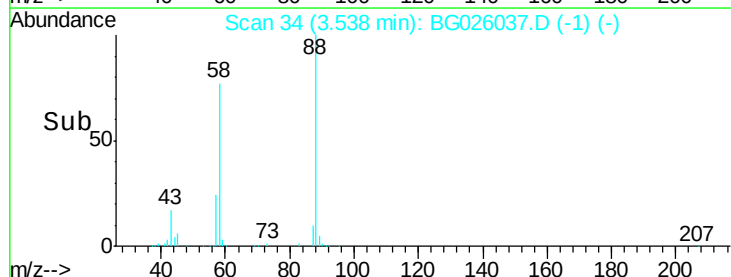
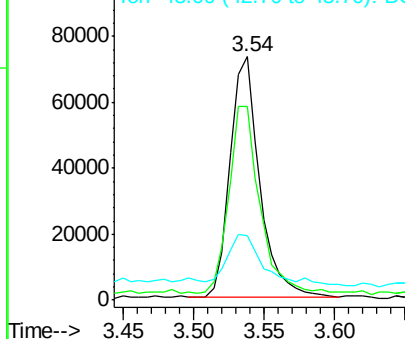


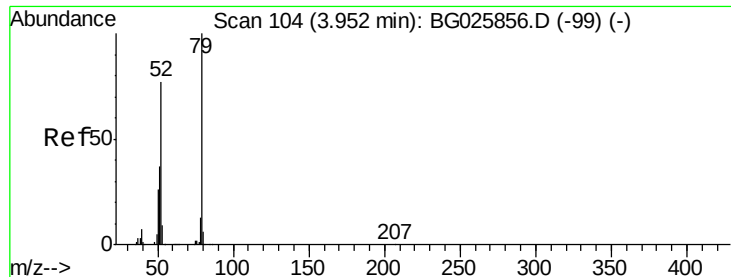
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.83 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

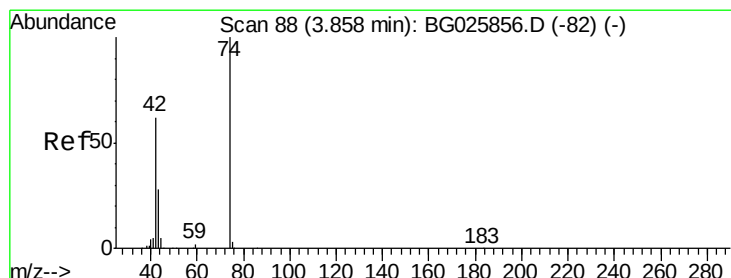
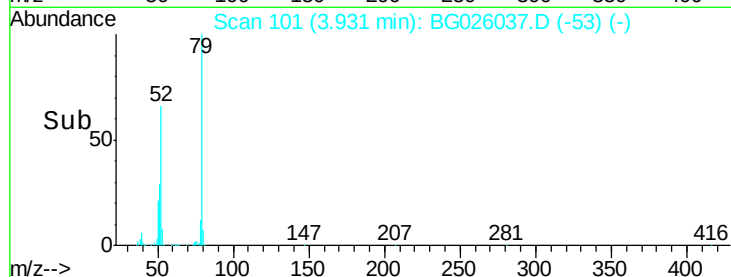
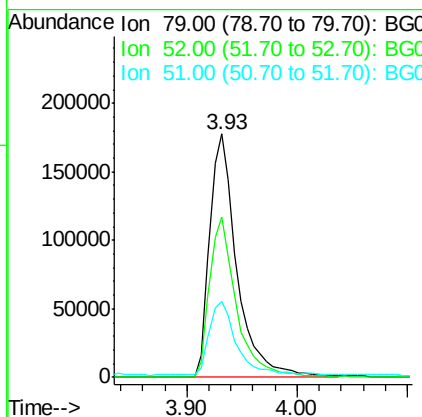
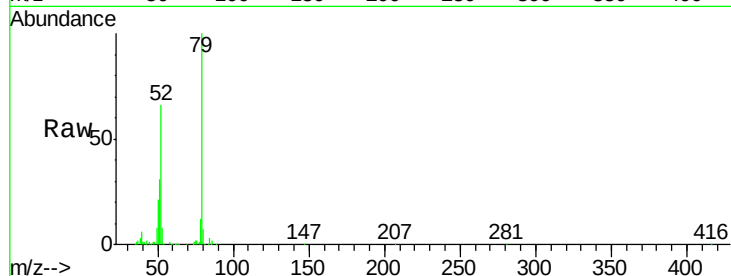
ClientSampleId :

4B-20MSD

Tgt Ion:	79	Resp:	300834
Ion Ratio	Lower	Upper	
79	100		
52	65.7	77.8	116.6#
51	31.1	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 34.71 ng

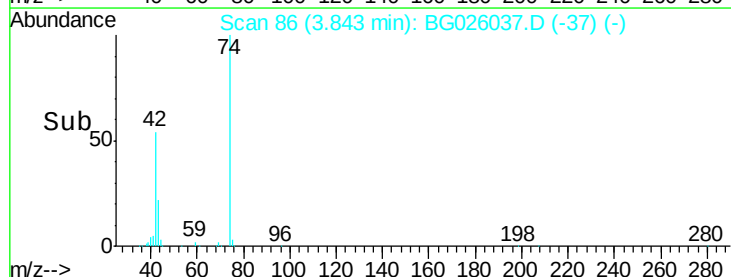
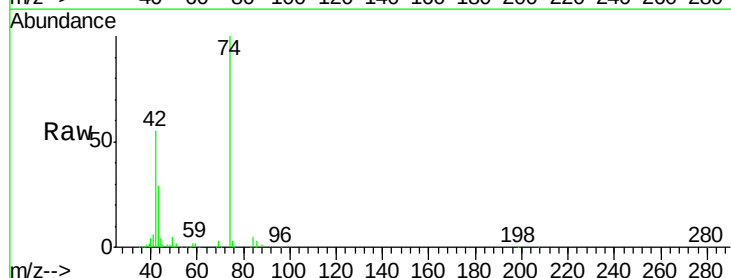
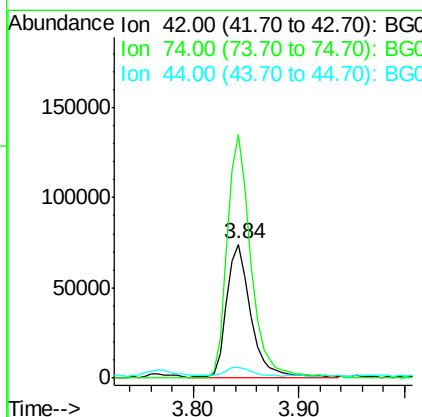
RT: 3.84 min Scan# 86

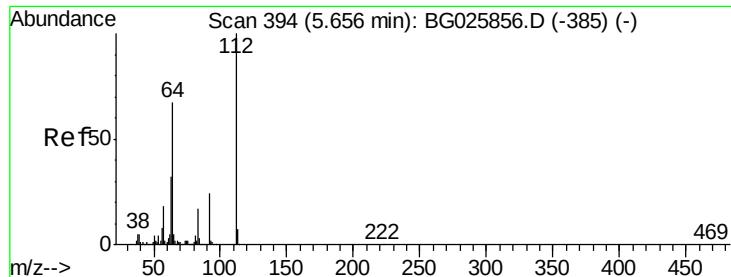
Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:	42	Resp:	114378
Ion Ratio	Lower	Upper	
42	100		
74	181.8	76.7	115.1#
44	7.7	6.1	9.1





#5

2-Fluorophenol

Concen: 138.13 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

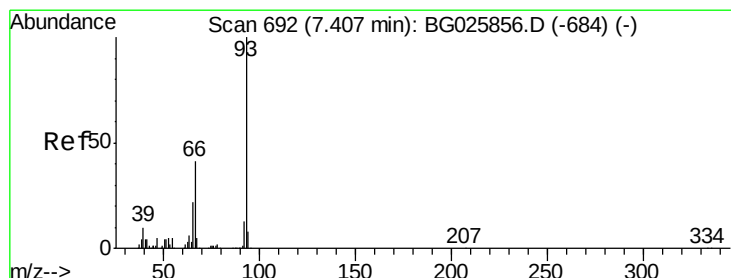
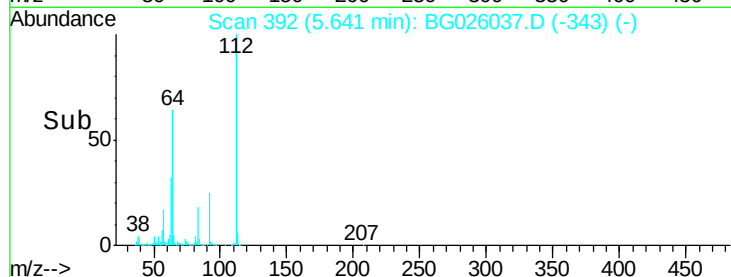
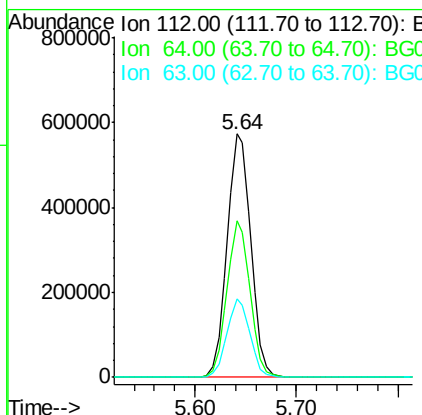
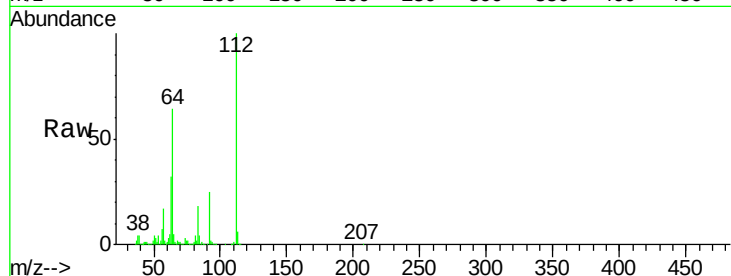
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	929394		
64	64.3	61.8	92.6	
63	32.2	37.2	55.8	

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#6

Aniline

Concen: 28.34 ng

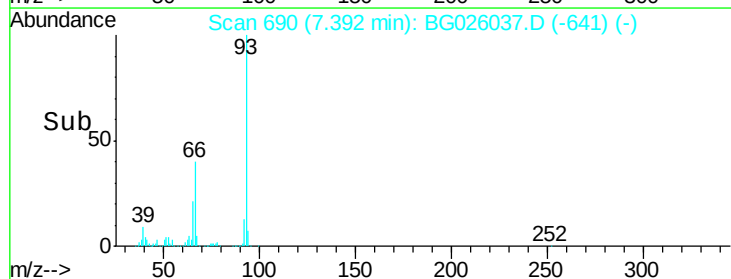
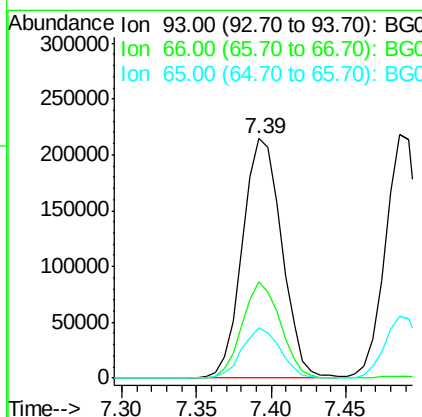
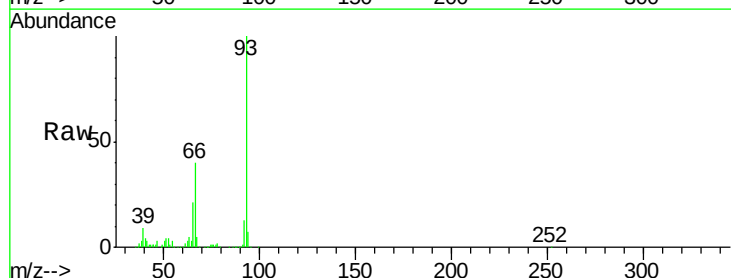
RT: 7.39 min Scan# 690

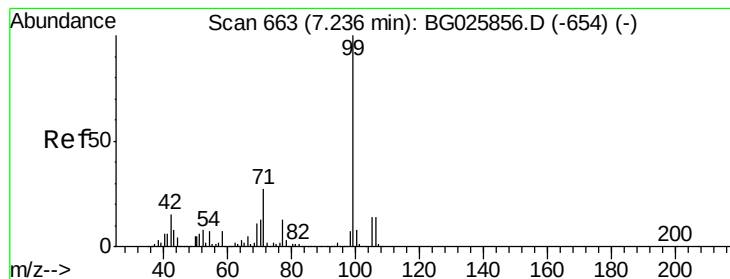
Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	392324		
66	40.2	35.4	53.2	
65	20.9	21.2	31.8	





#7

Phenol-d6

Concen: 126.73 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

Tgt Ion: 99 Resp: 1261794

Ion Ratio Lower Upper

99 100

42 13.2 20.5 30.7#

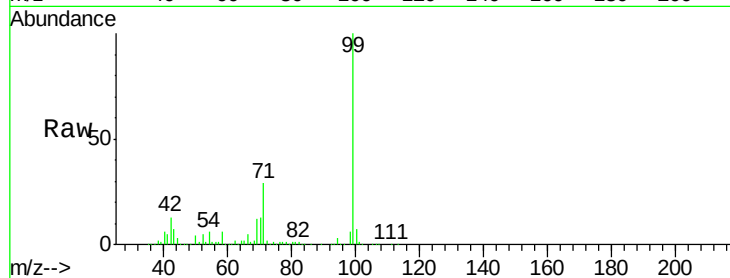
71 29.3 37.6 56.4#

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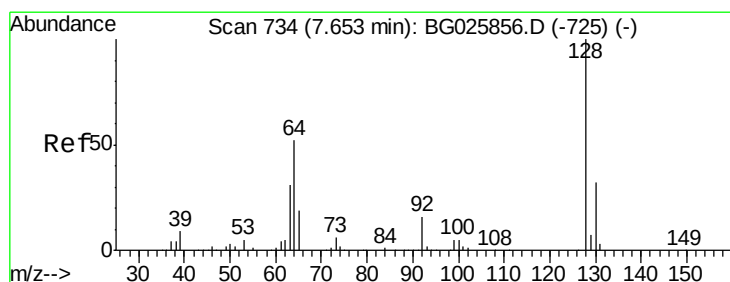
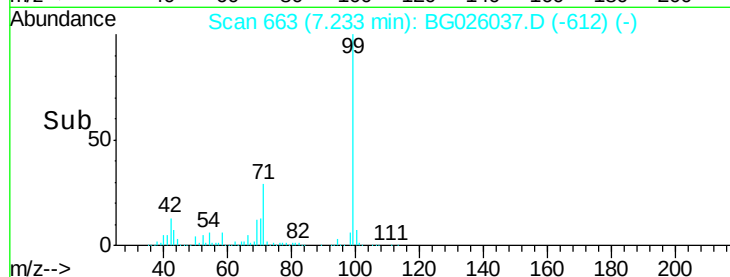
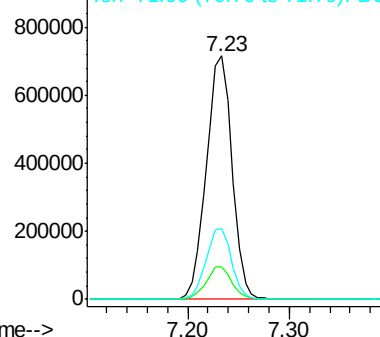
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.53 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

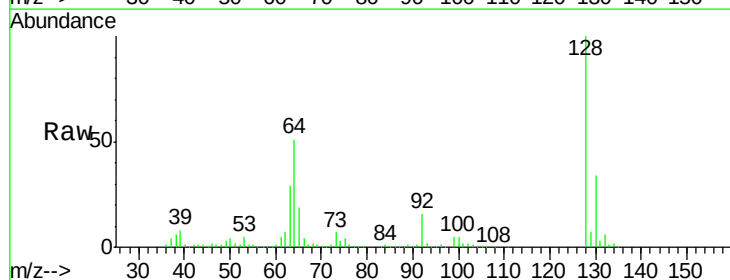
Tgt Ion: 128 Resp: 364100

Ion Ratio Lower Upper

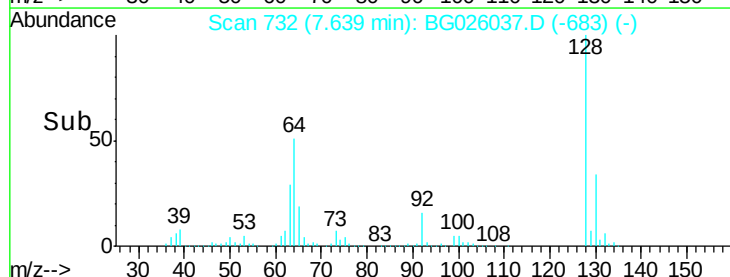
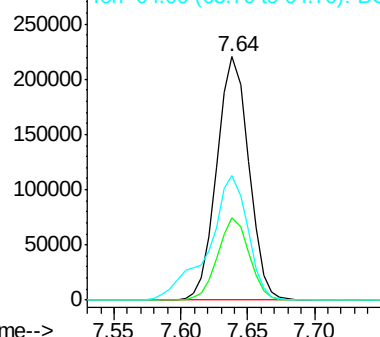
128 100

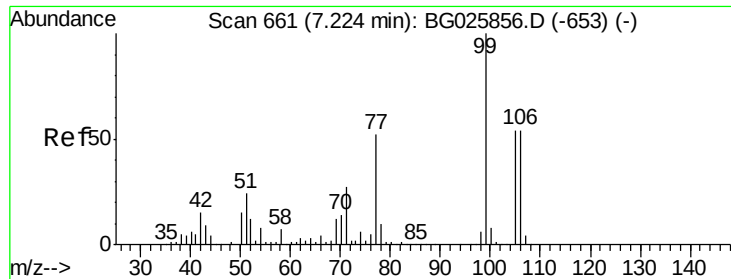
130 33.7 11.4 51.4

64 51.1 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 15.45 ng

RT: 7.20 min Scan# 658

Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

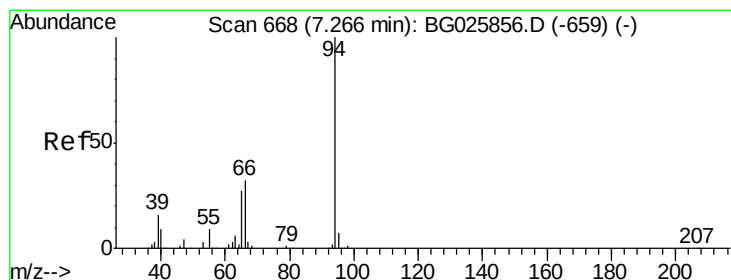
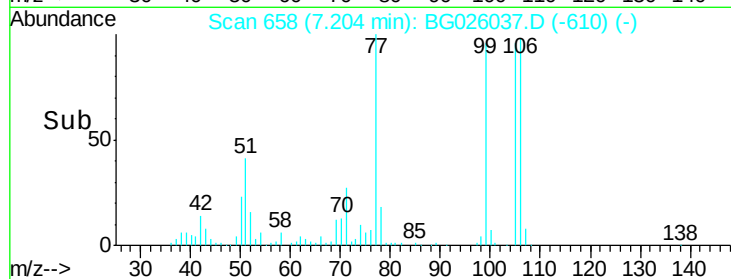
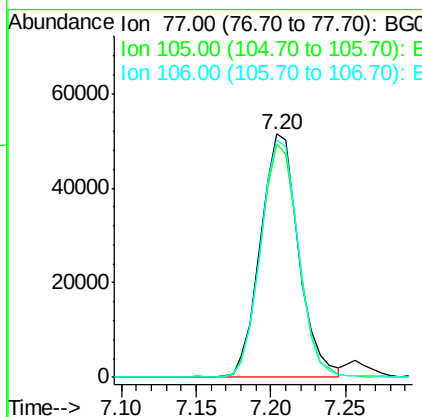
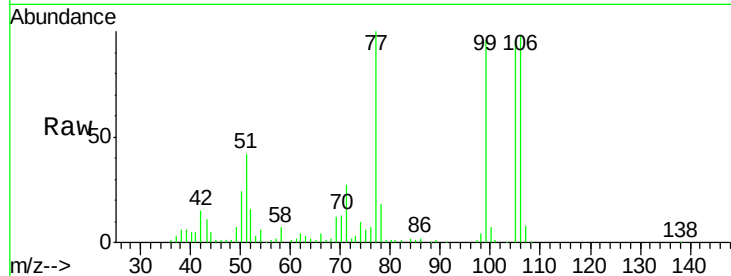
ClientSampleId :

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Tgt Ion:	77	Resp:	91173
Ion Ratio	Lower	Upper	
77	100		
105	95.9	60.9	100.9
106	97.6	55.1	95.1#

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#10

Phenol

Concen: 44.46 ng

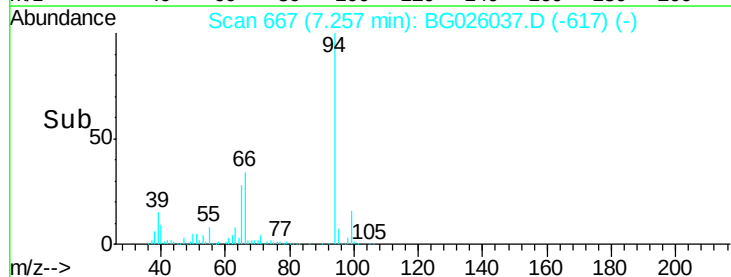
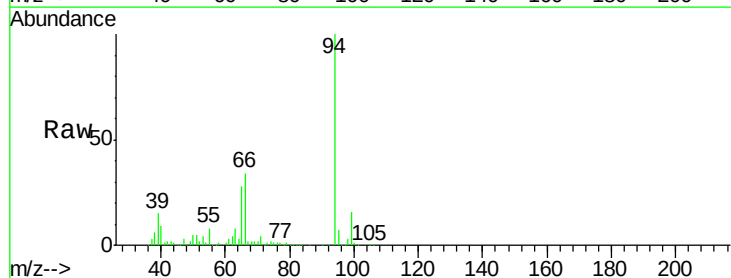
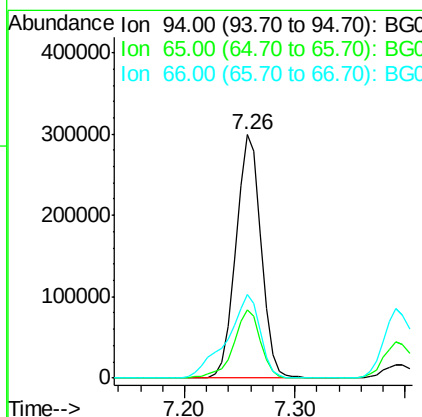
RT: 7.26 min Scan# 667

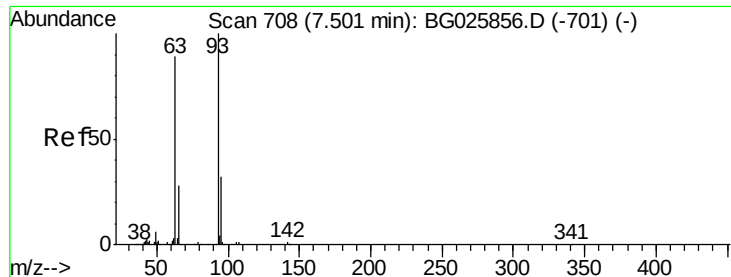
Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:	94	Resp:	481015
Ion Ratio	Lower	Upper	
94	100		
65	28.1	20.6	60.6
66	34.4	35.5	75.5#





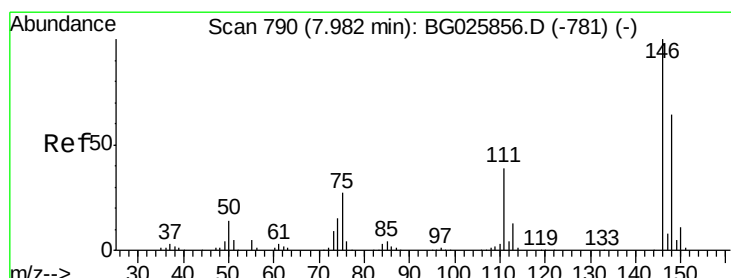
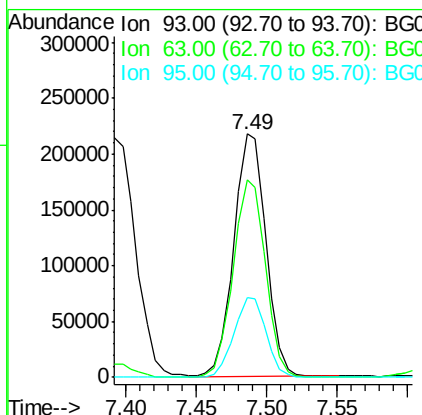
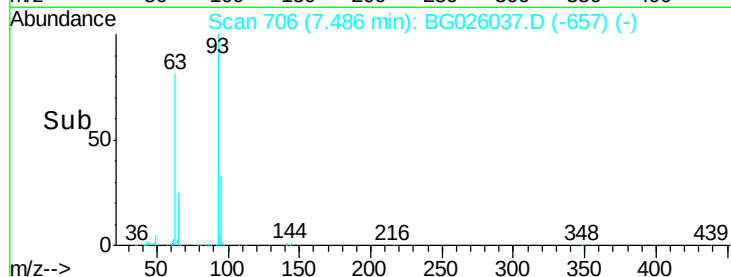
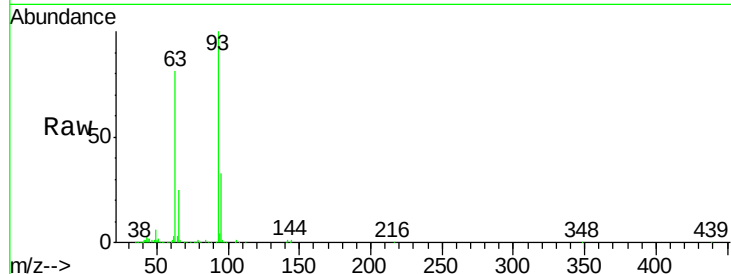
#11
bis(2-Chloroethyl)ether
Concen: 38.78 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	344852		
63	81.0	78.5	118.5	
95	32.8	9.8	49.8	

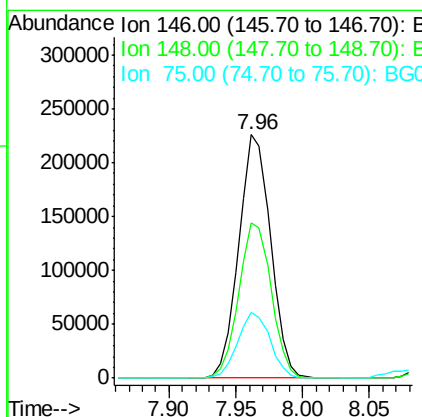
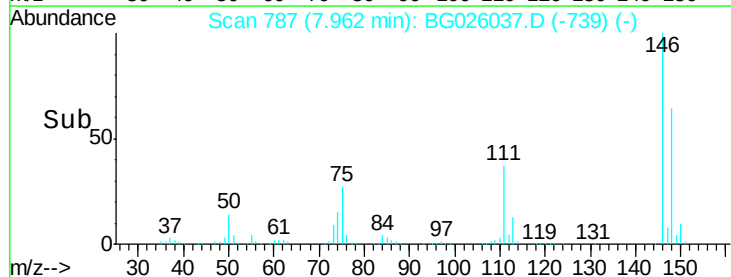
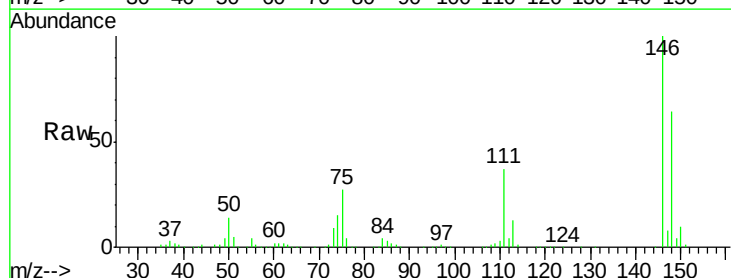
Manual Integrations
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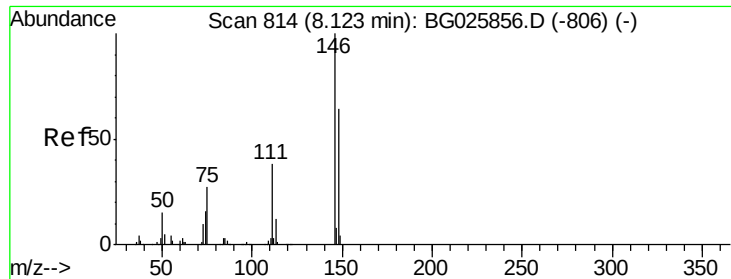
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.43 ng
RT: 7.96 min Scan# 787
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	373708		
148	63.6	49.2	73.8	
75	27.2	33.4	50.2	





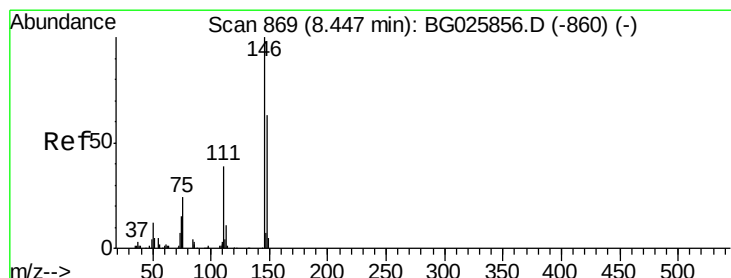
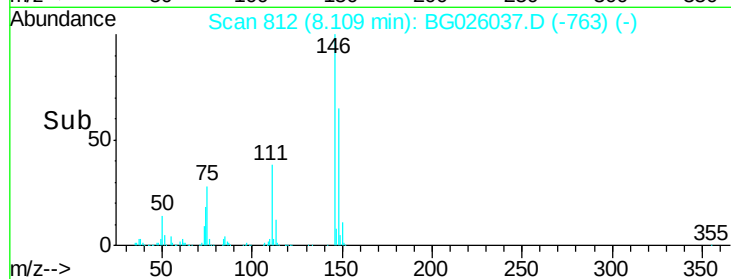
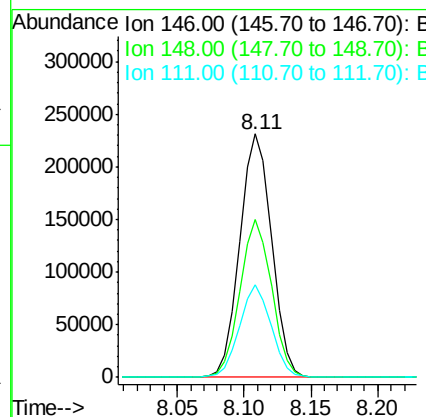
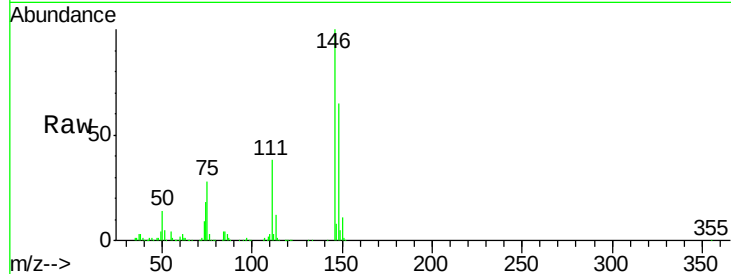
#13
1,4-Dichlorobenzene
Concen: 40.84 ng
RT: 8.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	38.1	37.0	55.6

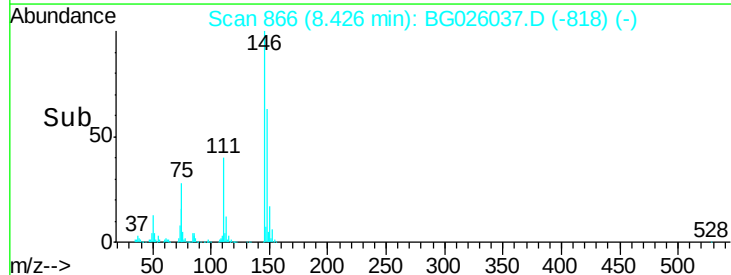
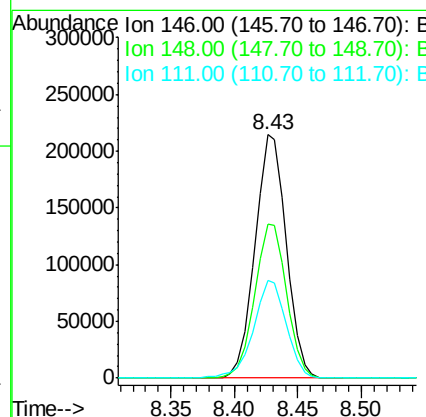
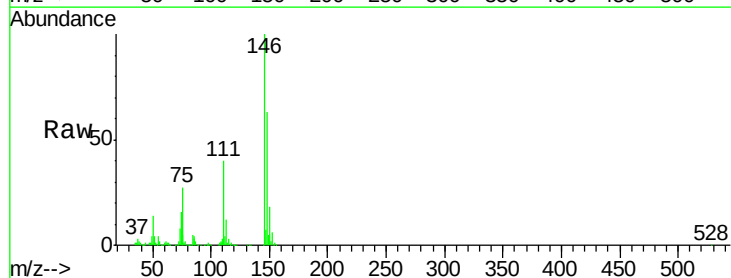
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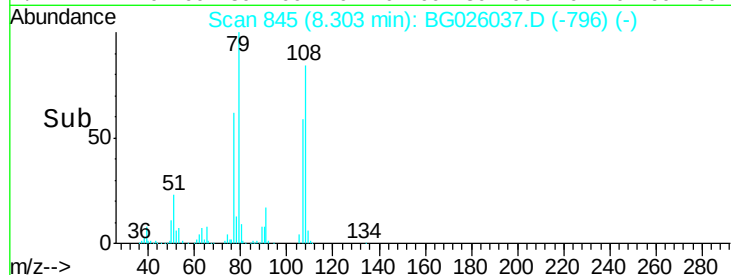
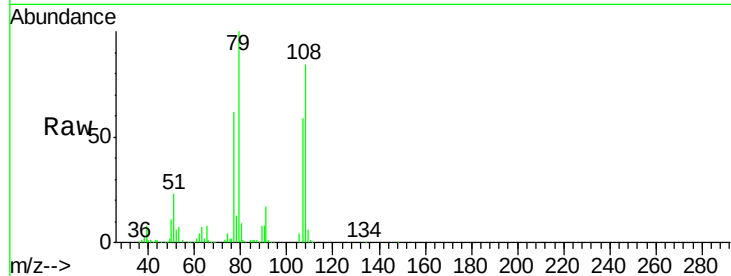
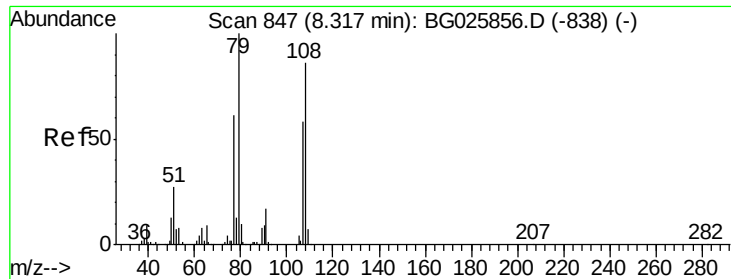
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#14
1,2-Dichlorobenzene
Concen: 40.21 ng
RT: 8.43 min Scan# 866
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	54.6	81.8
111	40.0	39.7	59.5





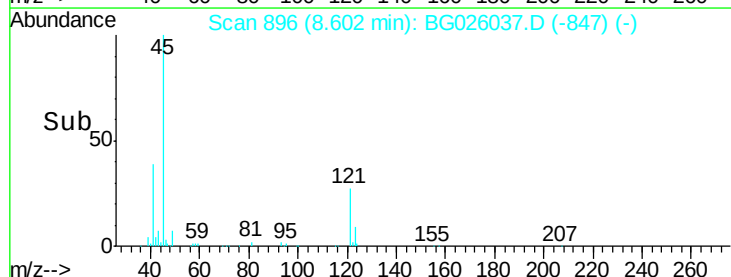
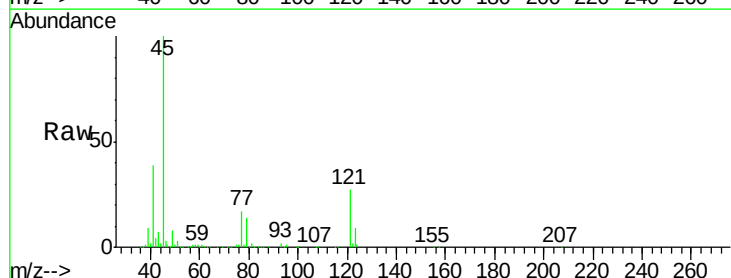
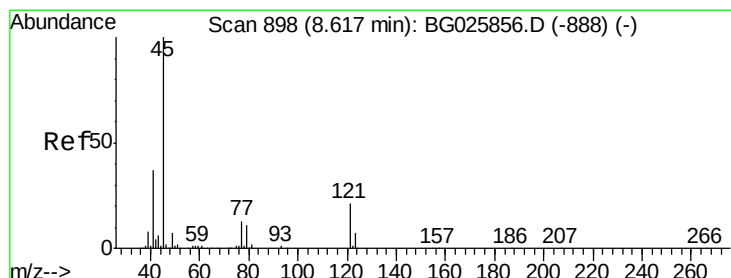
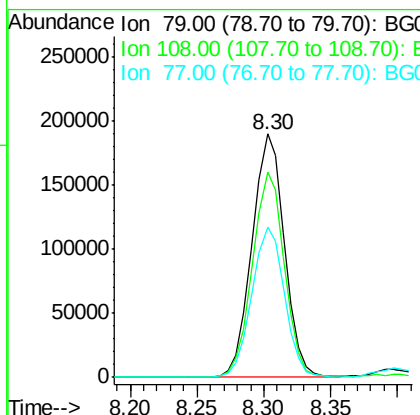
#15
Benzyl Alcohol
Concen: 43.37 ng
RT: 8.30 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
79	100		
108	84.4	45.5	68.3#
77	61.6	54.3	81.5

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

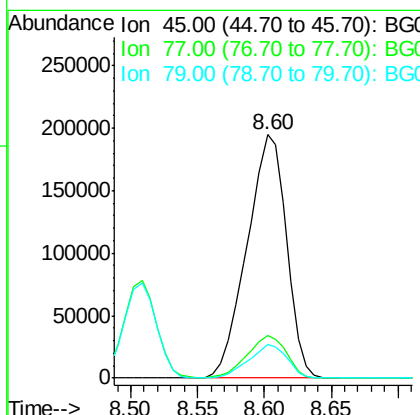
Manual Integrations
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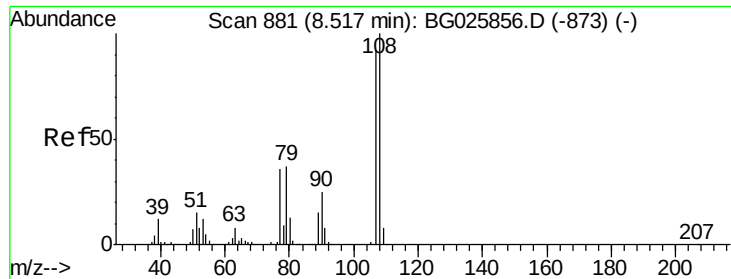
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.85 ng
RT: 8.60 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	30.6
79	14.0	0.0	28.5





#17

2-Methylphenol

Concen: 41.17 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

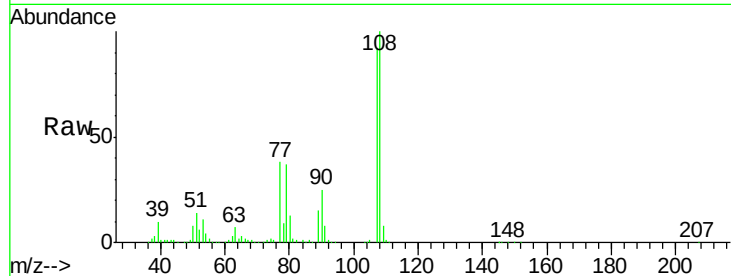
ClientSampleId :

4B-20MSD

Tgt Ion:	107	Resp:	320922
Ion Ratio	Lower	Upper	
107	100		
108	108.6	85.6	128.4
77	41.2	51.4	77.2#
79	39.7	49.2	73.8#

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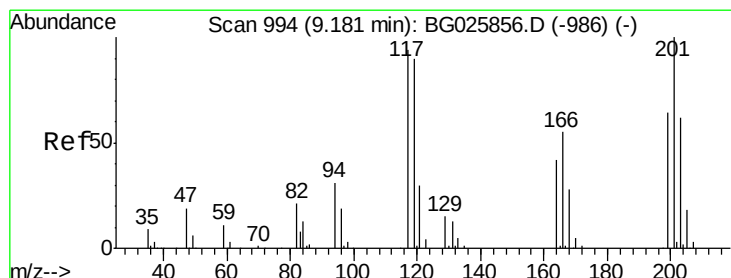
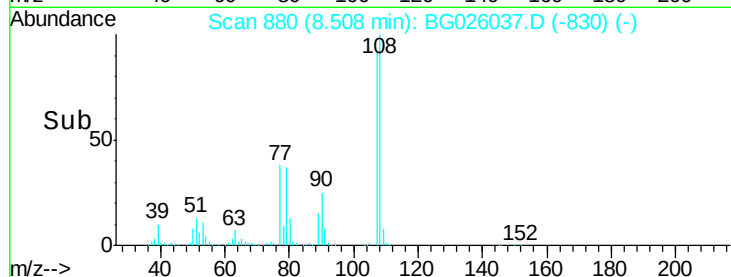
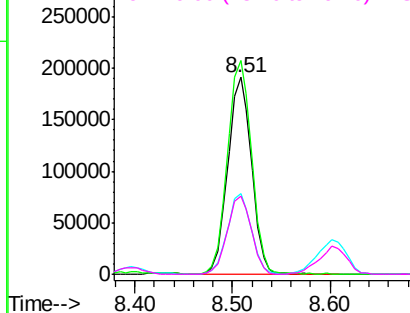
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.28 ng

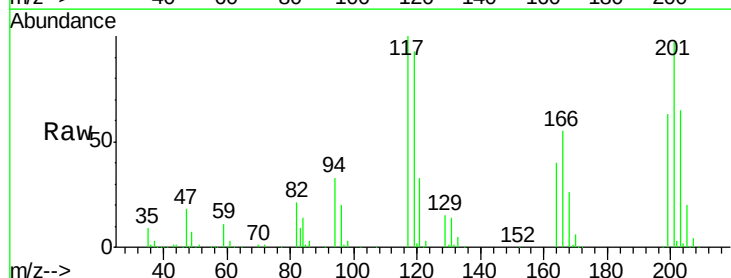
RT: 9.16 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:	117	Resp:	131210
Ion Ratio	Lower	Upper	
117	100		
119	93.3	69.8	104.6
201	97.4	95.4	143.0

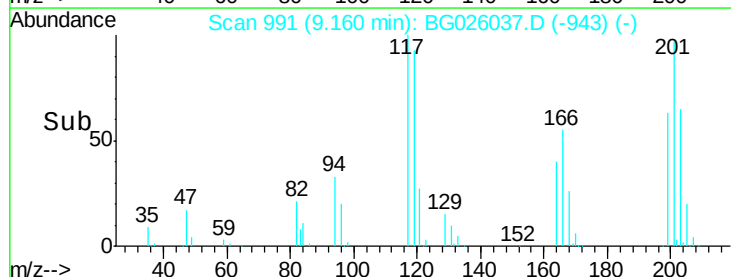
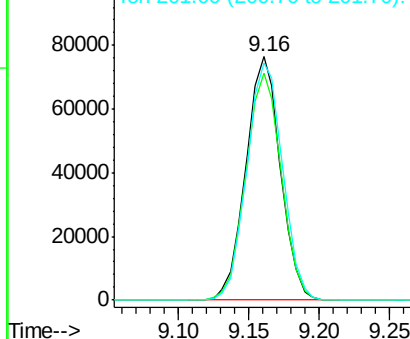


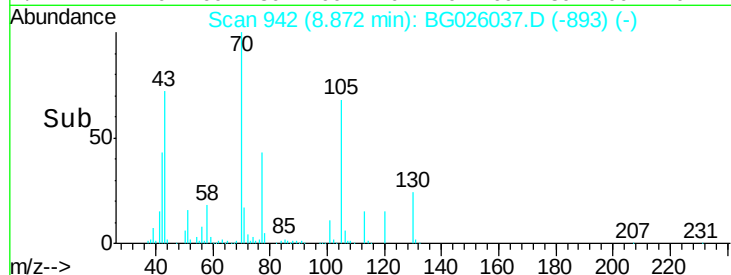
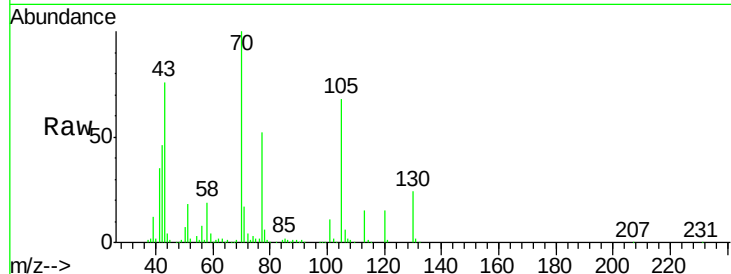
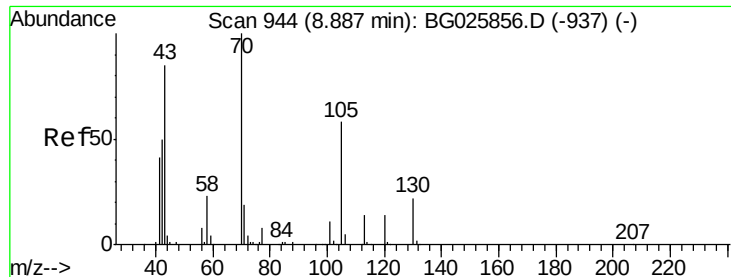
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





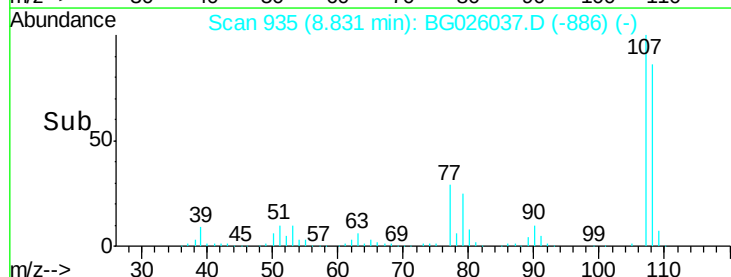
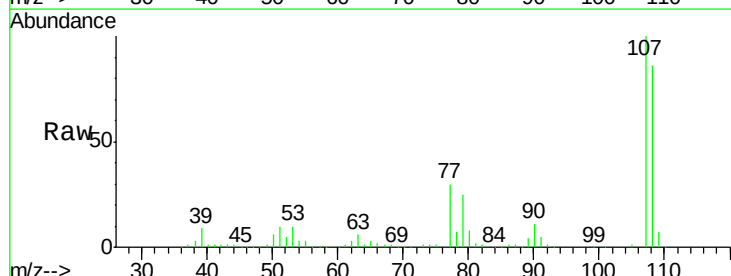
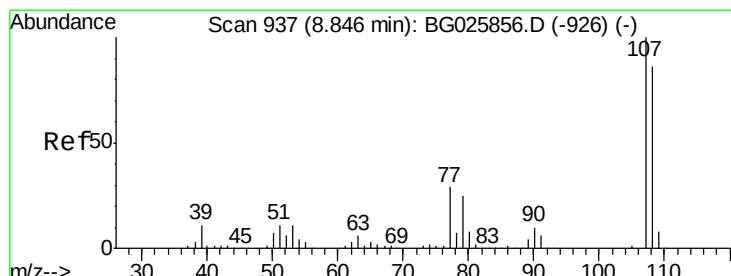
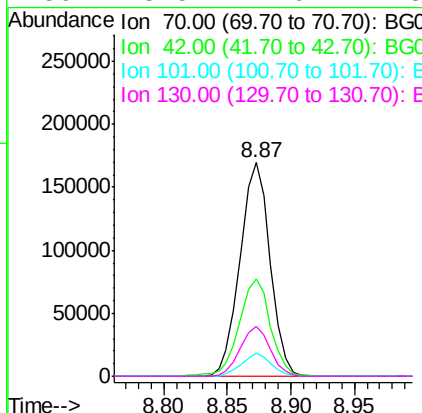
#19
n-Nitroso-di-n-propylamine
Concen: 38.25 ng
RT: 8.87 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampled :
4B-20MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.7	56.1	84.1#
101	11.0	7.5	11.3
130	23.5	14.6	21.8#

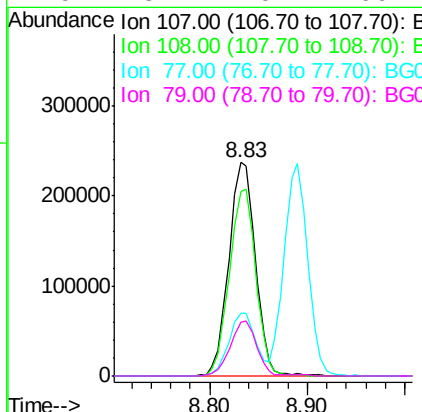
Manual Integrations
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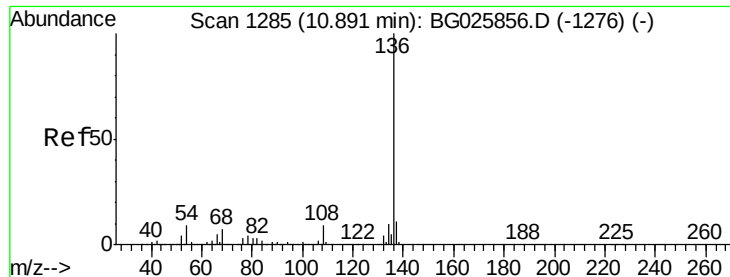
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#20
3+4-Methylphenols
Concen: 40.33 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	70.8	110.8
77	29.6	25.8	65.8
79	25.1	20.1	60.1





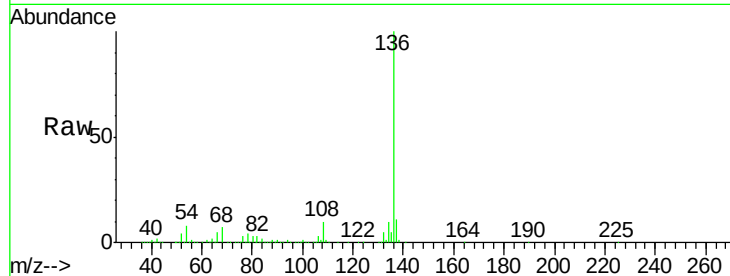
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

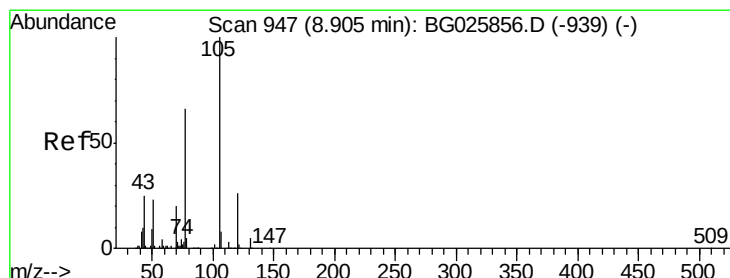
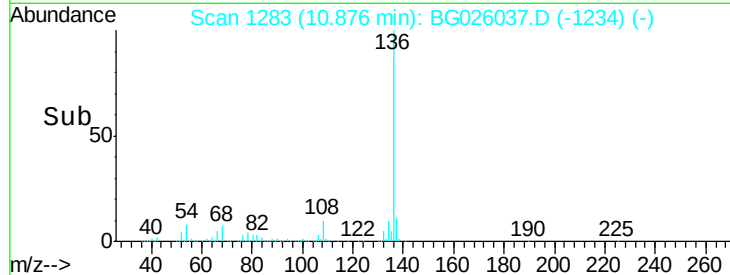
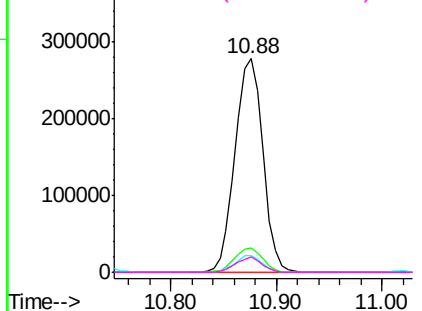
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	505302		
137	11.2	8.9	13.3	
54	7.6	9.3	13.9	
68	7.0	5.1	7.7	

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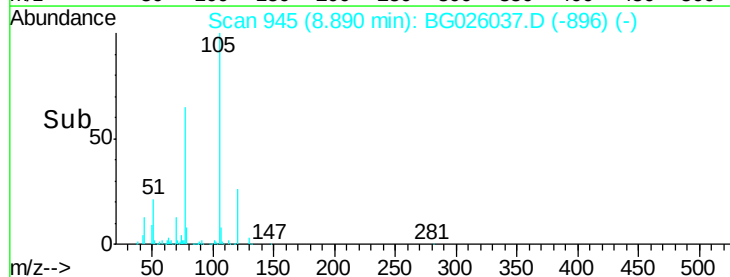
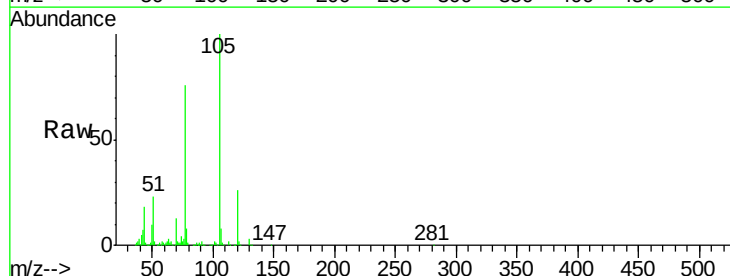
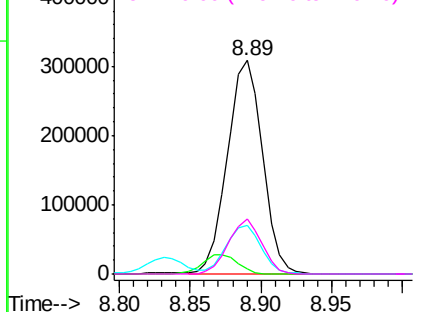
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

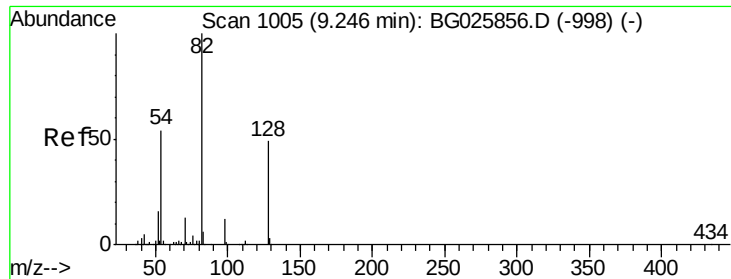


#22
Acetophenone
Concen: 44.03 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	533848		
71	2.2	0.9	1.3	
51	22.7	34.0	51.0	
120	25.6	17.3	25.9	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





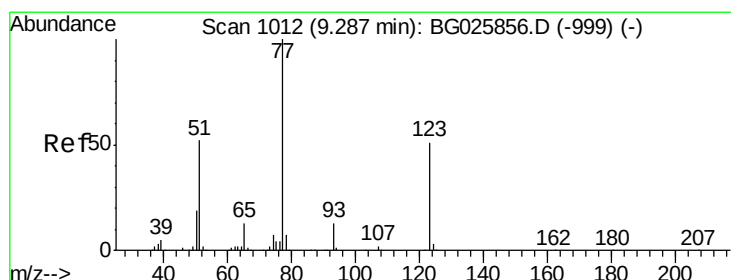
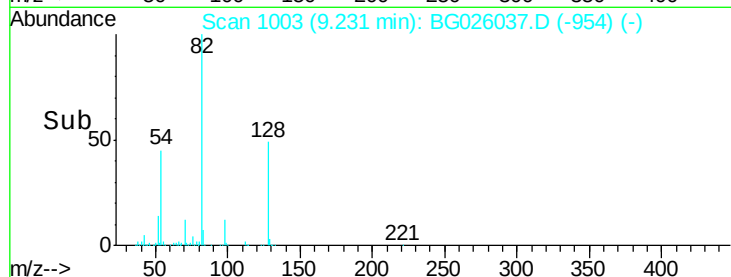
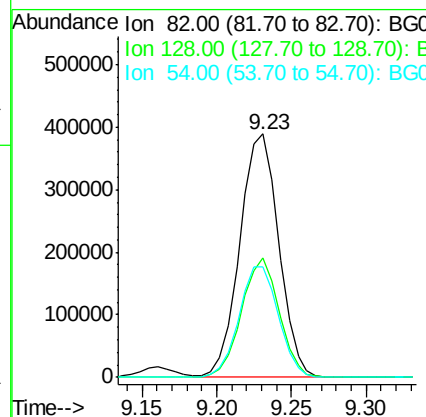
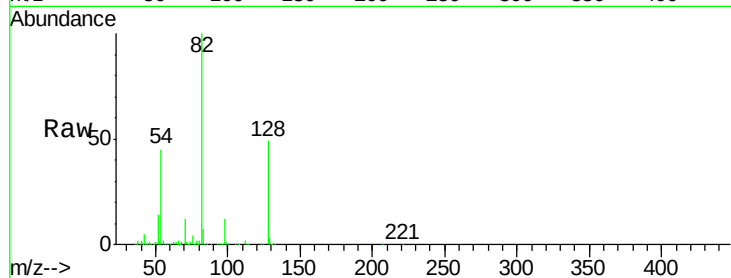
#23
Nitrobenzene-d5
Concen: 87.81 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.1	26.4	39.6#
54	45.4	49.4	74.2#

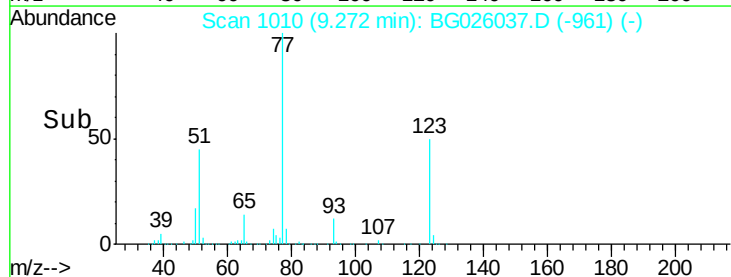
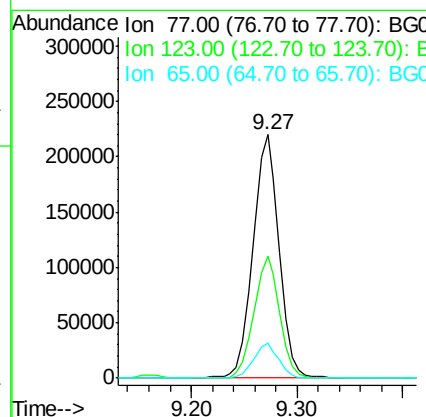
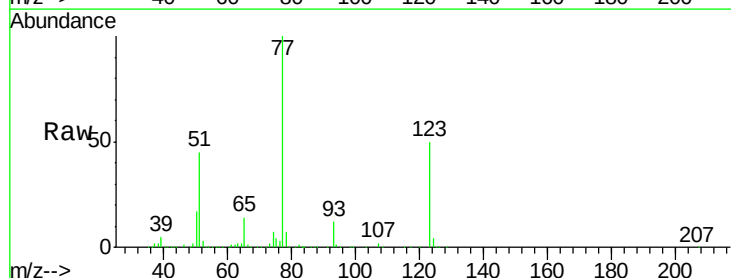
Manual Integrations
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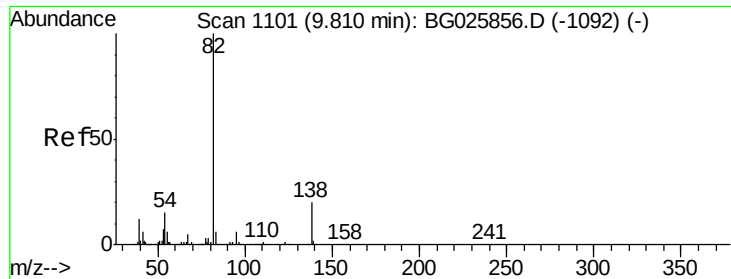
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#24
Nitrobenzene
Concen: 43.42 ng
RT: 9.27 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	26.1	39.1#
65	14.4	12.4	18.6





#25

Isophorone

Concen: 43.57 ng

RT: 9.79 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

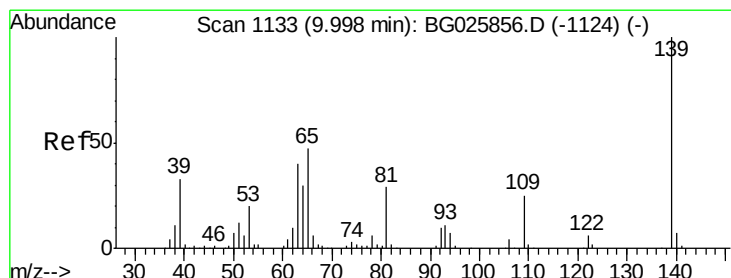
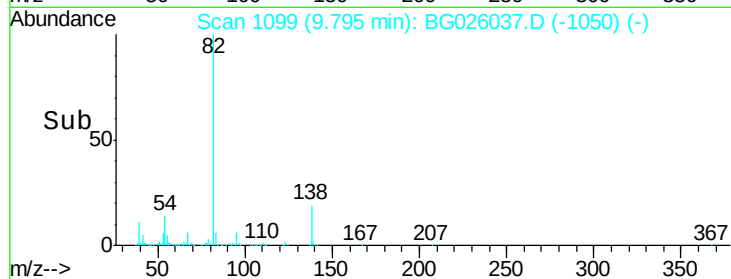
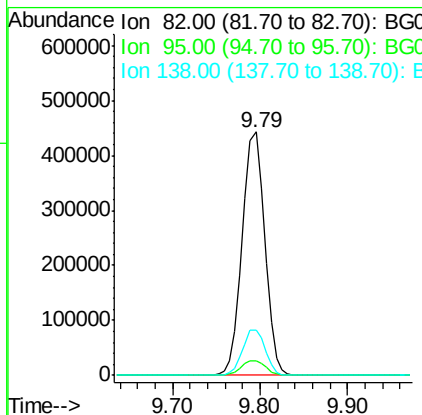
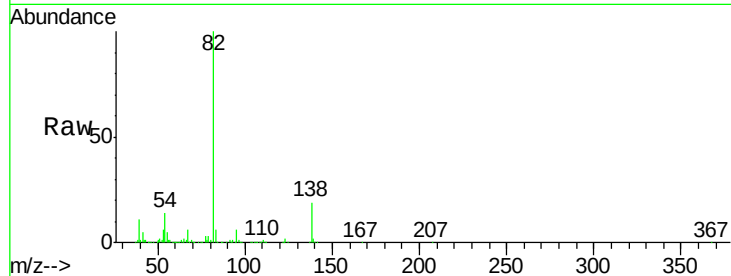
ClientSampleId :

4B-20MSD

Tgt Ion:	82	Resp:	767755
Ion Ratio		Lower	Upper
82	100		
95	6.1	7.5	11.3#
138	18.5	12.3	18.5#

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#26

2-Nitrophenol

Concen: 49.89 ng

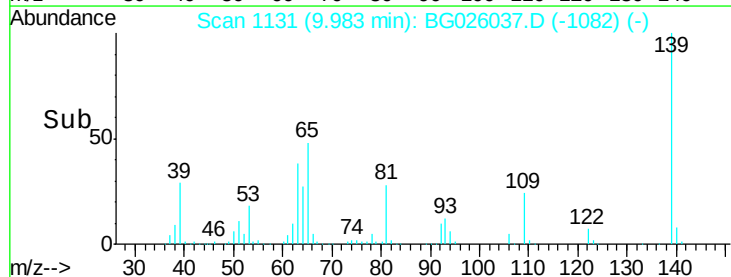
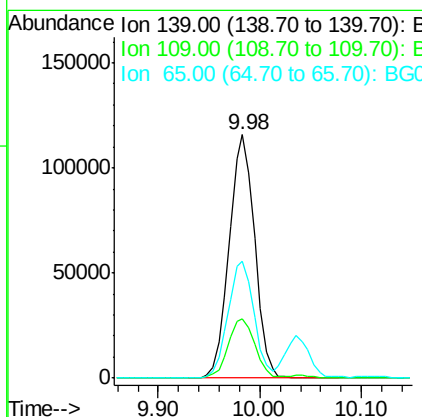
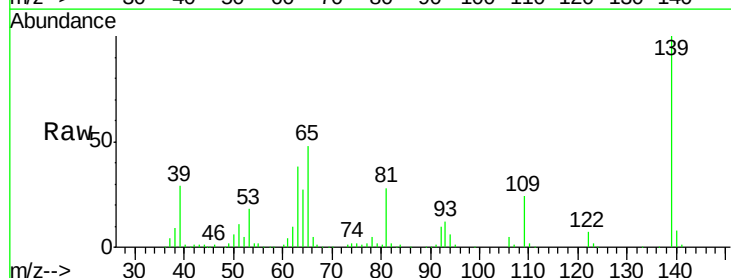
RT: 9.98 min Scan# 1131

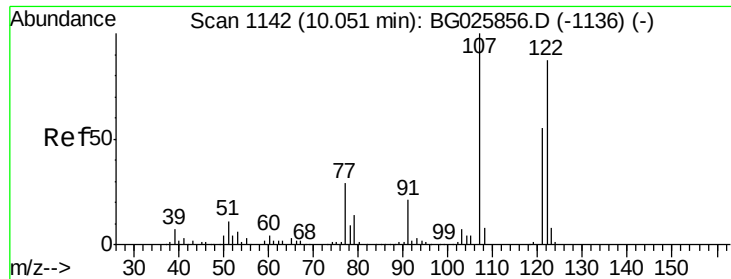
Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:	139	Resp:	201984
Ion Ratio		Lower	Upper
139	100		
109	24.4	38.6	58.0#
65	47.8	57.1	85.7#





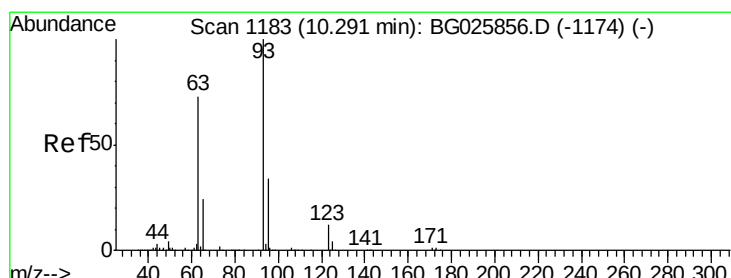
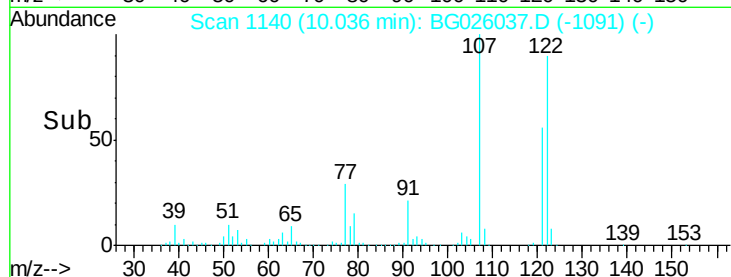
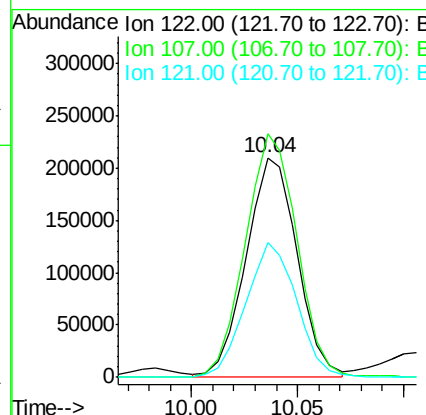
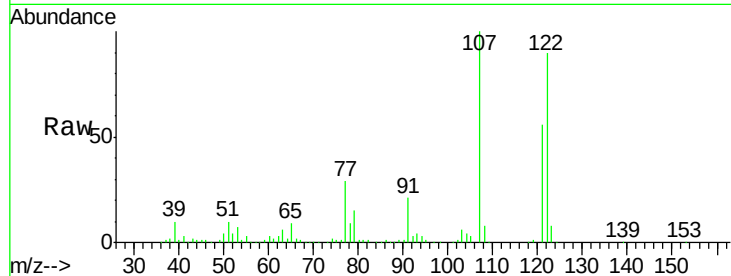
#27
 2,4-Dimethylphenol
 Concen: 46.42 ng
 RT: 10.04 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.9	104.2	156.4
121	61.7	46.0	69.0

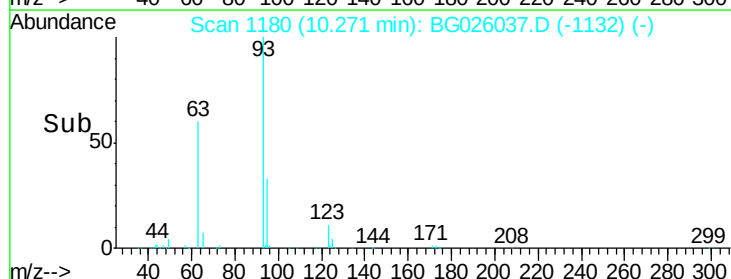
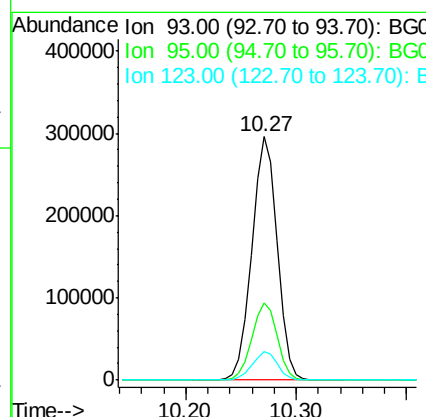
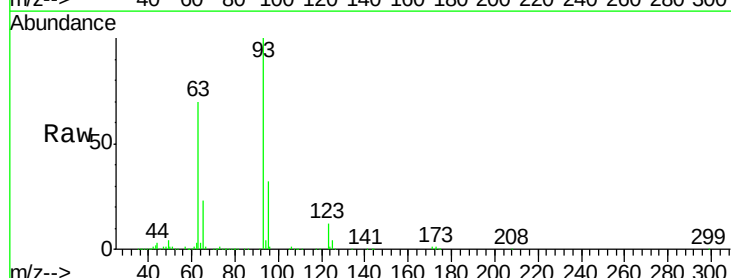
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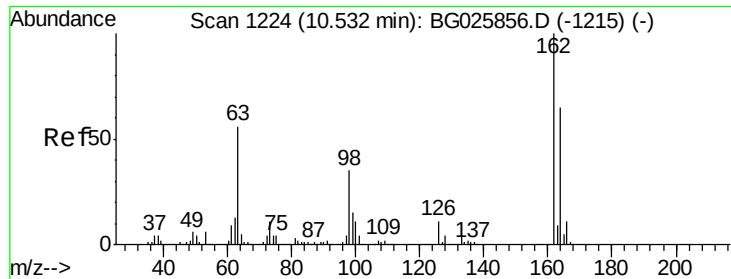
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.73 ng
 RT: 10.27 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	11.7	8.3	12.5





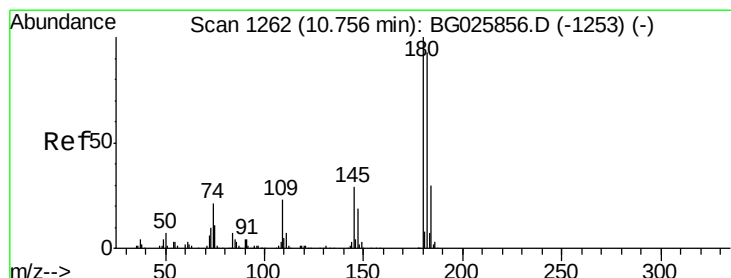
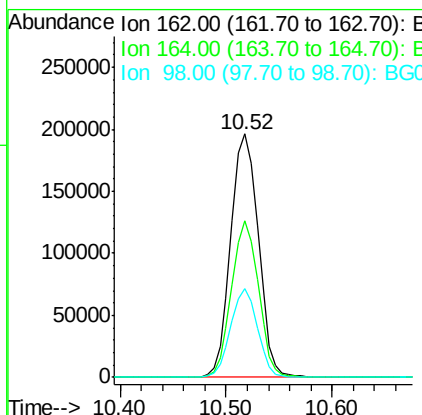
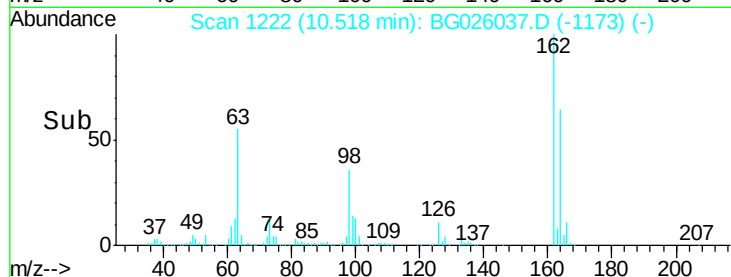
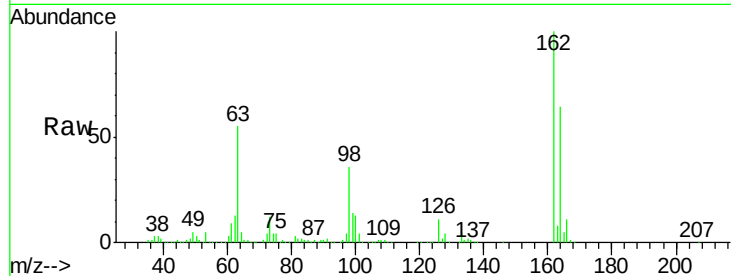
#29
2,4-Dichlorophenol
Concen: 49.28 ng
RT: 10.52 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampled :
4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	355465		
164	64.2	42.4	82.4	
98	36.4	20.3	60.3	

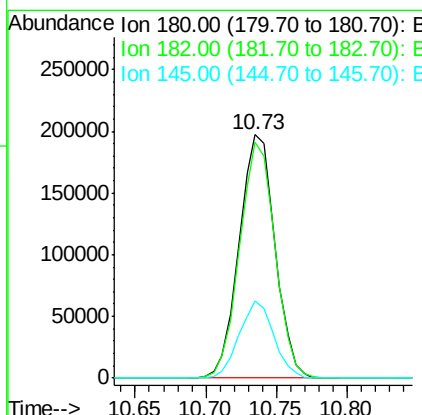
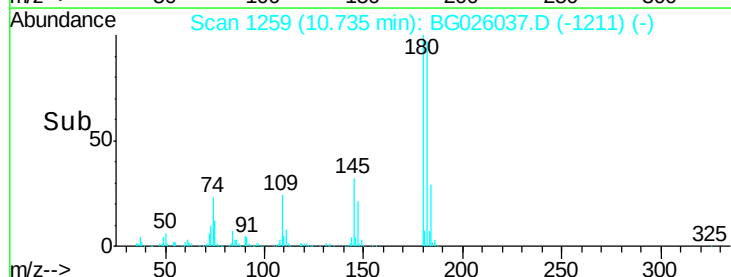
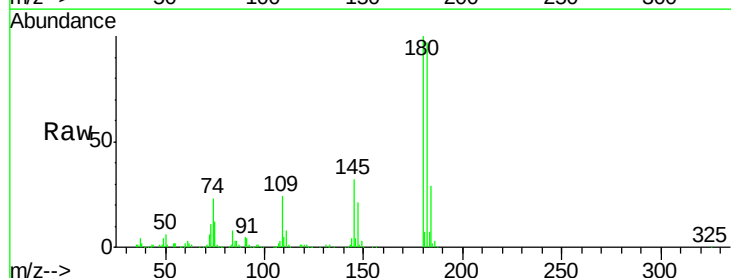
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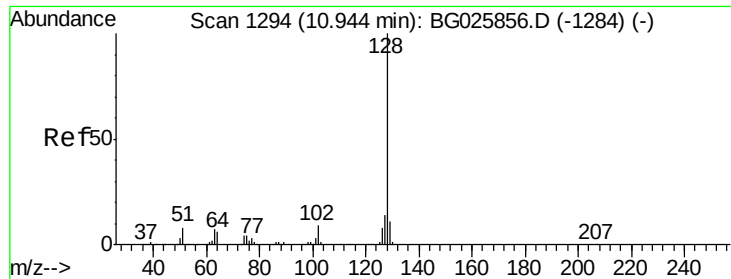
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#30
1,2,4-Trichlorobenzene
Concen: 44.61 ng
RT: 10.73 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	349947		
182	96.8	77.0	115.4	
145	31.8	23.4	35.0	





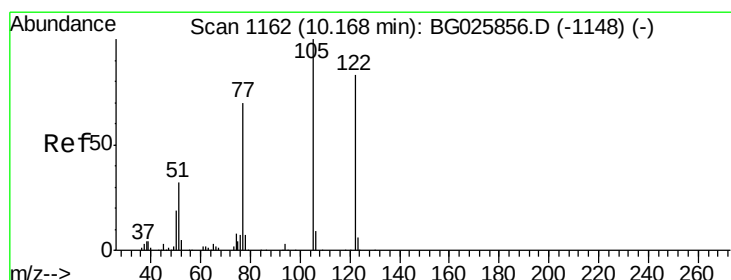
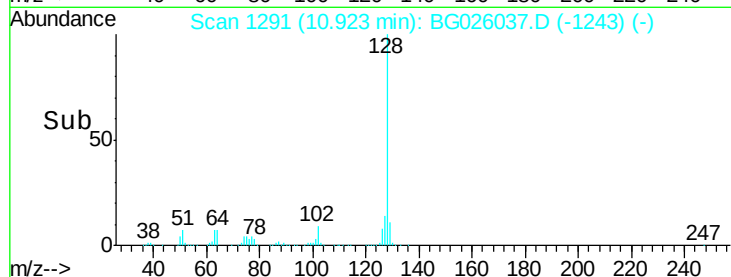
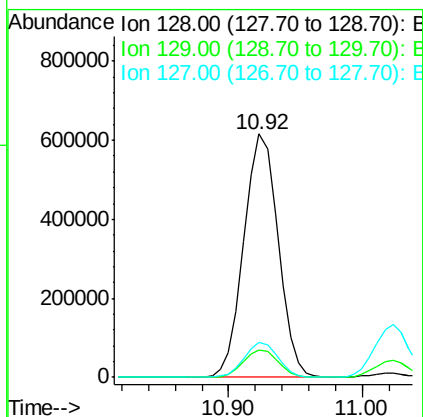
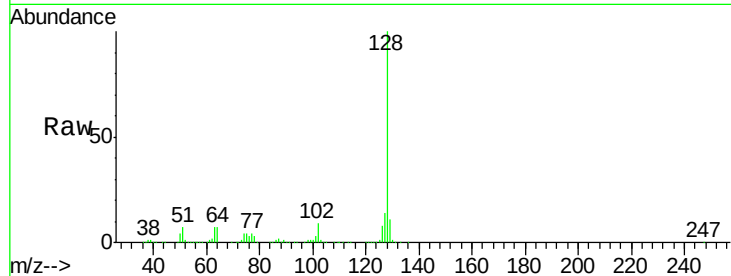
#31
Naphthalene
Concen: 41.99 ng
RT: 10.92 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	14.3	11.4	17.0

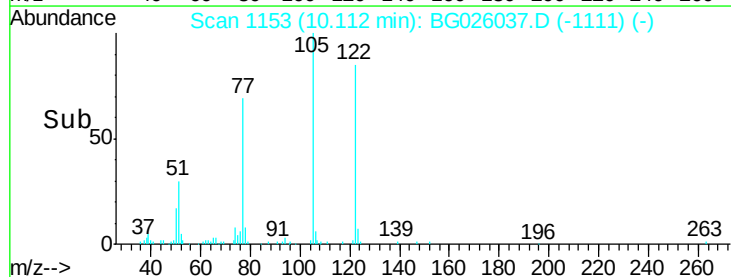
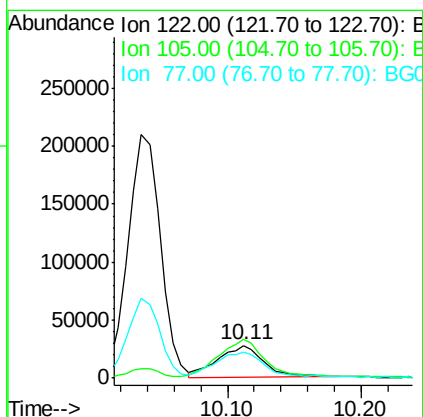
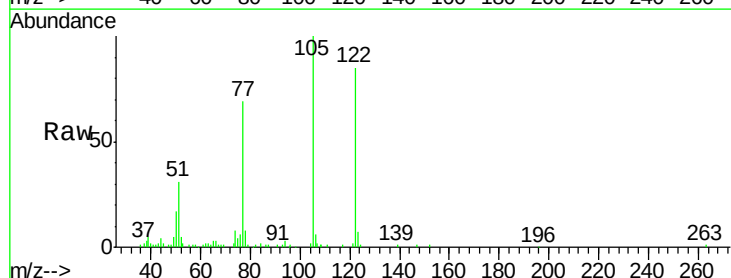
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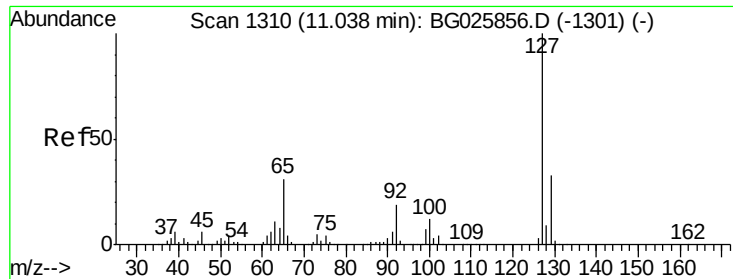
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#32
Benzoic acid
Concen: 11.17 ng
RT: 10.11 min Scan# 1153
Delta R.T. -0.06 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.8	120.1	160.1#
77	81.6	104.6	144.6#





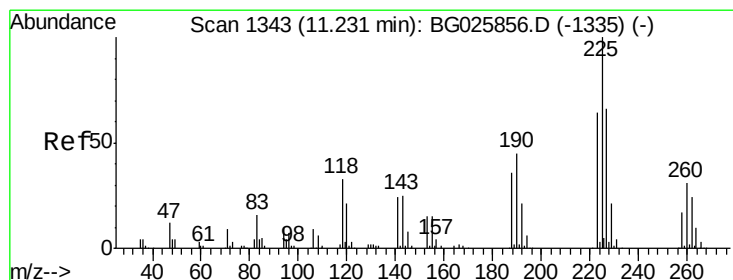
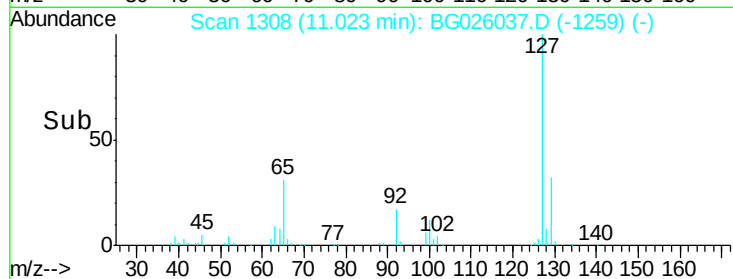
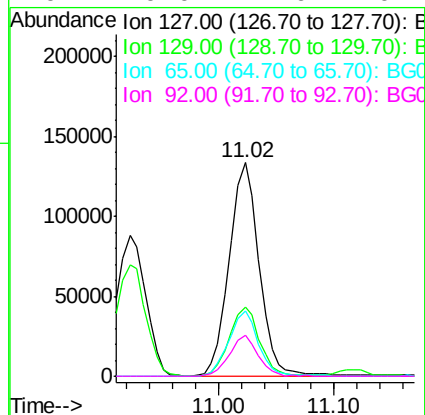
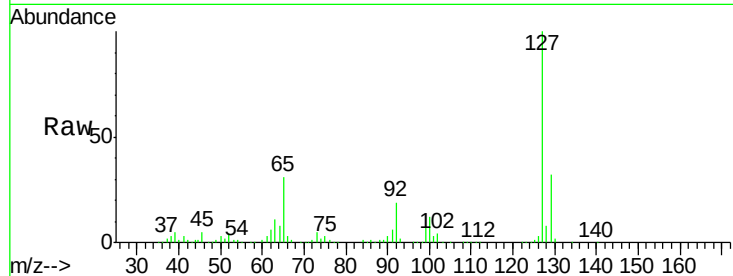
#33
4-Chloroaniline
Concen: 21.25 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	241166		
129	32.3	23.6	35.4	
65	30.8	37.7	56.5	
92	19.0	17.6	26.4	

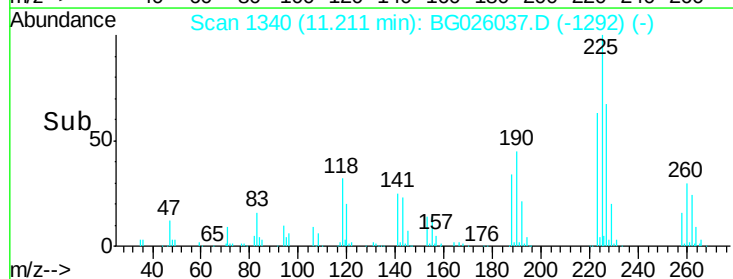
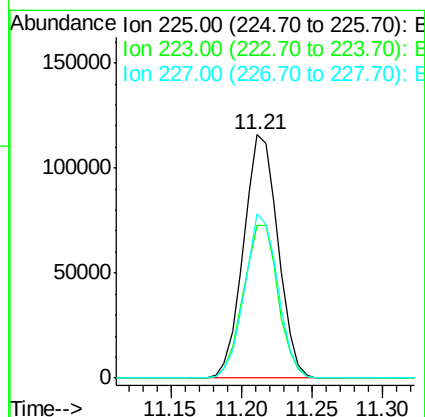
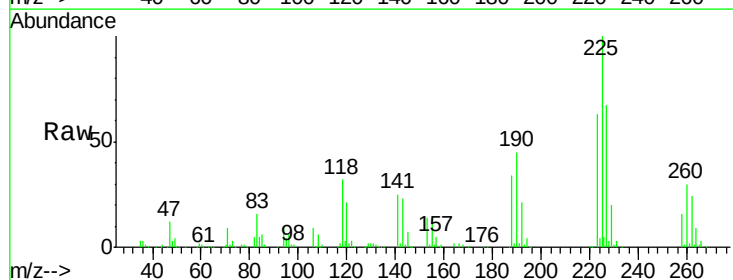
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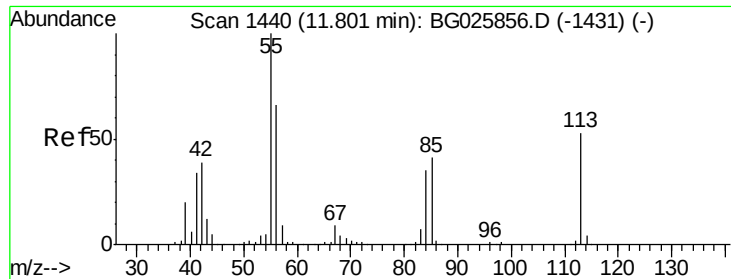
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#34
Hexachlorobutadiene
Concen: 44.36 ng
RT: 11.21 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	198000		
223	62.7	50.7	76.1	
227	67.3	49.0	73.6	





#35

Caprolactam

Concen: 45.21 ng m

RT: 11.78 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

Tgt Ion:113 Resp: 131677

Ion Ratio Lower Upper

113 100

55 153.4 198.6 238.6#

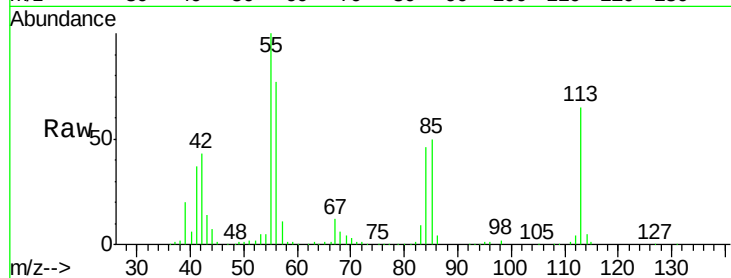
56 118.4 140.4 180.4#

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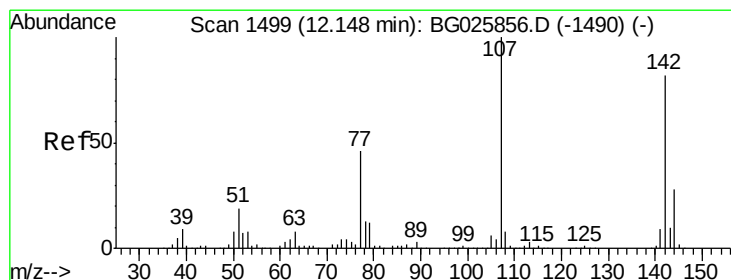
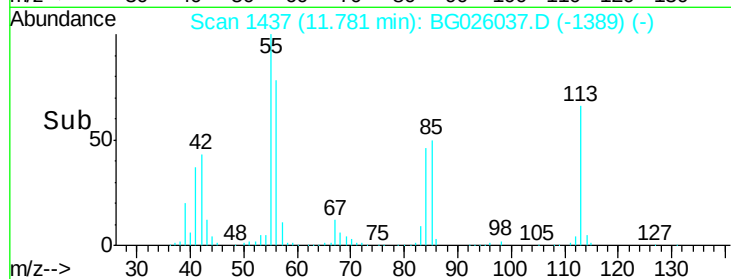
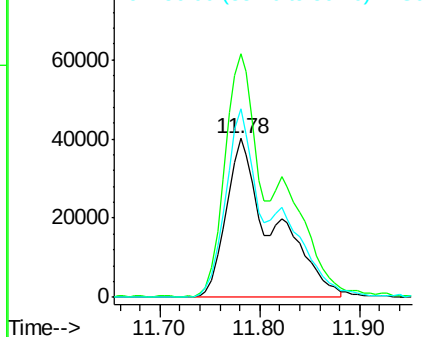
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.11 ng

RT: 12.13 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

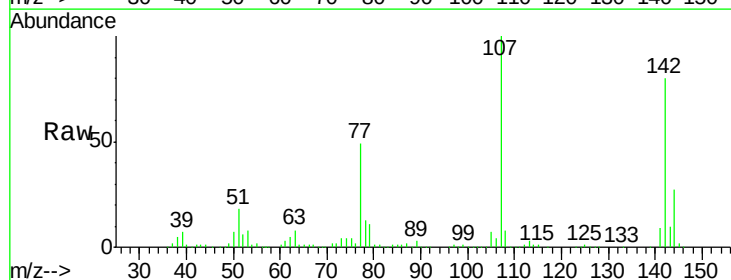
Tgt Ion:107 Resp: 389280

Ion Ratio Lower Upper

107 100

144 27.3 17.4 26.0#

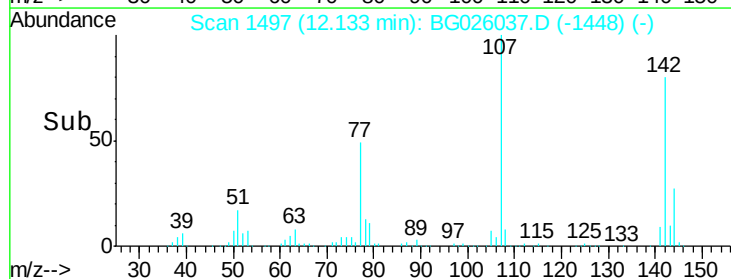
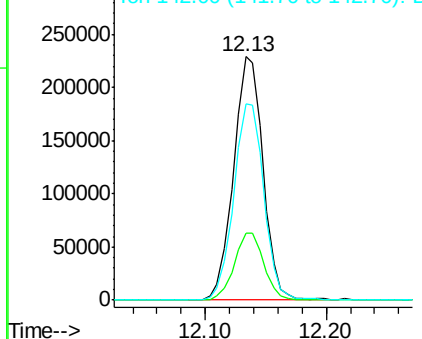
142 80.4 54.1 81.1

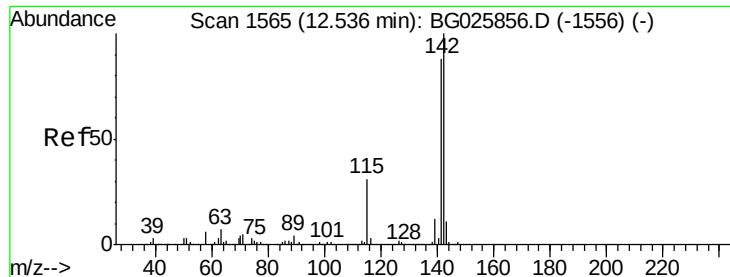


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.08 ng

RT: 12.52 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

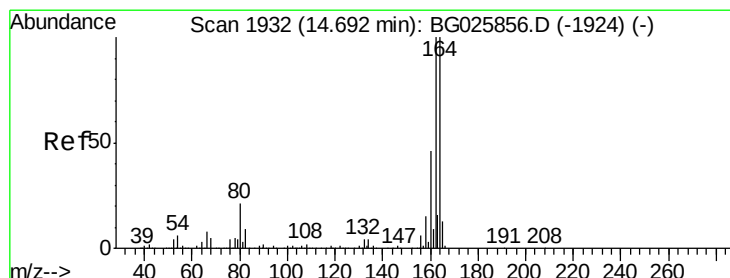
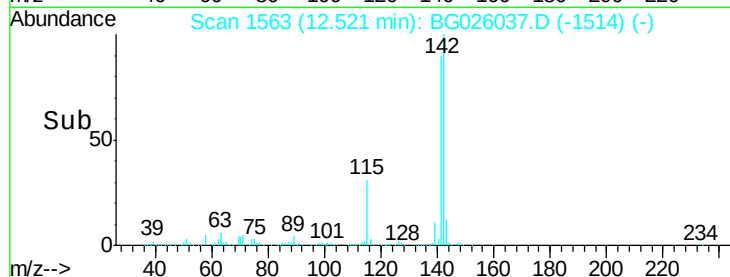
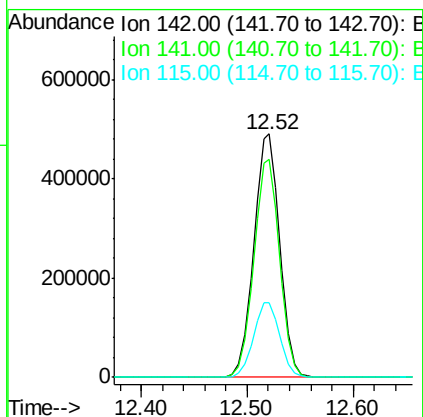
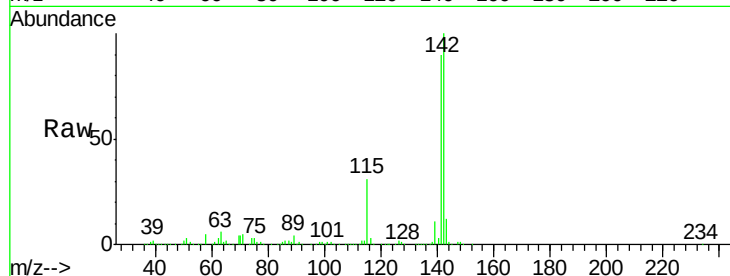
ClientSampleId :

4B-20MSD

Tgt Ion:	142	Resp:	837286
Ion Ratio	Lower	Upper	
142	100		
141	89.7	70.4	105.6
115	30.8	35.5	53.3#

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#38

Acenaphthene-d10

Concen: 20.00 ng

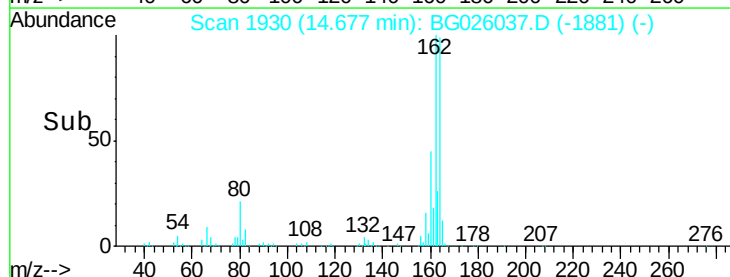
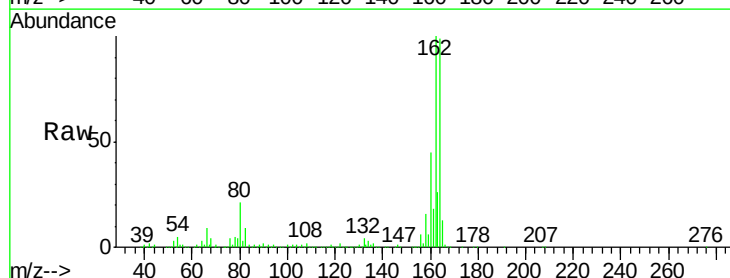
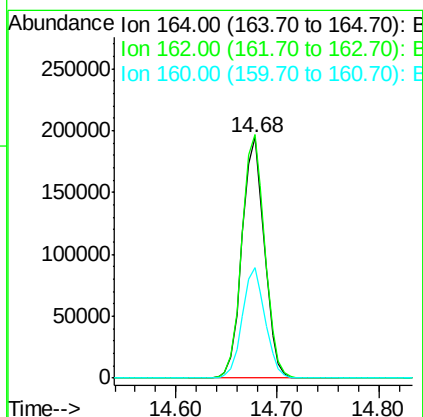
RT: 14.68 min Scan# 1930

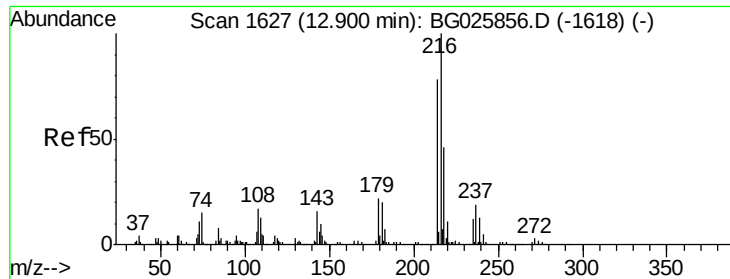
Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:	164	Resp:	297468
Ion Ratio	Lower	Upper	
164	100		
162	101.2	85.1	127.7
160	45.7	34.7	52.1





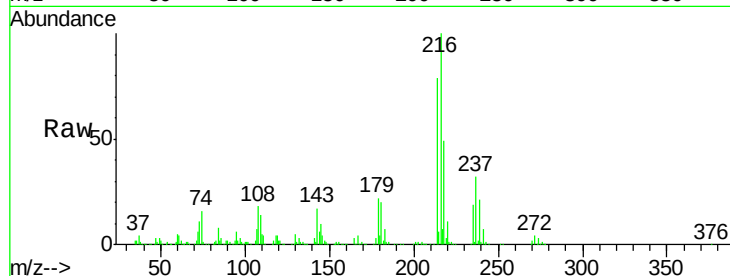
#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.92 ng
RT: 12.89 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

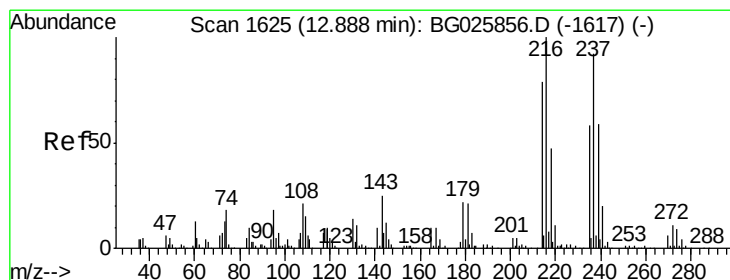
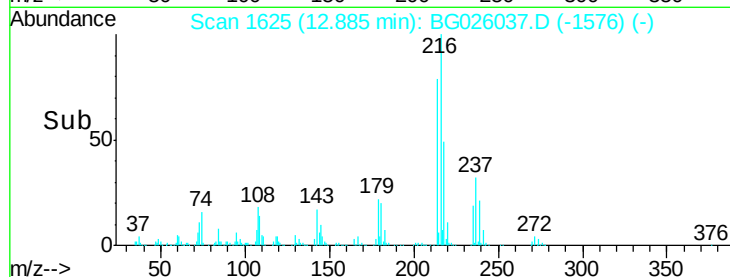
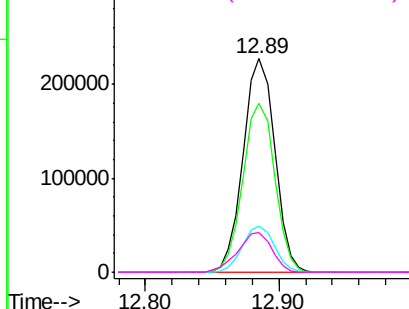
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	372214		
214	79.6	64.4	96.6	
179	21.6	17.4	26.0	
108	20.2	15.6	23.4	

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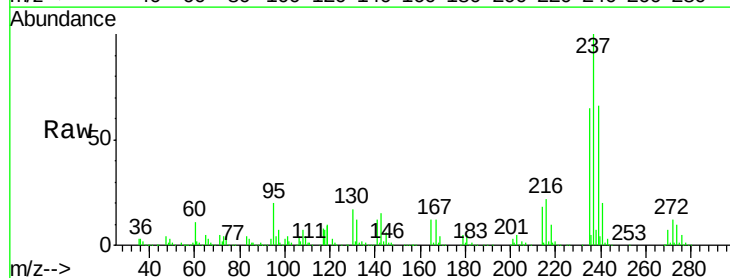


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

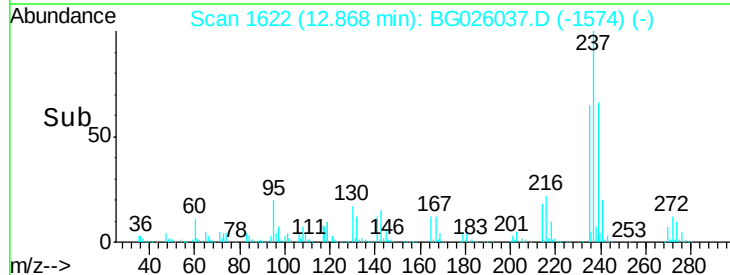
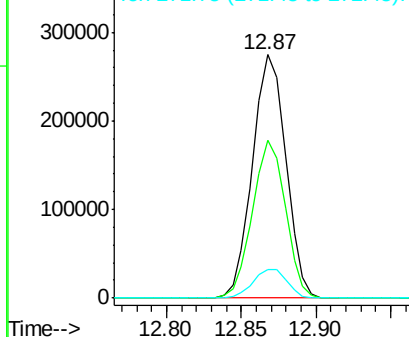


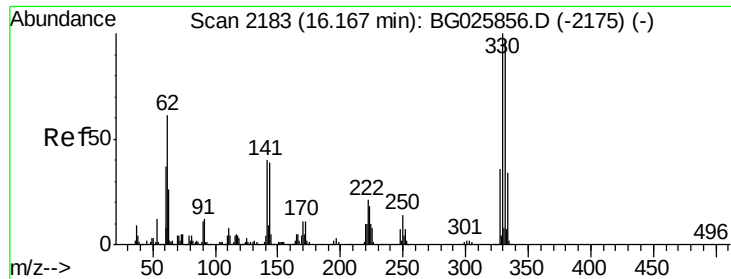
#40
Hexachlorocyclopentadiene
Concen: 104.11 ng
RT: 12.87 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	424758		
235	64.6	39.4	79.4	
272	11.8	0.0	32.0	



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





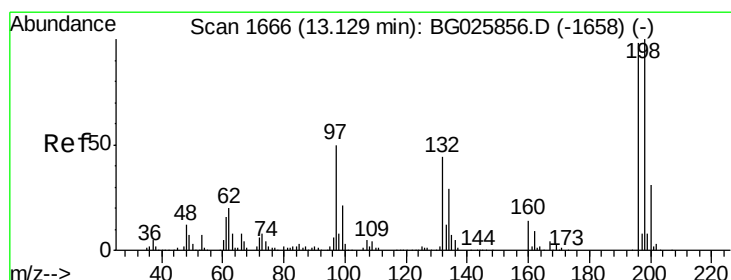
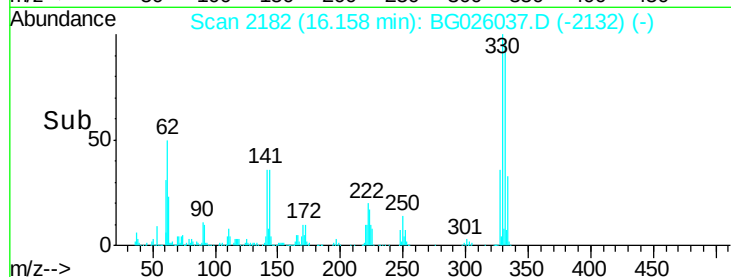
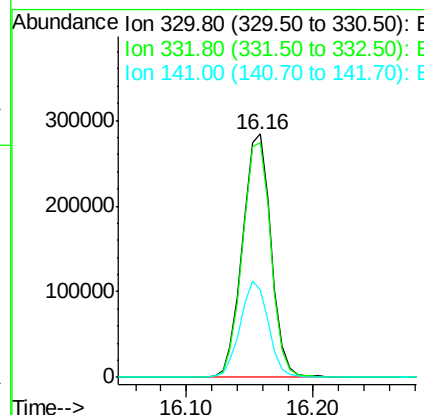
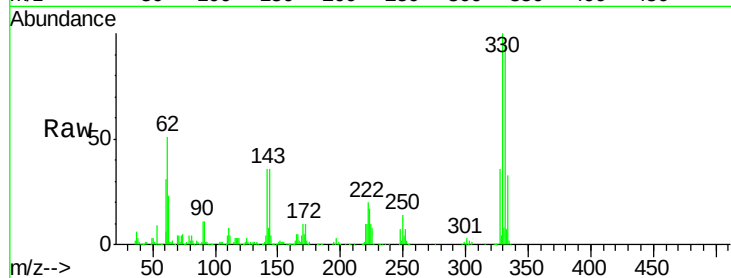
#41
 2,4,6-Tribromophenol
 Concen: 160.56 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	441271		
332	96.7	77.3	115.9	
141	38.9	32.1	48.1	

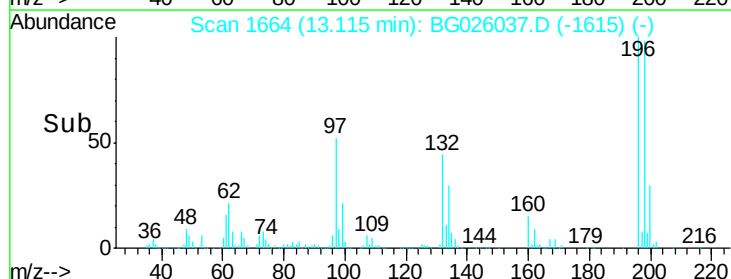
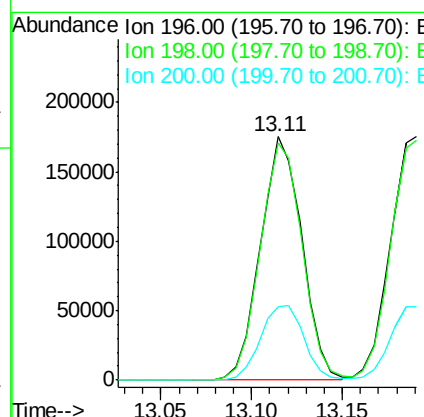
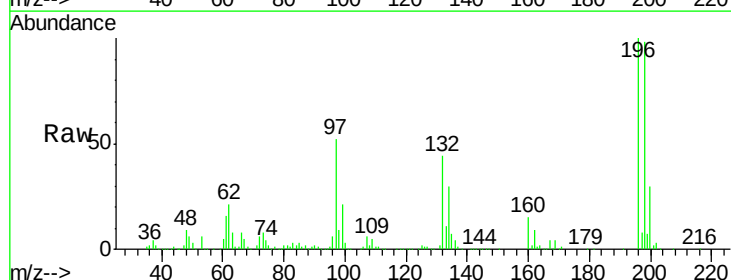
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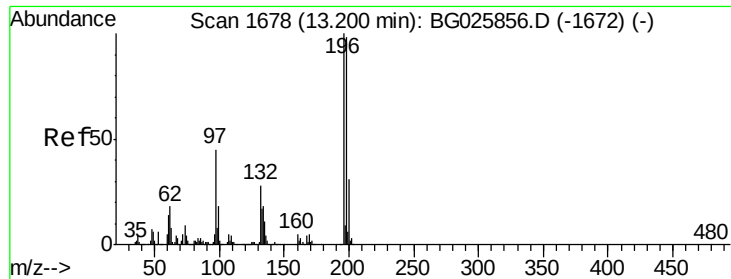
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#42
 2,4,6-Trichlorophenol
 Concen: 57.81 ng
 RT: 13.11 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278376		
198	97.7	81.4	122.2	
200	30.3	27.0	40.6	





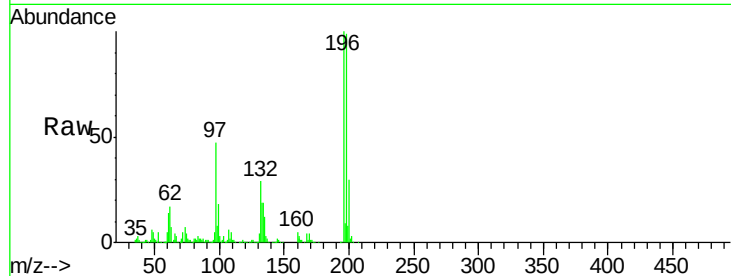
#43
2,4,5-Trichlorophenol
Concen: 52.77 ng
RT: 13.19 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

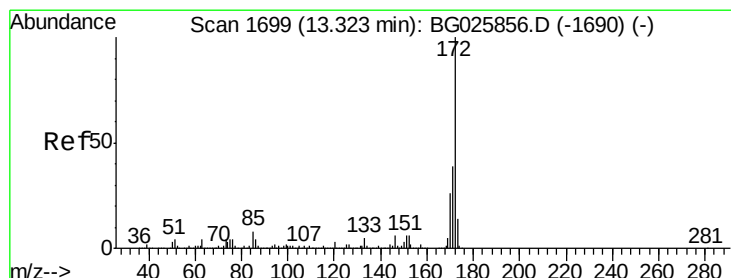
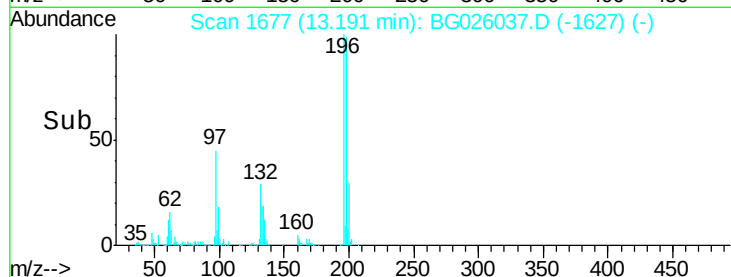
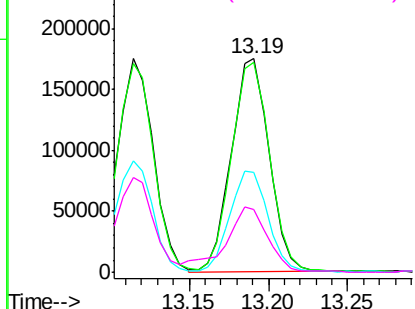
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288481		
198	98.5	79.9	119.9	
97	46.6	45.4	68.0	
132	29.4	20.7	31.1	

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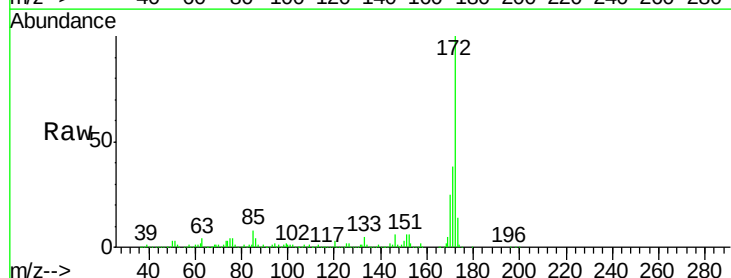


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

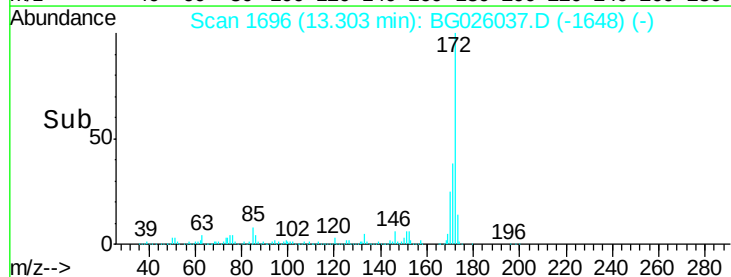
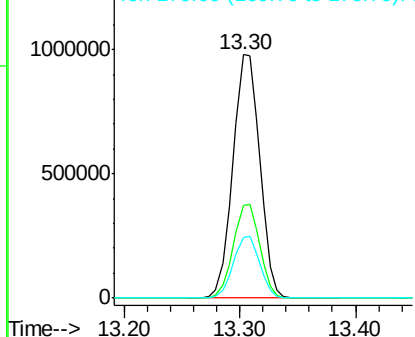


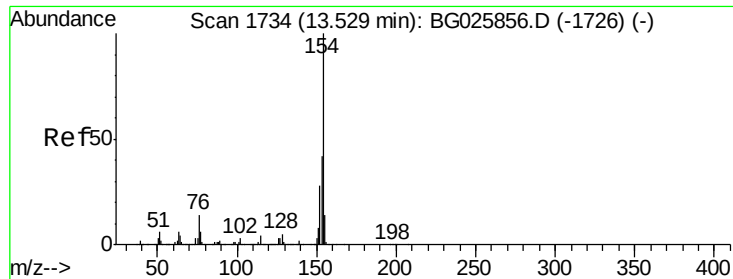
#44
2-Fluorobiphenyl
Concen: 92.62 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1576765		
171	38.2	32.2	48.2	
170	24.8	21.8	32.6	



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





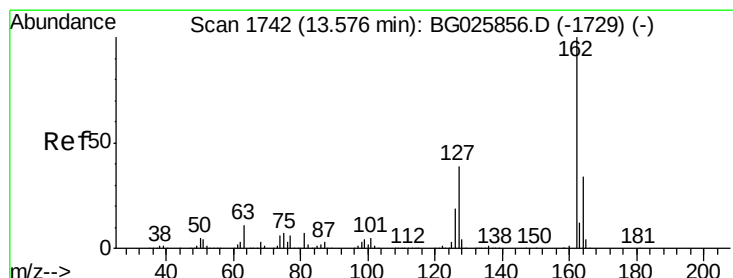
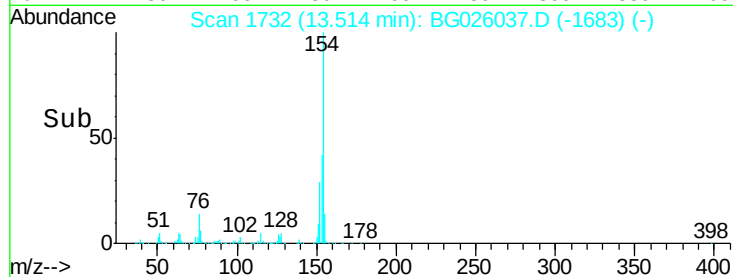
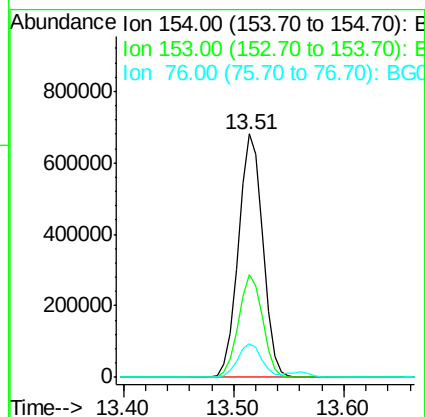
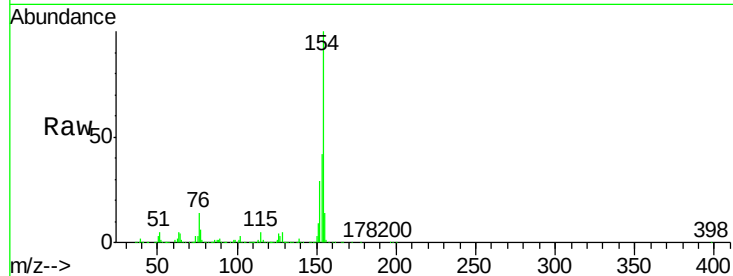
#45
1,1'-Biphenyl
Concen: 49.02 ng
RT: 13.51 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion:154 Resp: 1056667
Ion Ratio Lower Upper
154 100
153 42.5 23.0 63.0
76 13.6 0.0 33.5

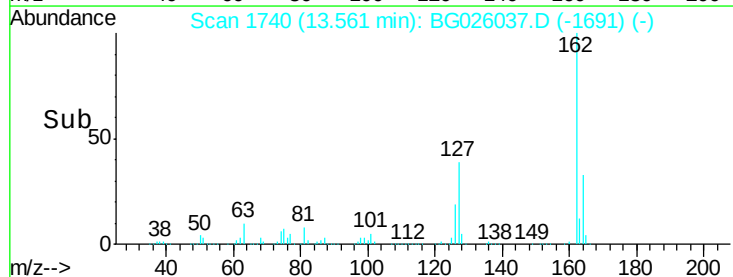
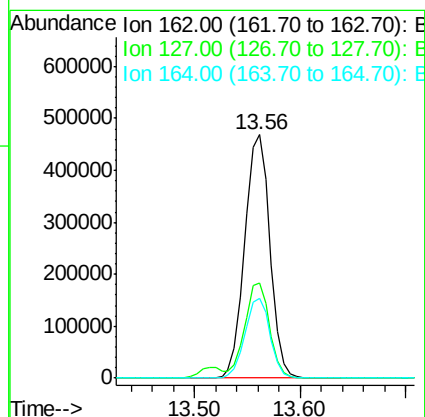
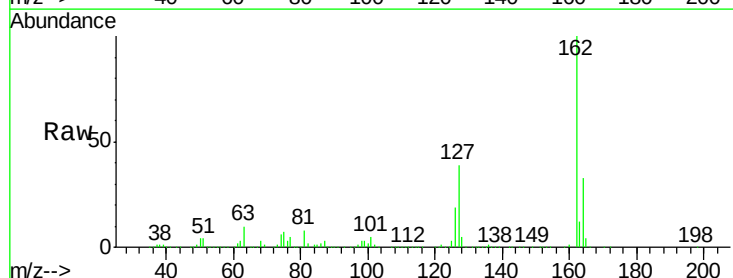
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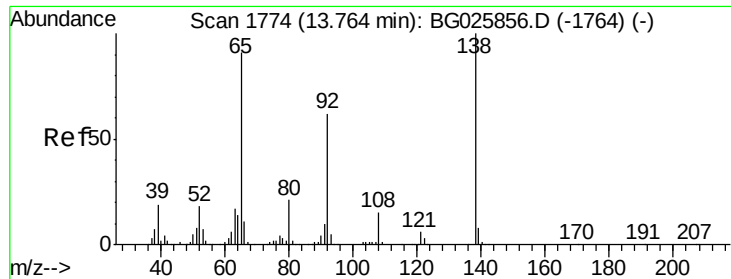
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#46
2-Chloronaphthalene
Concen: 49.74 ng
RT: 13.56 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:162 Resp: 775126
Ion Ratio Lower Upper
162 100
127 39.2 32.2 48.4
164 32.7 27.3 40.9





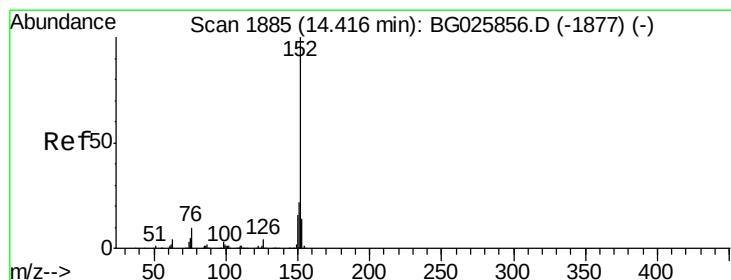
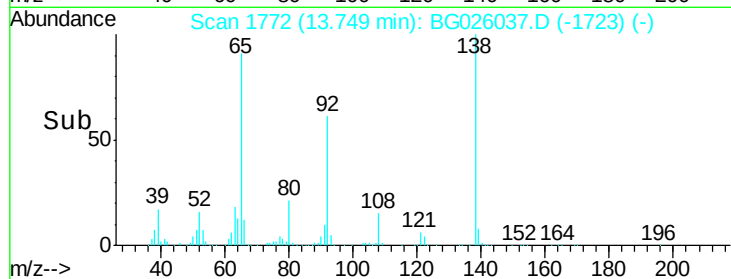
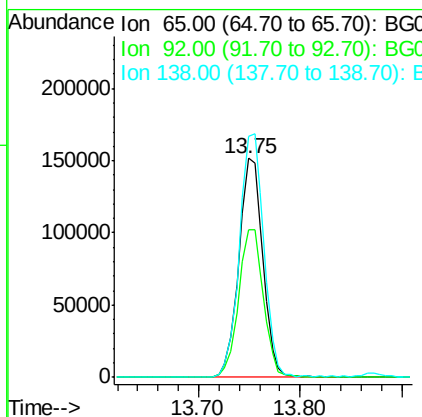
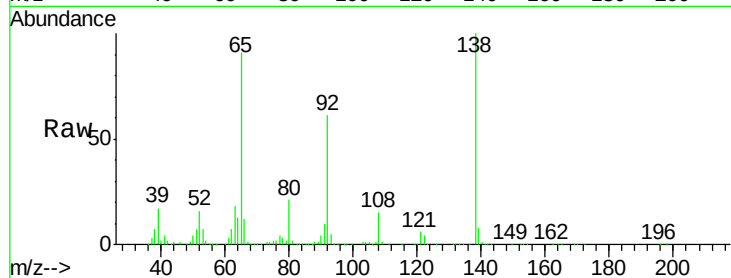
#47
2-Nitroaniline
Concen: 50.62 ng
RT: 13.75 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	250210		
92	67.7	49.0	73.4	
138	110.2	58.6	87.8	

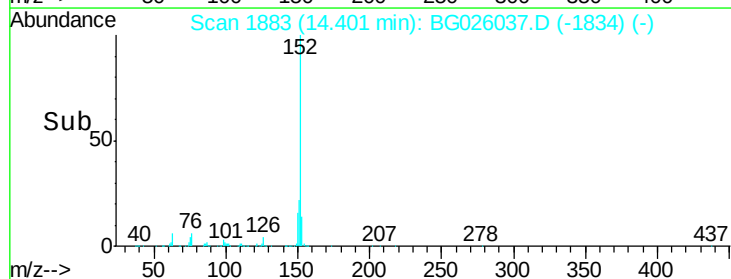
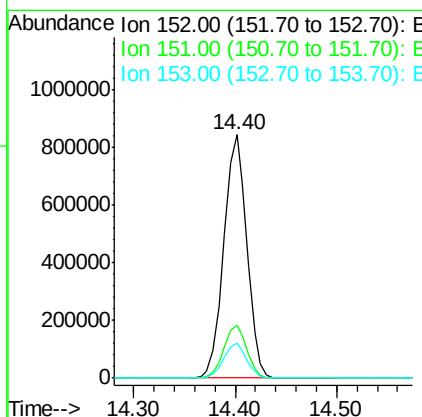
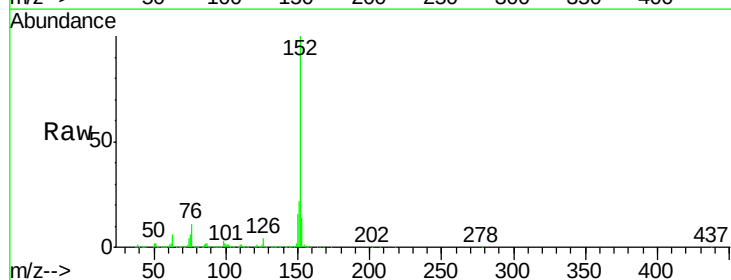
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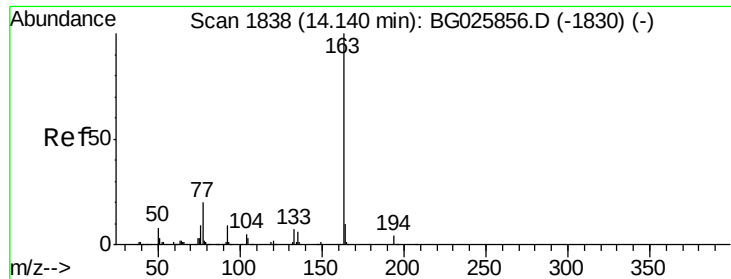
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#48
Acenaphthylene
Concen: 47.67 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1322698		
151	21.8	18.2	27.2	
153	14.1	11.3	16.9	





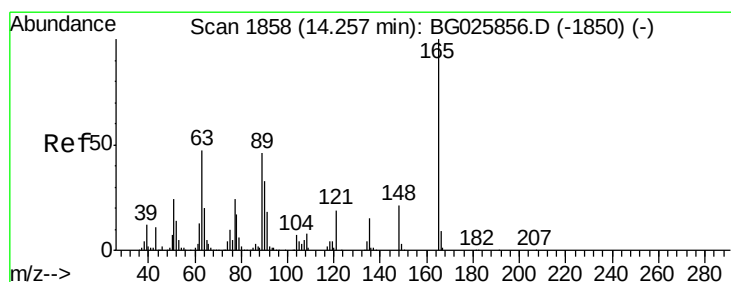
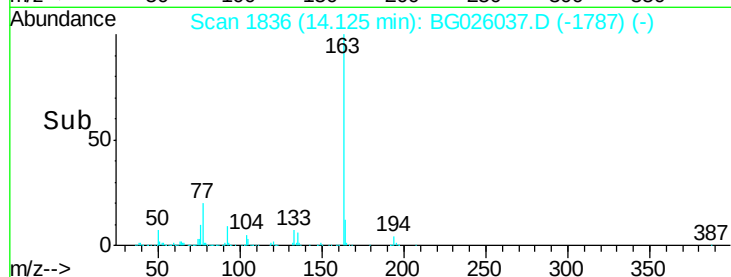
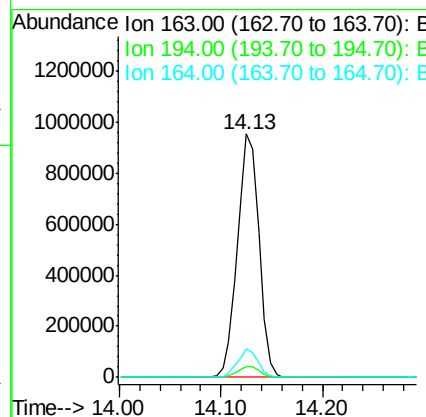
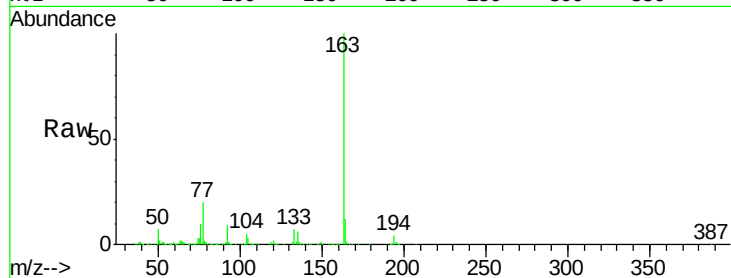
#49
Dimethylphthalate
Concen: 69.11 ng
RT: 14.13 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion:163 Resp: 1410420
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 11.5 9.3 13.9

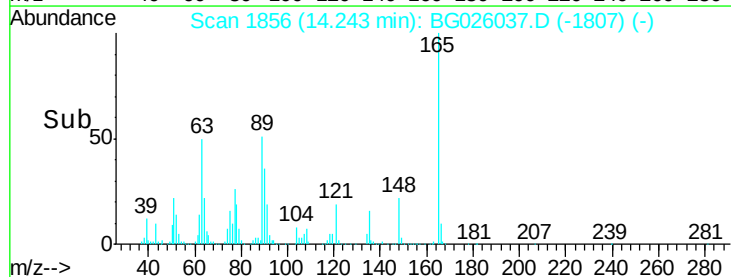
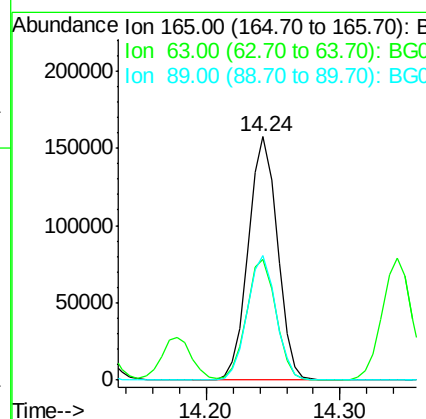
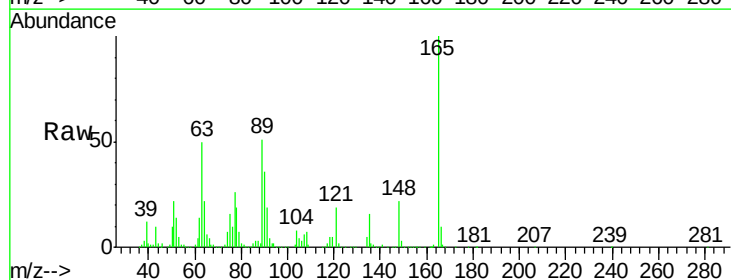
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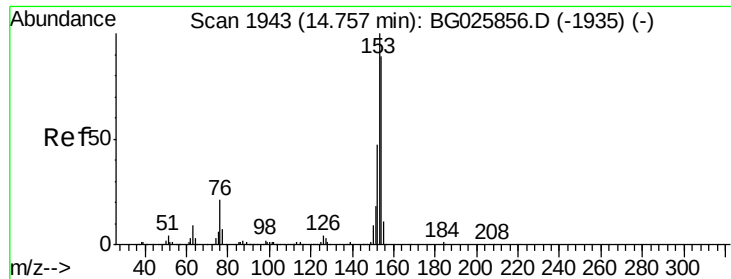
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#50
2,6-Dinitrotoluene
Concen: 51.63 ng
RT: 14.24 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:165 Resp: 236685
Ion Ratio Lower Upper
165 100
63 49.6 63.9 95.9#
89 51.0 58.6 88.0#





#51

Acenaphthene

Concen: 50.38 ng

RT: 14.74 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

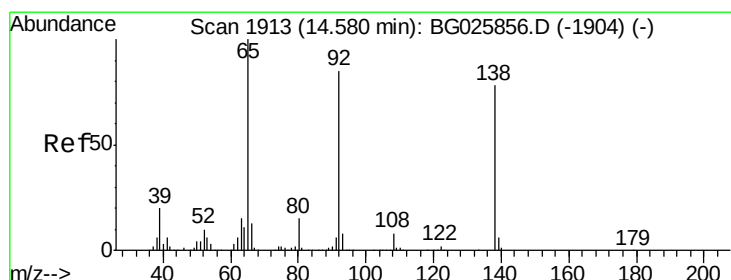
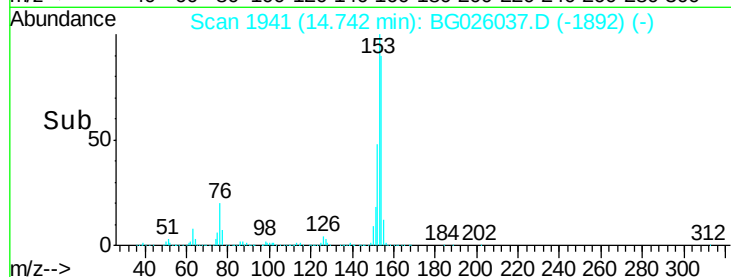
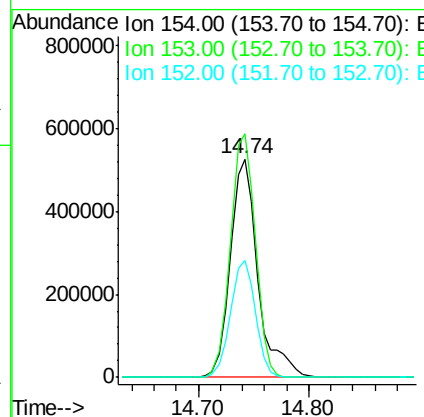
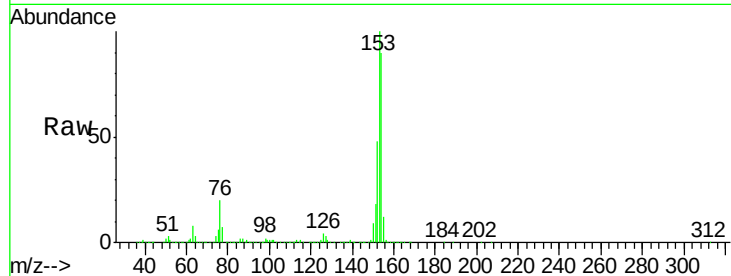
ClientSampleId :

4B-20MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
154	100		923283		
153	111.6	87.8	131.6		
152	53.9	42.2	63.4		

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#52

3-Nitroaniline

Concen: 35.22 ng

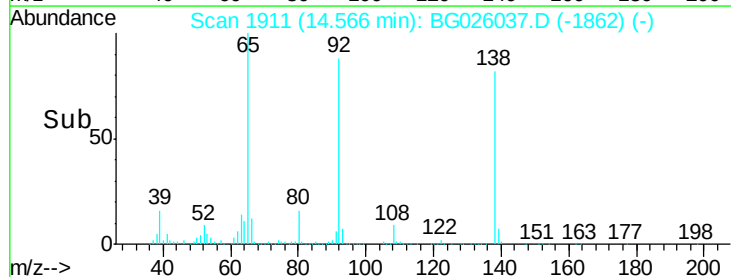
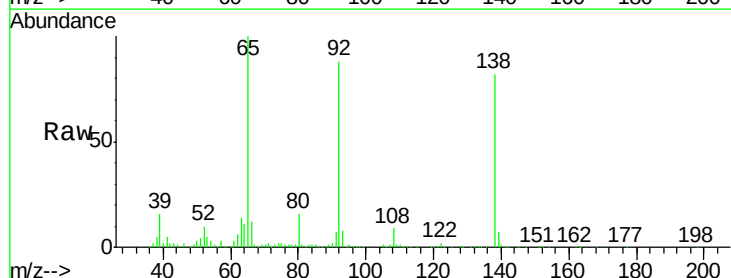
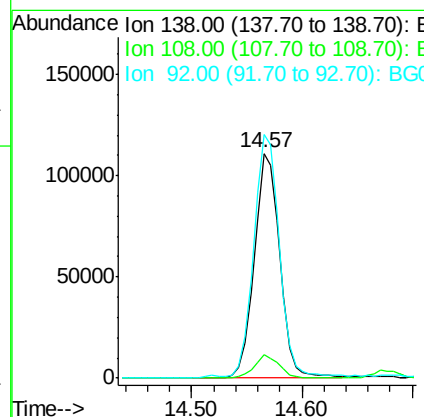
RT: 14.57 min Scan# 1911

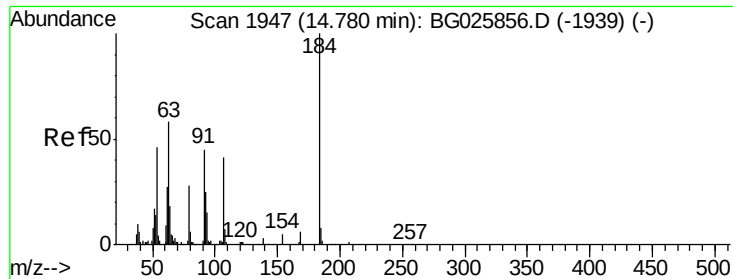
Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt	Ion	Ratio	Resp	Lower	Upper
138	100		180581		
108	10.6	10.9	16.3#		
92	108.2	115.3	172.9#		





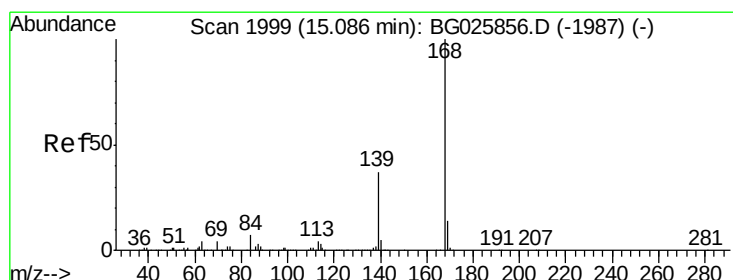
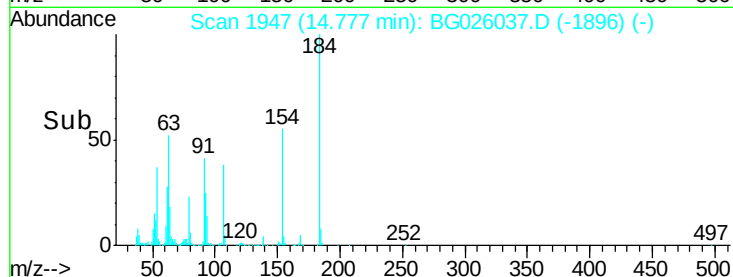
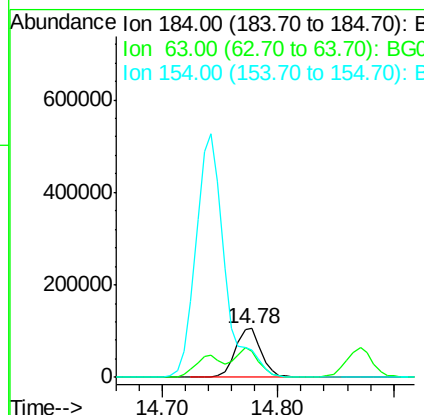
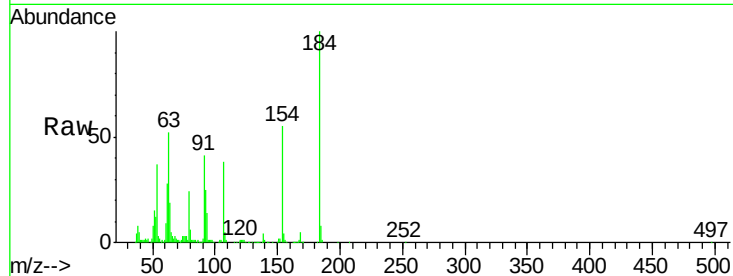
#53
2,4-Dinitrophenol
Concen: 69.25 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	166127		
63	52.5	52.7	79.1#	
154	55.0	57.3	85.9#	

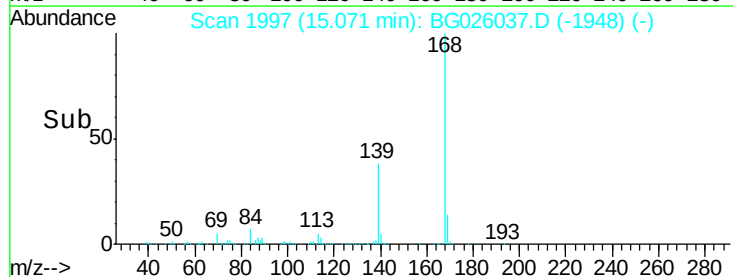
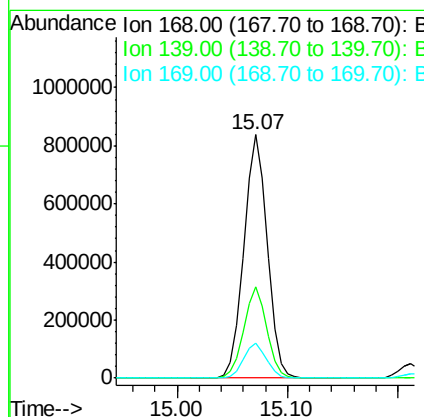
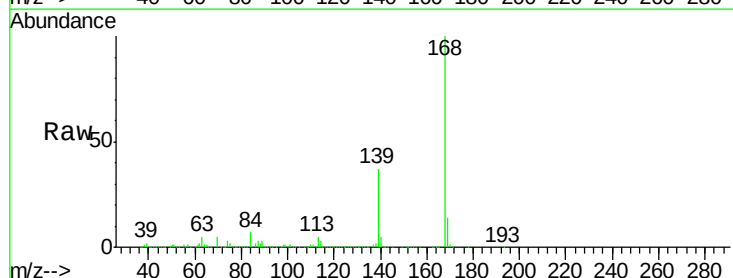
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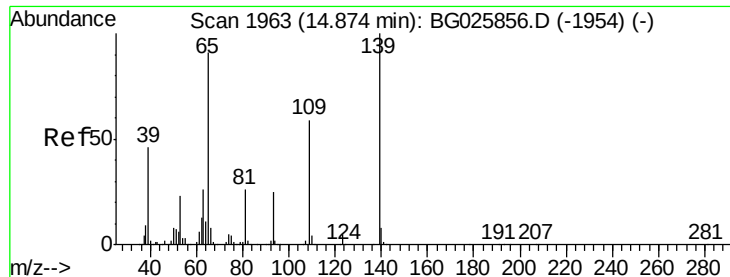
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#54
Dibenzofuran
Concen: 51.17 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1250044		
139	37.4	35.3	52.9	
169	14.2	11.5	17.3	





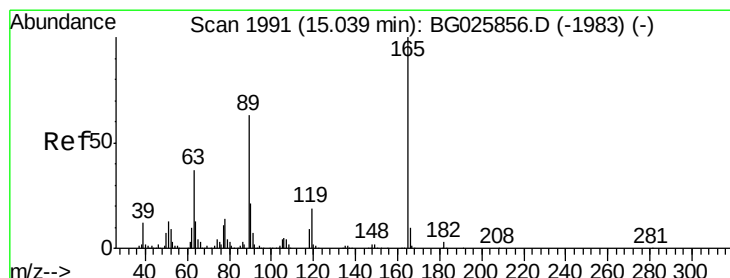
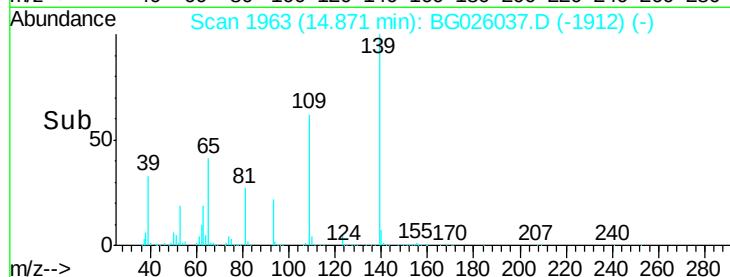
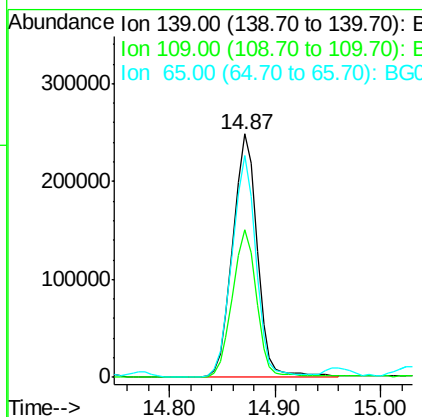
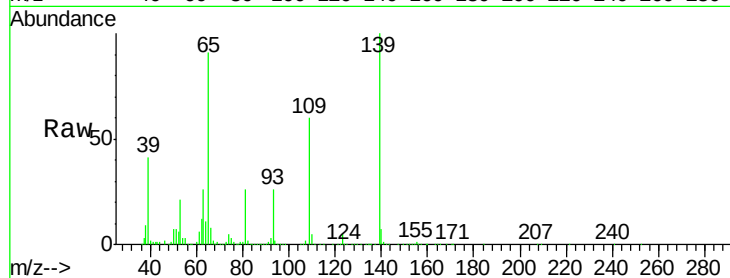
#55
4-Nitrophenol
Concen: 96.03 ng
RT: 14.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.4	101.2	141.2#	
65	91.3	135.3	175.3#	

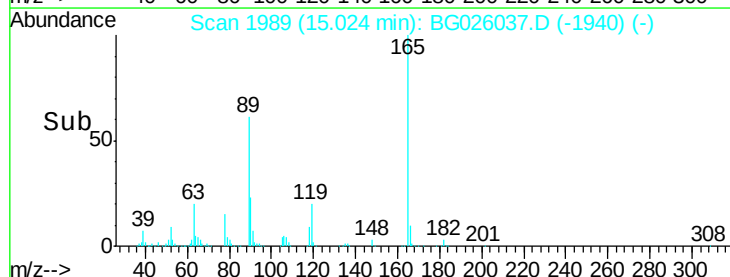
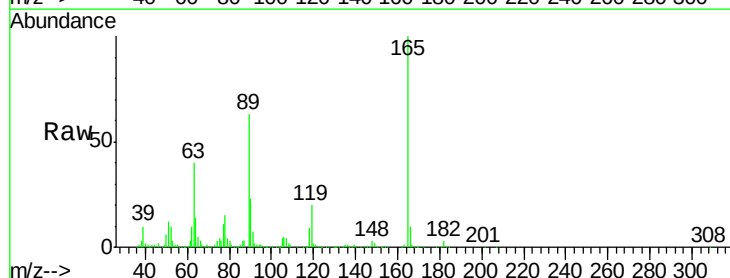
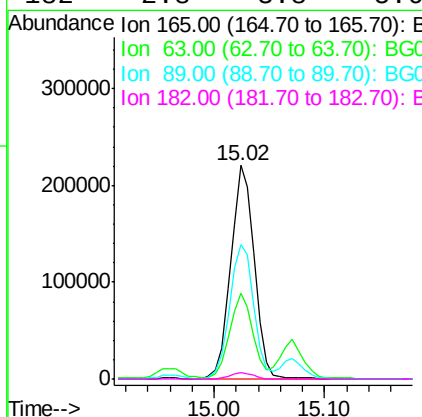
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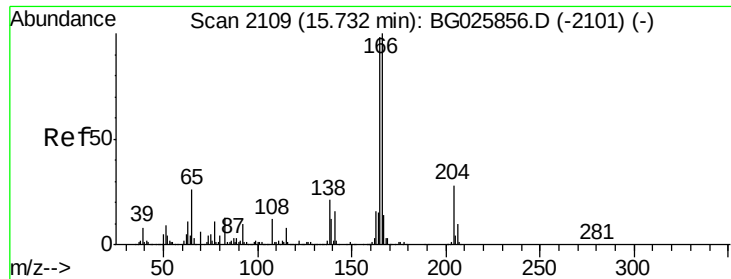
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#56
2,4-Dinitrotoluene
Concen: 53.35 ng
RT: 15.02 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.3	44.0	66.0#	
89	63.0	67.3	100.9#	
182	2.8	3.8	5.6#	





#57

Fluorene

Concen: 47.30 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

Tgt Ion:166 Resp: 1032594

Ion Ratio Lower Upper

166 100

165 100.8 78.6 117.8

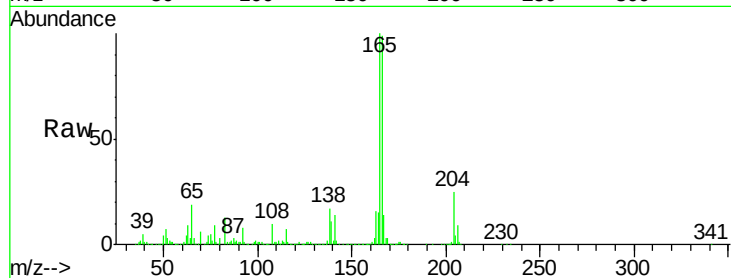
167 14.1 11.6 17.4

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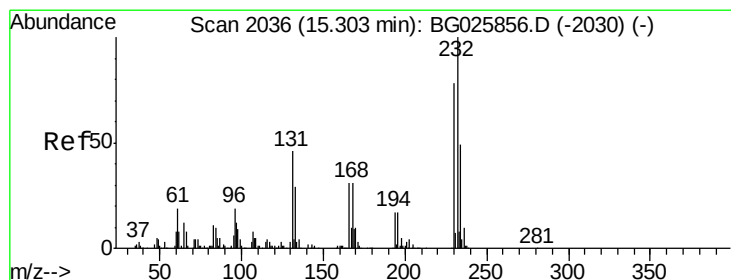
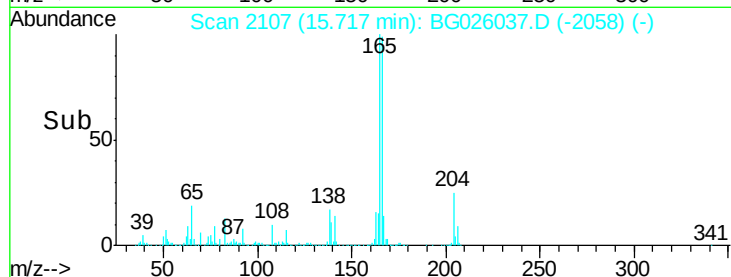
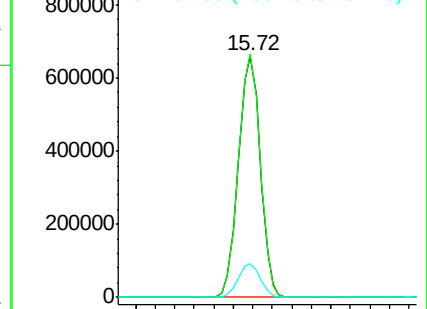


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.74 ng

RT: 15.29 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:232 Resp: 273623

Ion Ratio Lower Upper

232 100

131 45.7 34.9 52.3

130 2.8 2.3 3.5

166 33.1 24.2 36.4

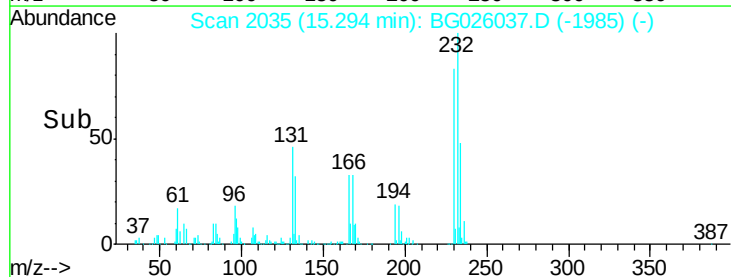
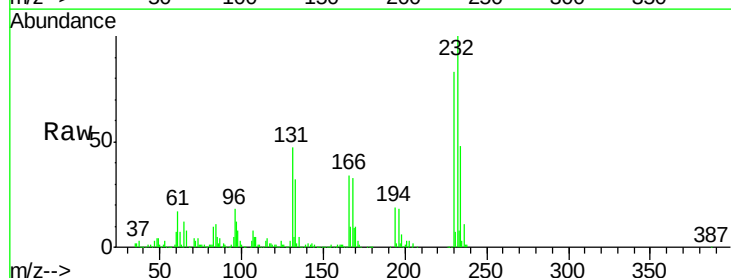
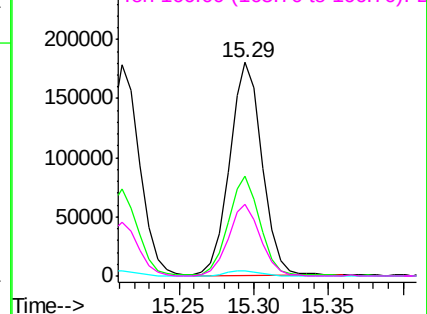
Abundance

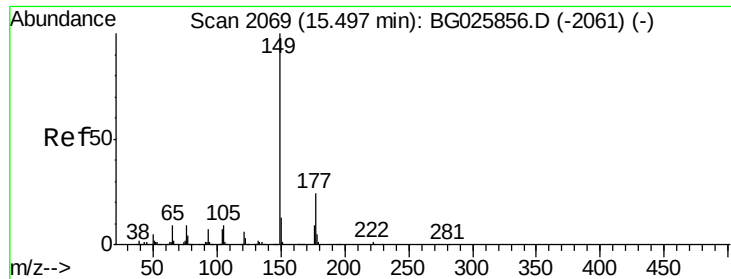
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





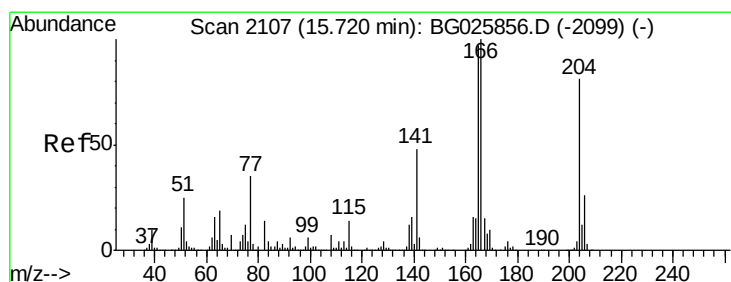
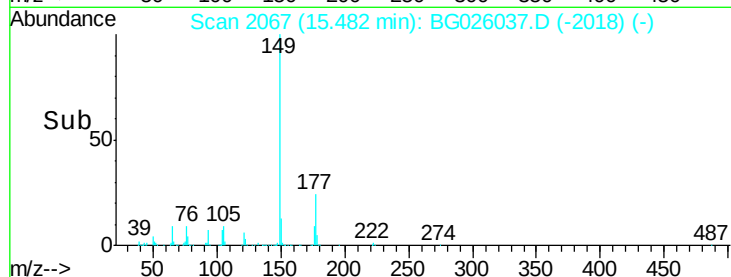
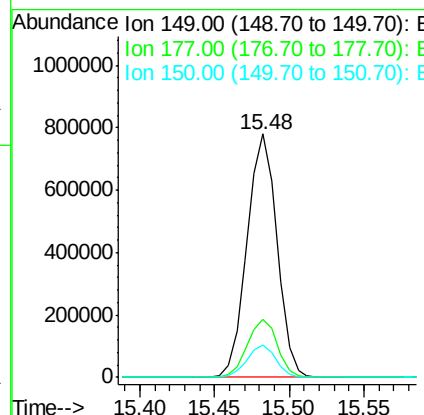
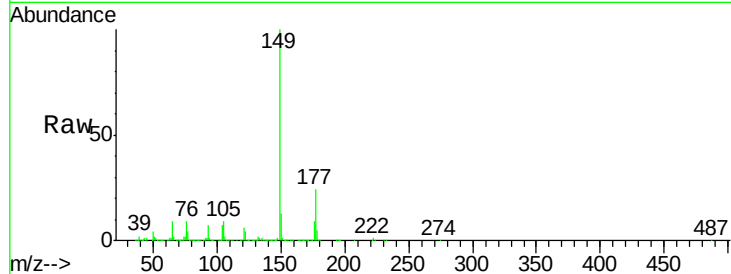
#59
Diethylphthalate
Concen: 51.23 ng
RT: 15.48 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampled :
4B-20MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	20.1	30.1
150	13.1	10.2	15.2

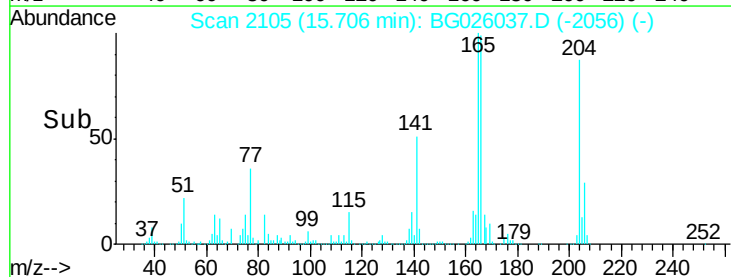
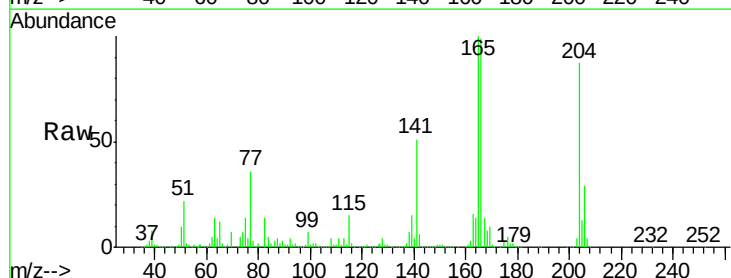
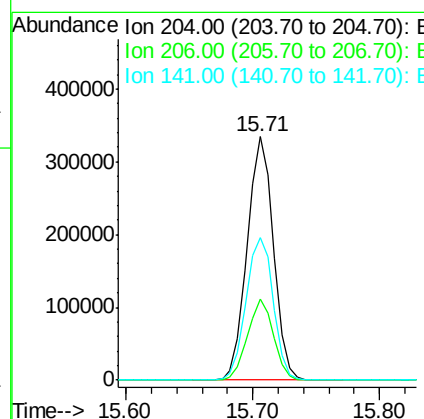
Manual Integrations
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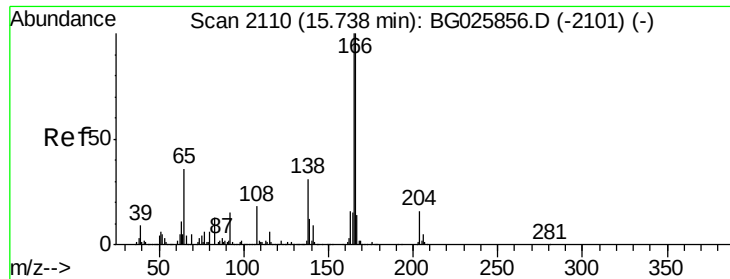
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.51 ng
RT: 15.71 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	30.1	45.1
141	58.3	50.6	76.0





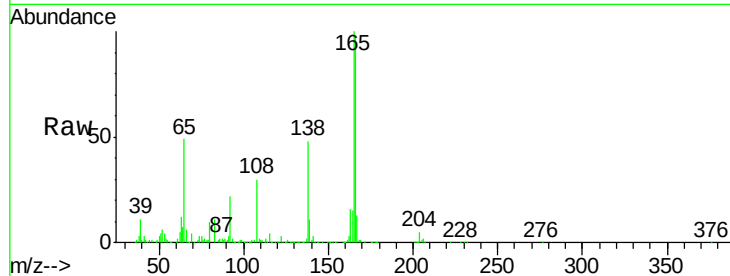
#61
4-Nitroaniline
Concen: 48.11 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	255719		
92	45.9	44.2	84.2	
108	62.1	104.8	144.8	

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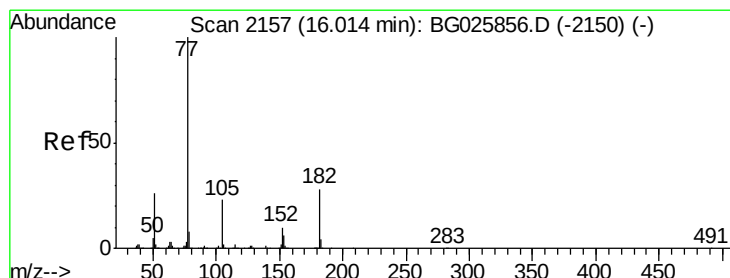
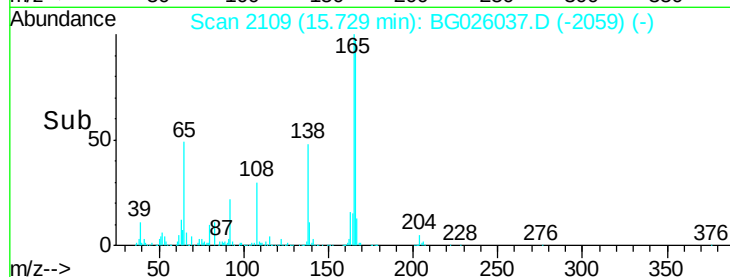
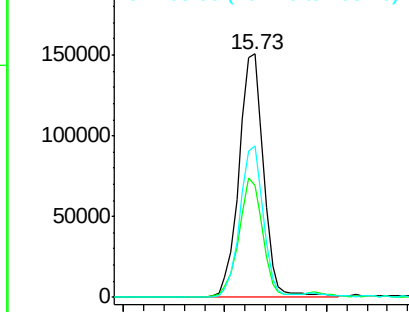


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 53.14 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	964246		
182	30.1	4.7	44.7	
105	23.5	0.0	36.3	
51	24.7	16.4	56.4	

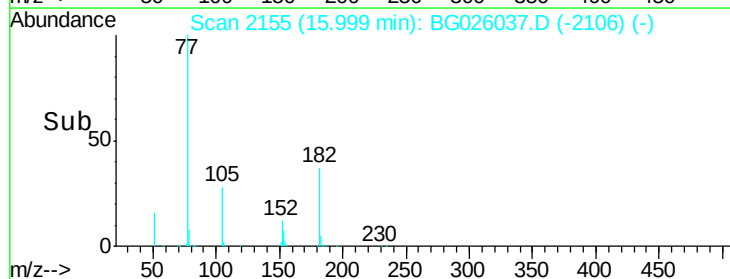
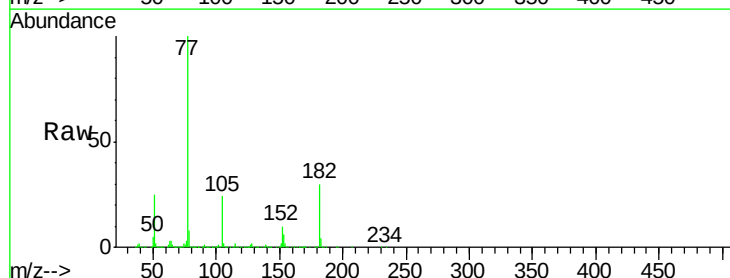
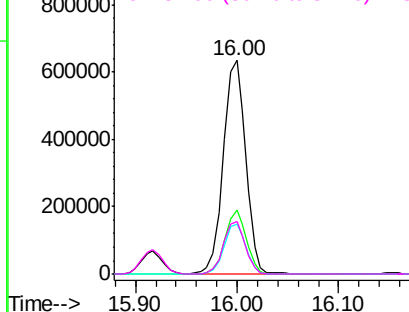
Abundance

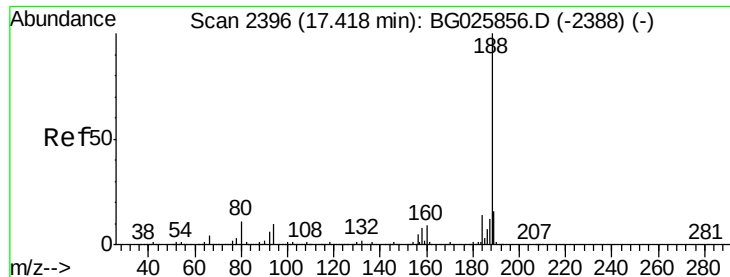
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

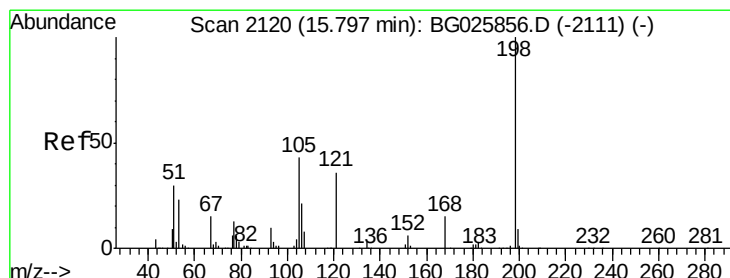
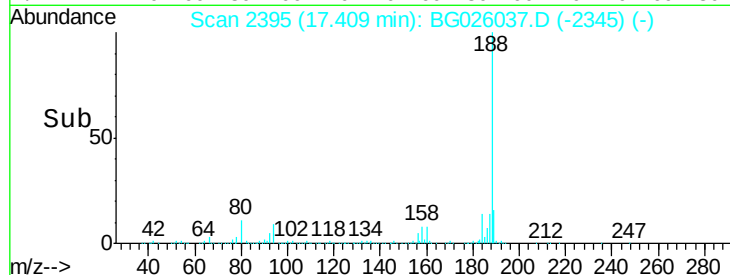
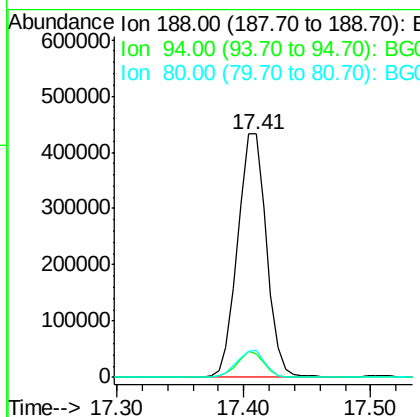
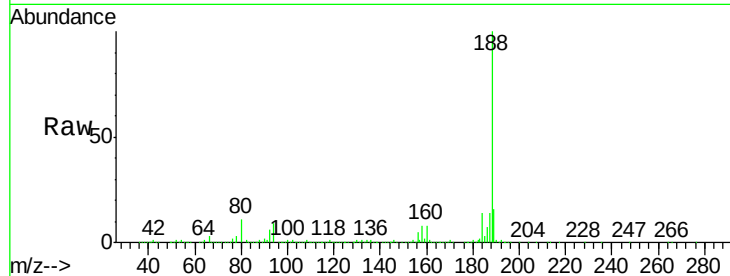
ClientSampleId :

4B-20MSD

Tgt Ion:	188	Resp:	681165
Ion Ratio		Lower	Upper
188	100		
94	9.4	5.8	8.8#
80	11.3	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.34 ng

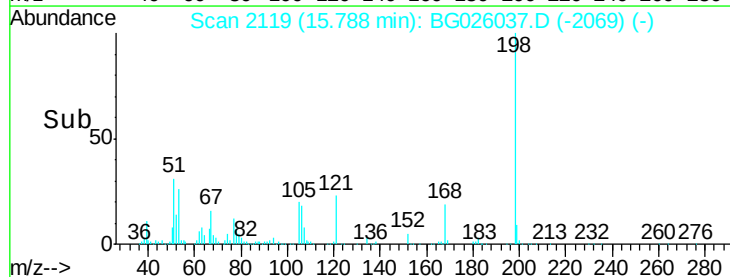
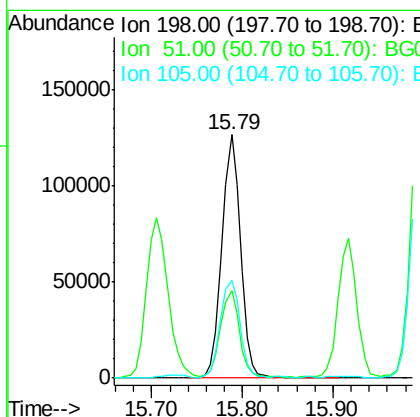
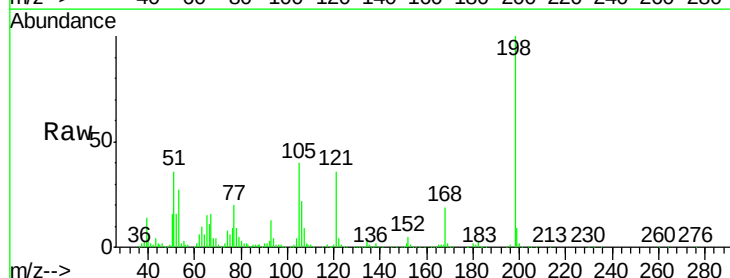
RT: 15.79 min Scan# 2119

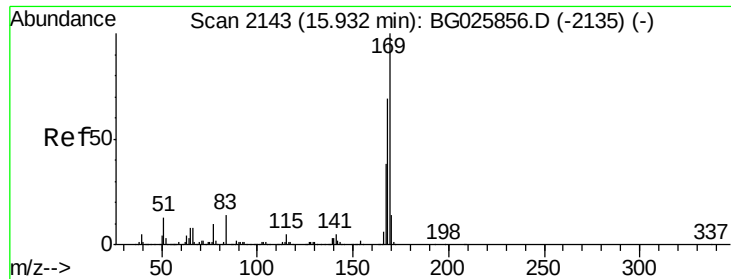
Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:	198	Resp:	180718
Ion Ratio		Lower	Upper
198	100		
51	35.9	22.6	62.6
105	40.1	14.4	54.4





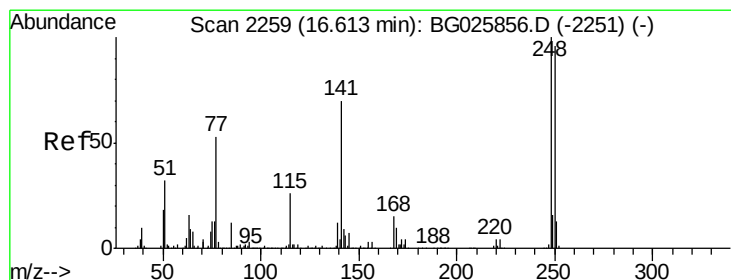
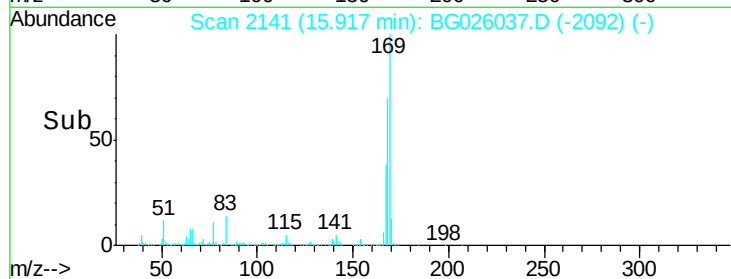
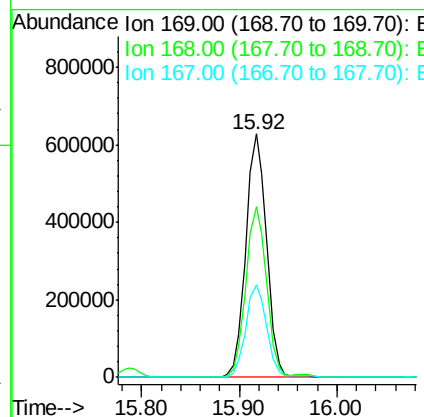
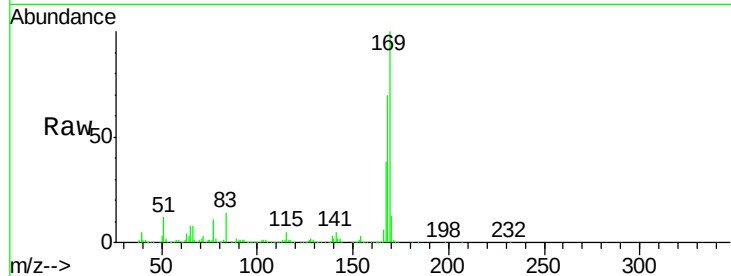
#65
n-Nitrosodiphenylamine
Concen: 44.94 ng
RT: 15.92 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	928305		
168	69.9		55.7	83.5
167	38.2		29.8	44.6

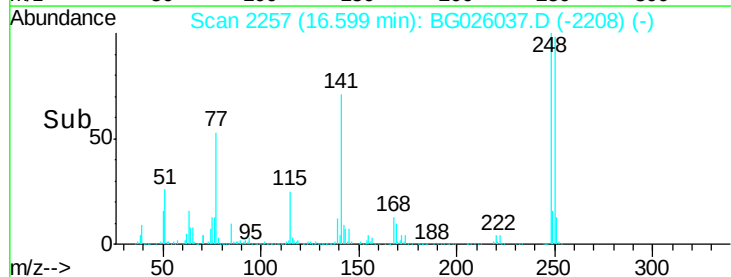
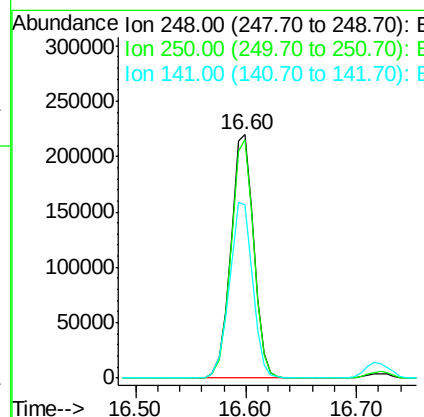
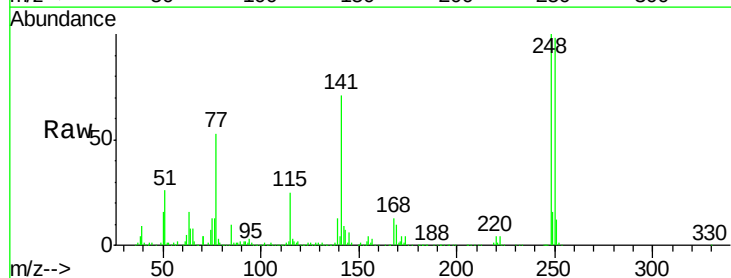
Manual Integrations
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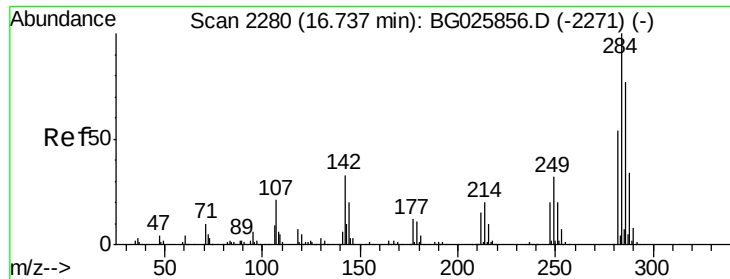
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#66
4-Bromophenyl-phenylether
Concen: 44.86 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	320249		
250	97.9		75.0	112.6
141	71.2		55.2	82.8





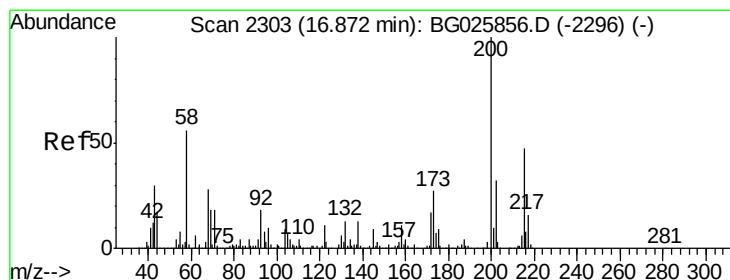
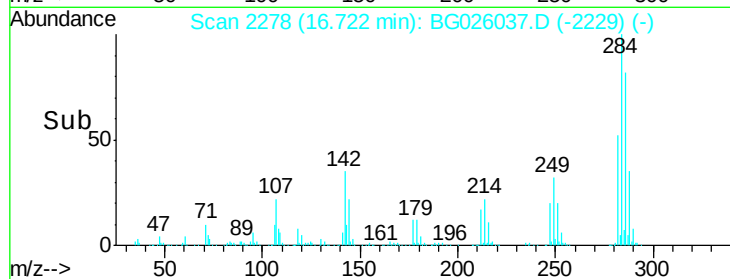
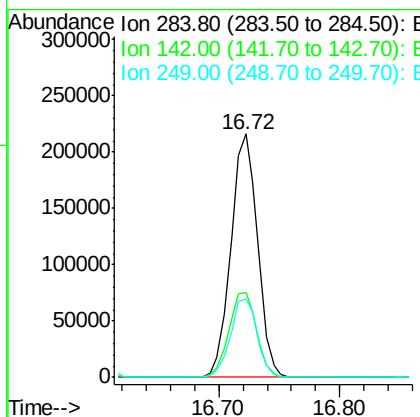
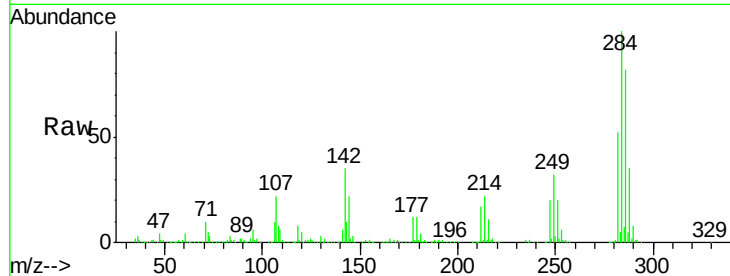
#67
Hexachlorobenzene
Concen: 44.96 ng
RT: 16.72 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	35.1	29.9	44.9
249	32.3	29.2	43.8

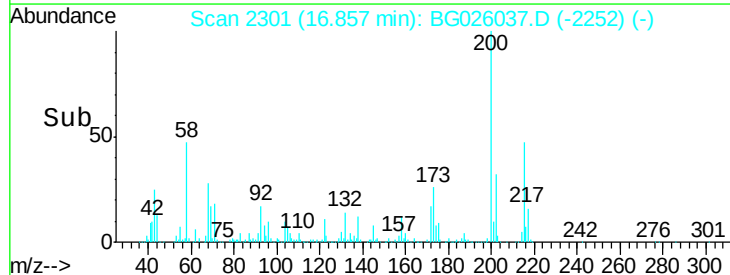
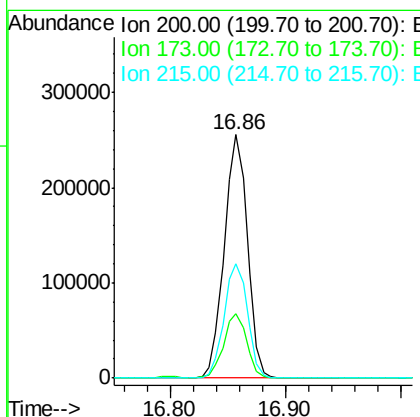
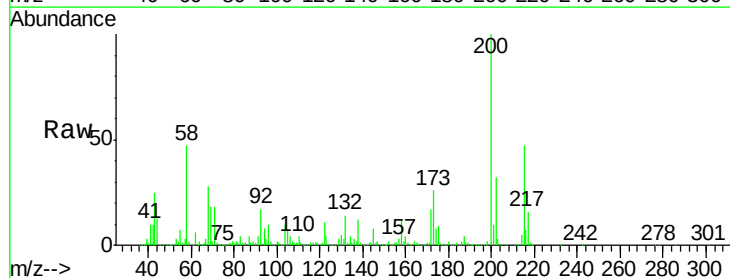
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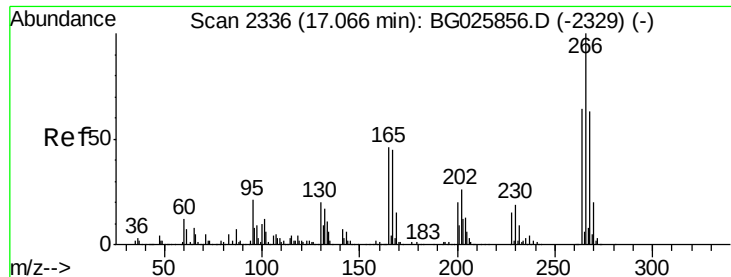
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#68
Atrazine
Concen: 48.58 ng
RT: 16.86 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	3.0	43.0
215	47.2	28.4	68.4





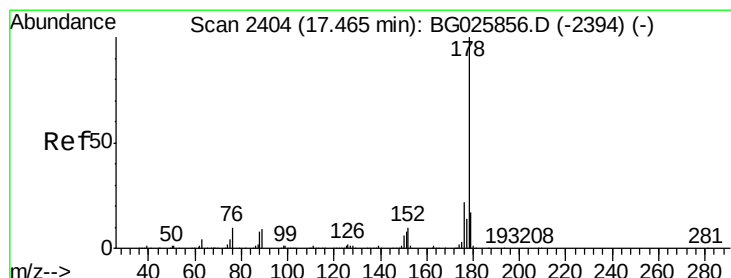
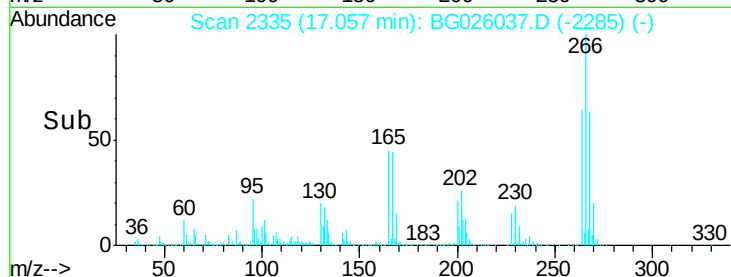
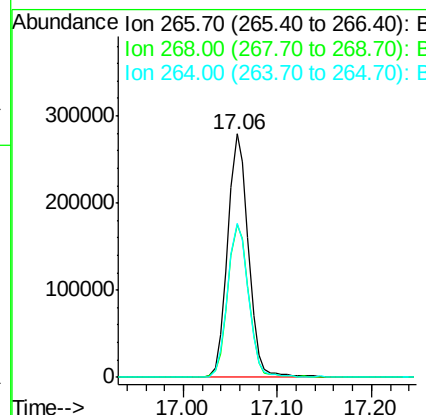
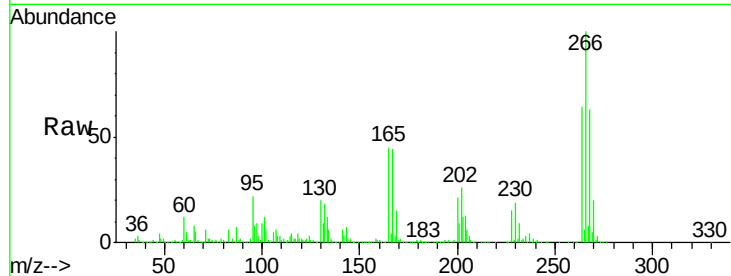
#69
 Pentachlorophenol
 Concen: 95.18 ng
 RT: 17.06 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	431993		
268	62.9	48.6	72.8	
264	63.5	50.1	75.1	

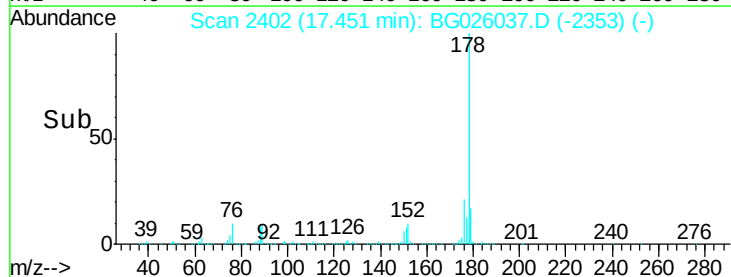
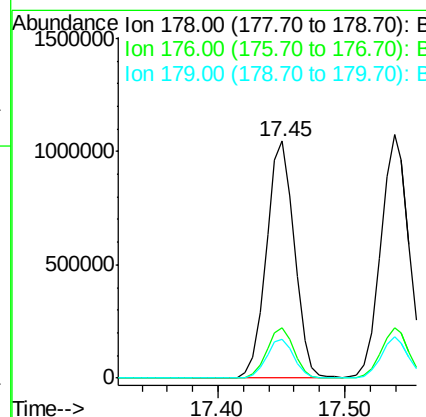
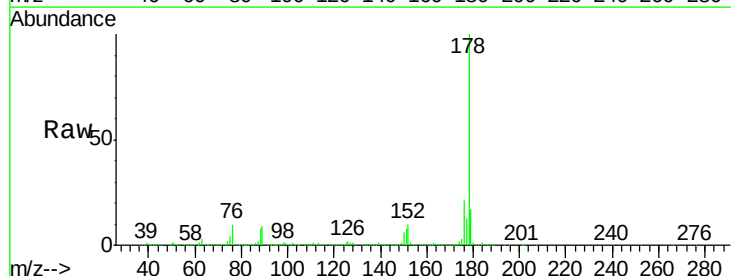
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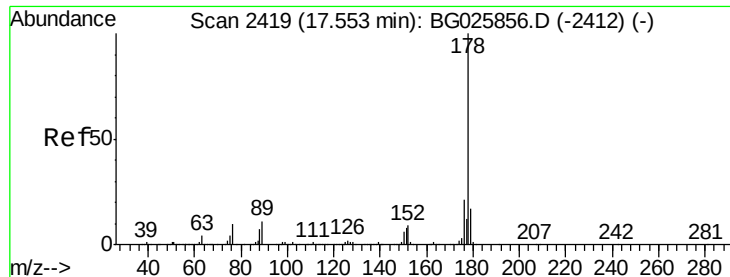
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#70
 Phenanthrene
 Concen: 43.33 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1602369		
176	21.2	17.7	26.5	
179	16.6	15.0	22.6	





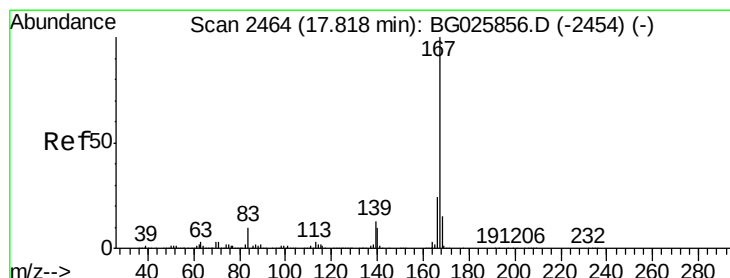
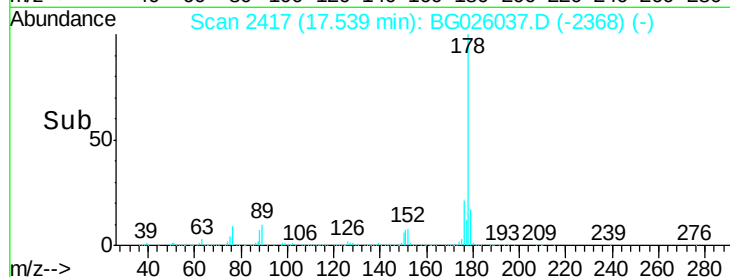
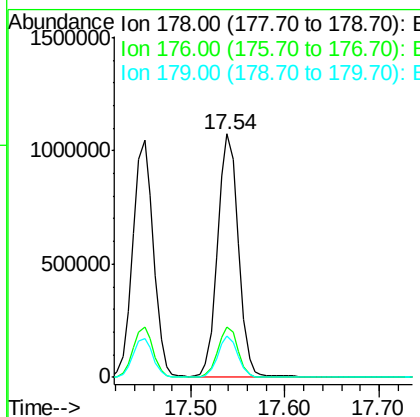
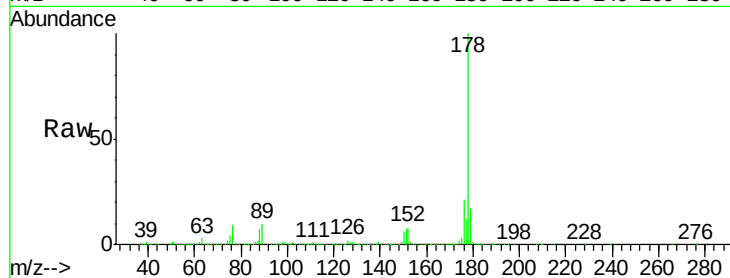
#71
 Anthracene
 Concen: 43.84 ng
 RT: 17.54 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

Tgt Ion:178 Resp: 1652674
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.4 24.6
 179 16.9 13.8 20.8

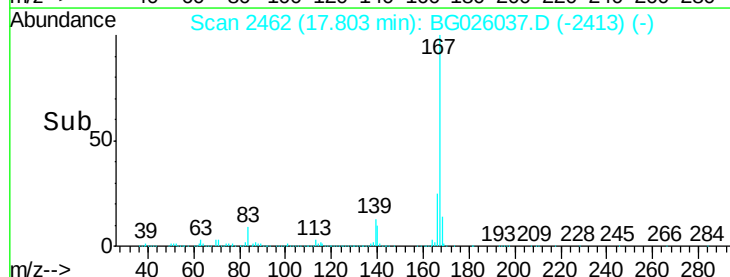
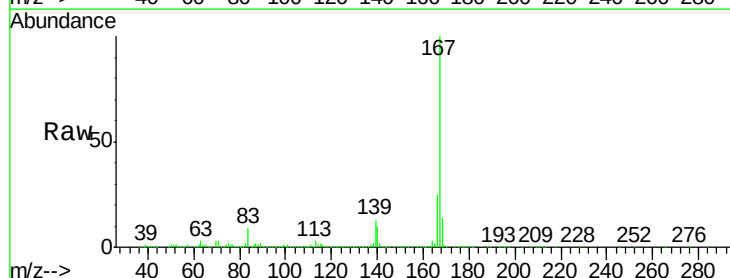
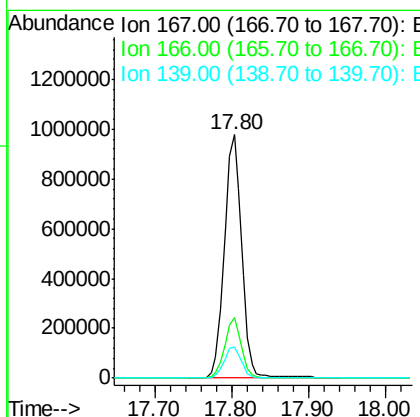
Manual Integrations
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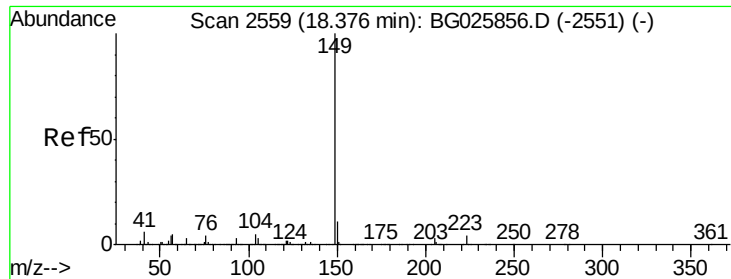
mohammad
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#72
 Carbazole
 Concen: 40.51 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion:167 Resp: 1534139
 Ion Ratio Lower Upper
 167 100
 166 24.7 20.2 30.2
 139 12.9 12.8 19.2





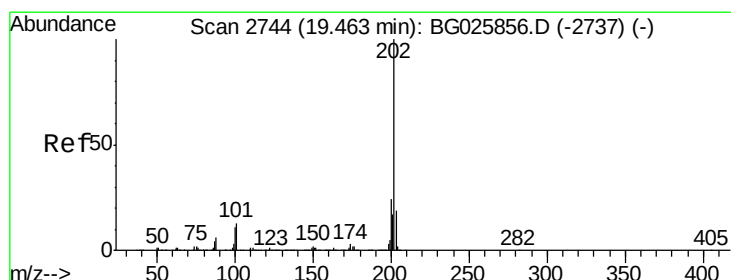
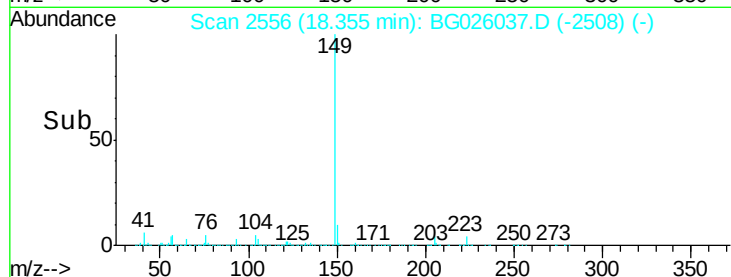
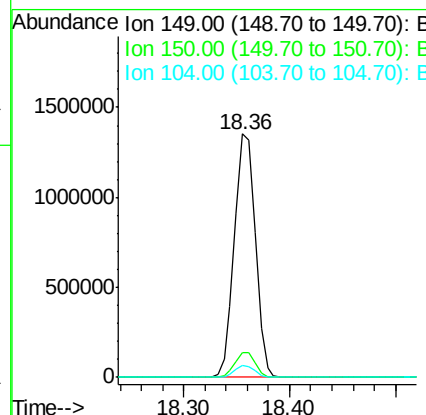
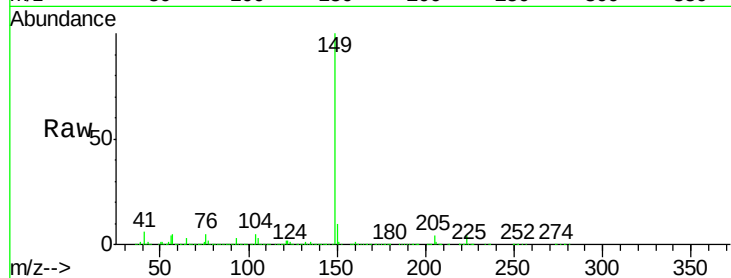
#73
Di-n-butylphthalate
Concen: 49.90 ng
RT: 18.36 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	9.1	13.7
104	4.9	6.7	10.1

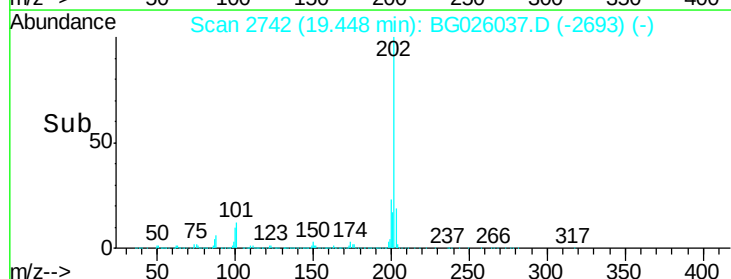
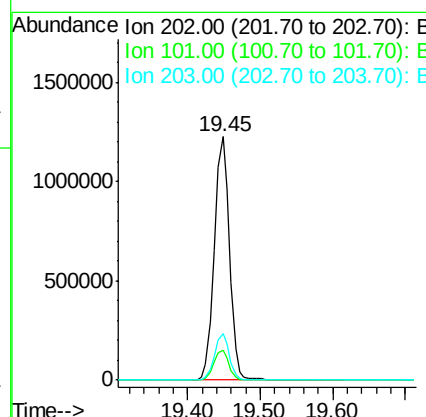
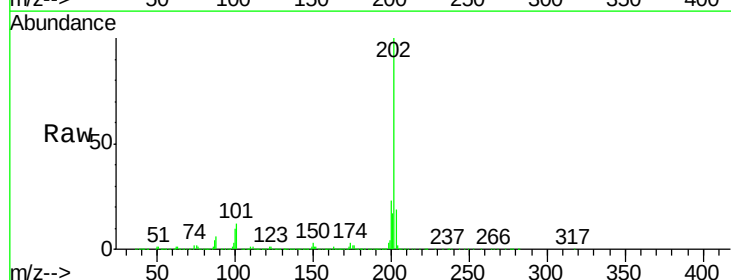
Manual Integrations
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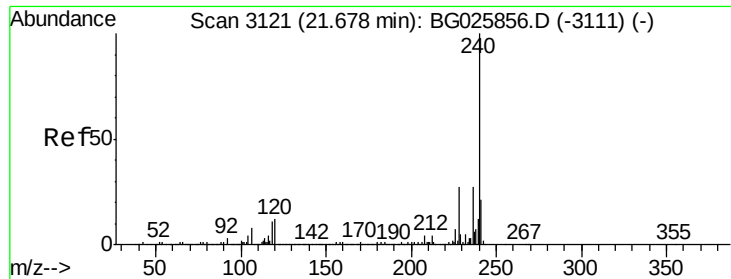
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#74
Fluoranthene
Concen: 43.90 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.1
203	19.0	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

4B-20MSD

Tgt Ion:240 Resp: 652619
Ion Ratio Lower Upper

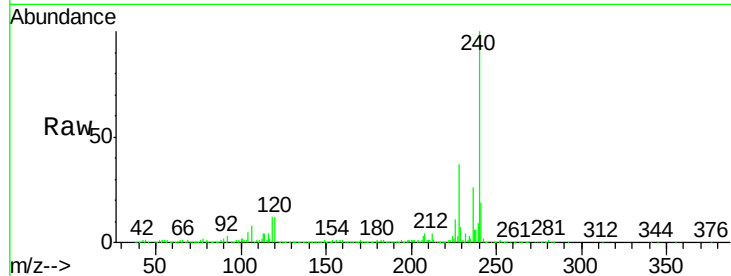
240 100

120 12.2 5.7 8.5#

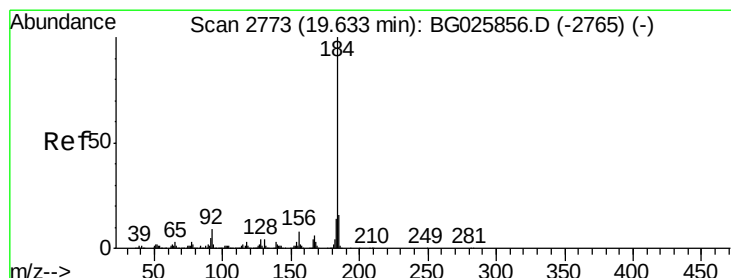
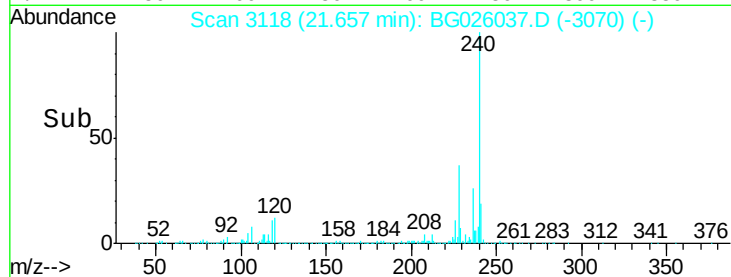
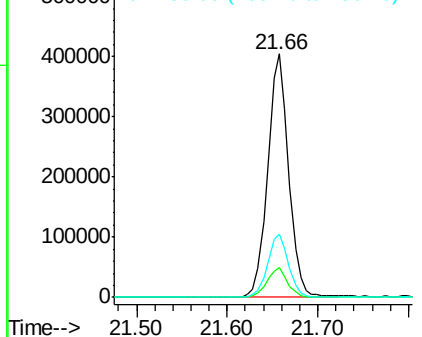
236 25.9 22.2 33.4

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



#76

Benzidine

Concen: 37.20 ng

RT: 19.62 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG026037.D

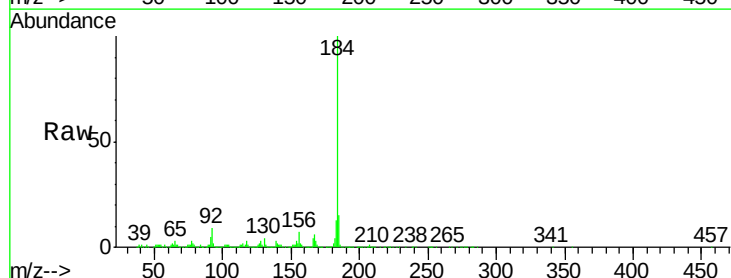
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Tgt Ion:184 Resp: 766376
Ion Ratio Lower Upper

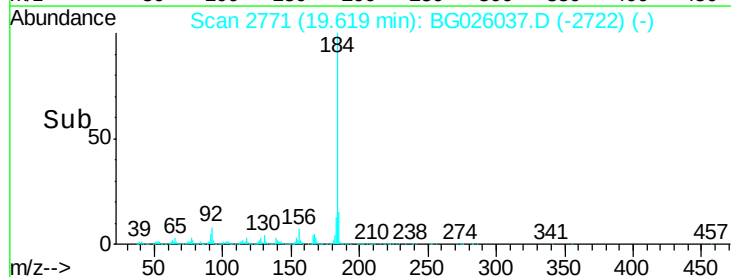
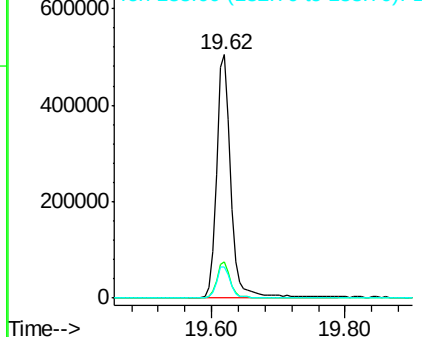
184 100

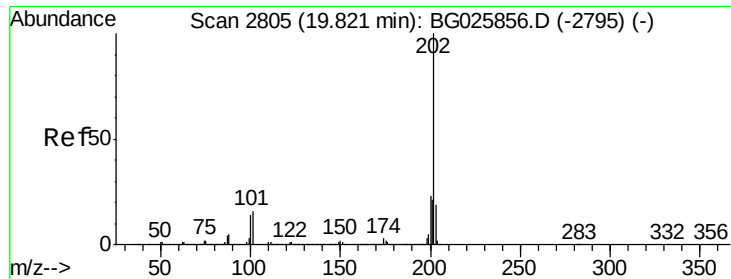
185 15.0 13.0 19.6

183 12.8 11.0 16.6



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





#77

Pyrene

Concen: 43.77 ng

RT: 19.81 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

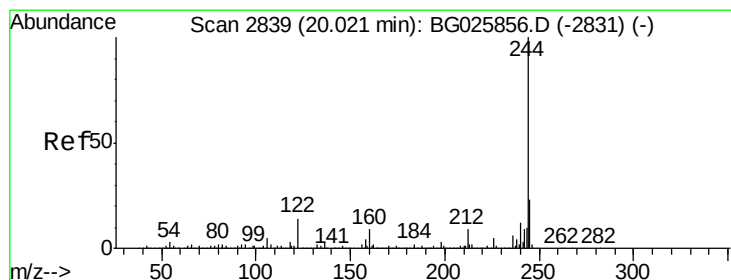
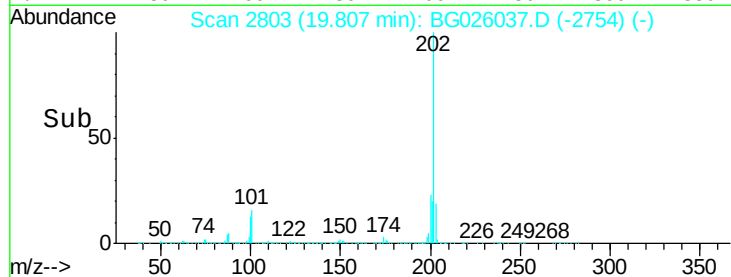
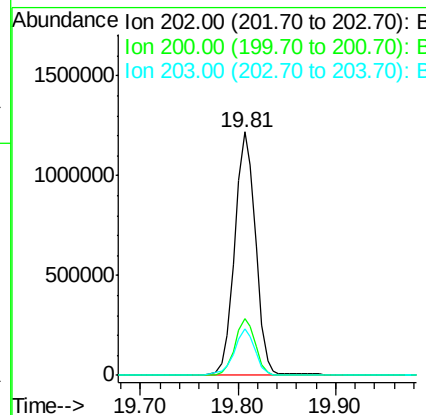
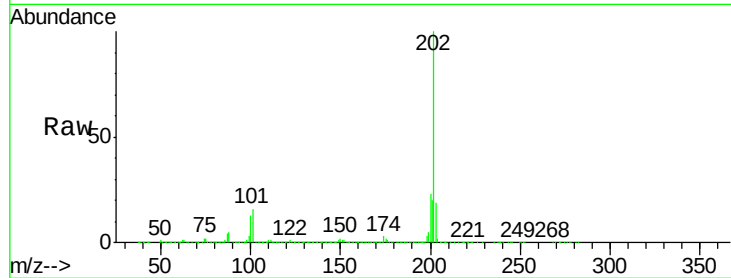
ClientSampleId :

4B-20MSD

Tgt Ion:	202	Resp:	1806438
Ion	Ratio	Lower	Upper
202	100		
200	23.1	19.6	29.4
203	19.1	15.8	23.8

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#78

Terphenyl-d14

Concen: 76.44 ng

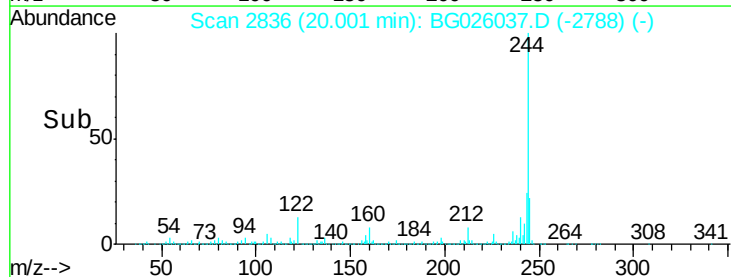
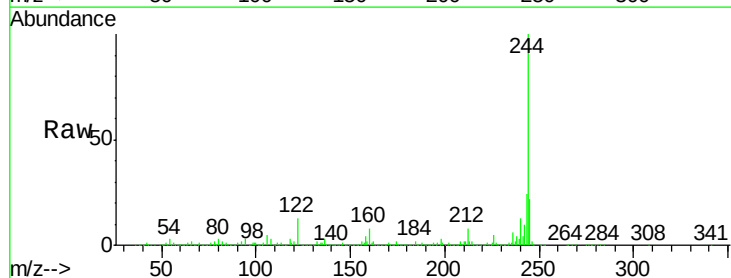
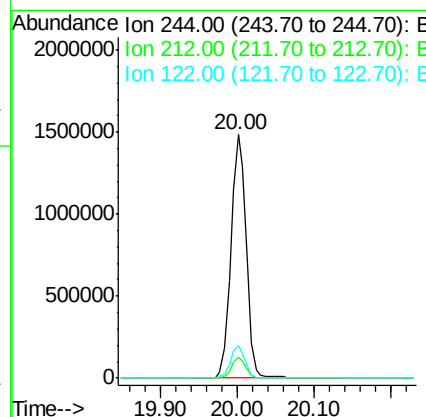
RT: 20.00 min Scan# 2836

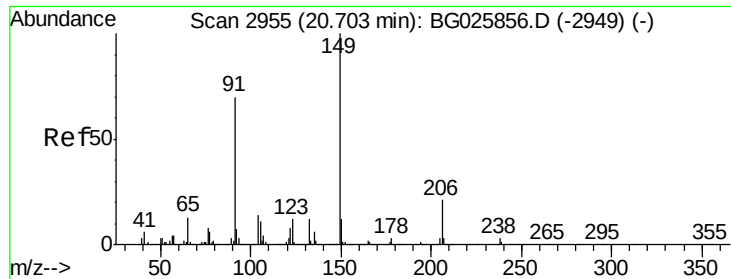
Delta R.T. -0.02 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Tgt Ion:	244	Resp:	2051030
Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	13.5	8.6	12.8#





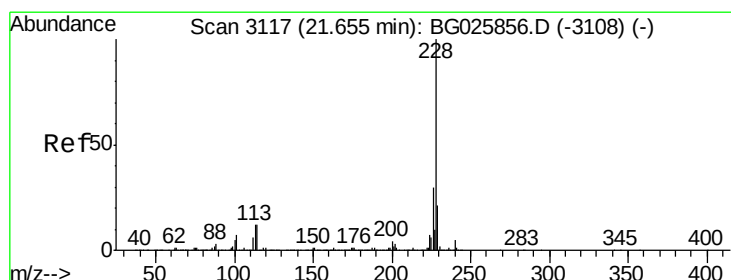
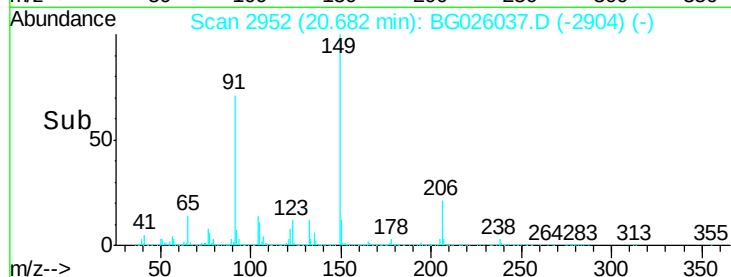
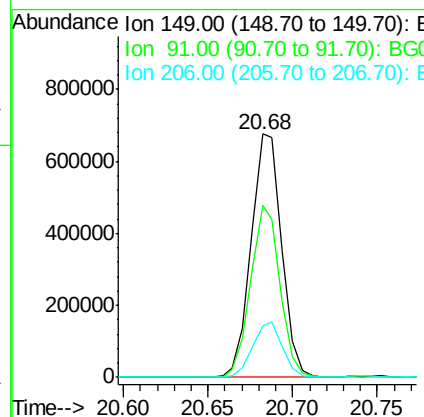
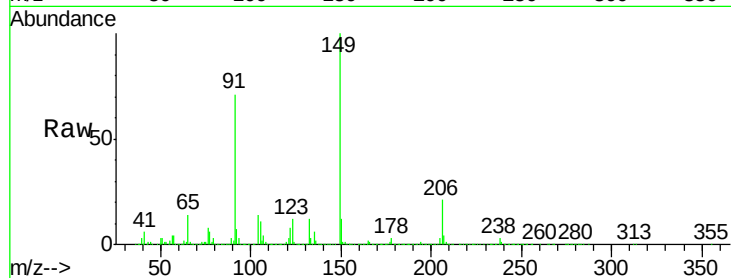
#79
Butylbenzylphthalate
Concen: 54.13 ng
RT: 20.68 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	847884		
91	70.5	63.5	95.3	
206	21.3	21.0	31.6	

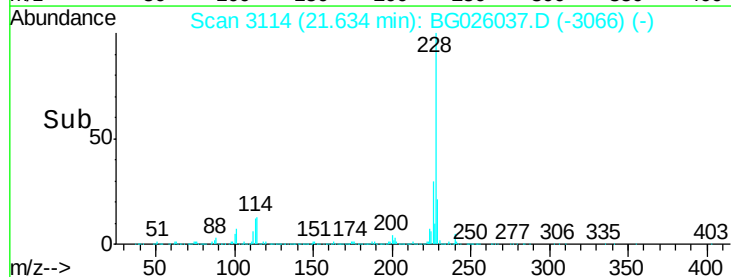
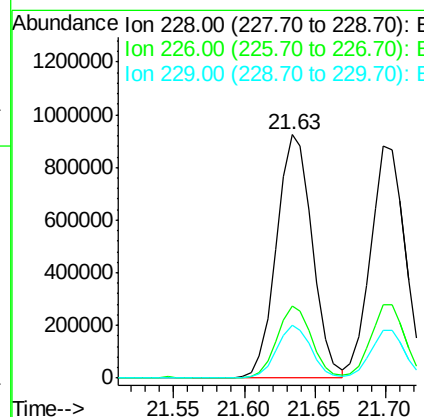
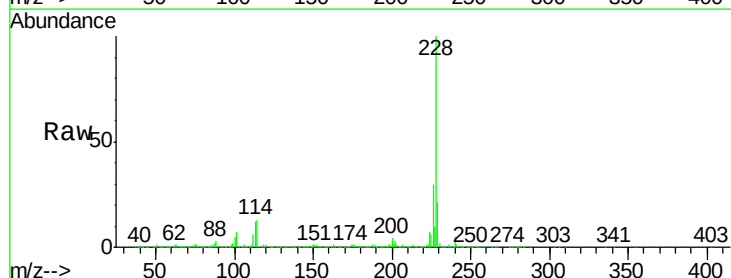
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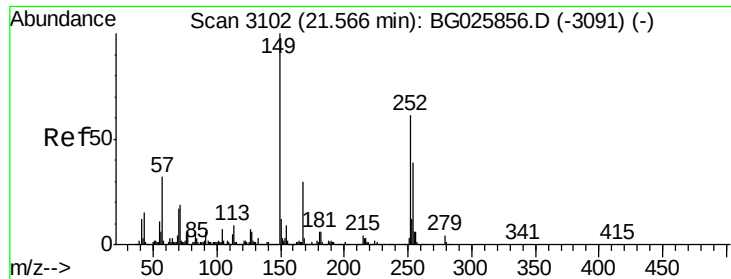
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#80
Benzo(a)anthracene
Concen: 42.83 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1632046		
226	29.9	24.9	37.3	
229	21.5	18.2	27.2	





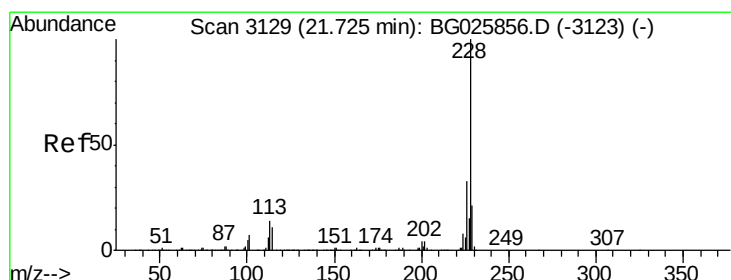
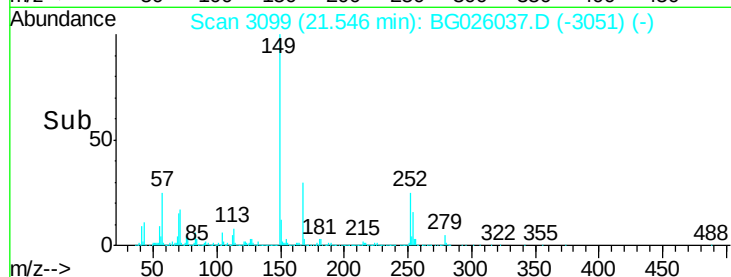
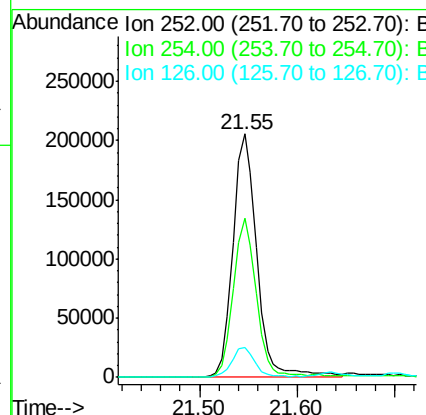
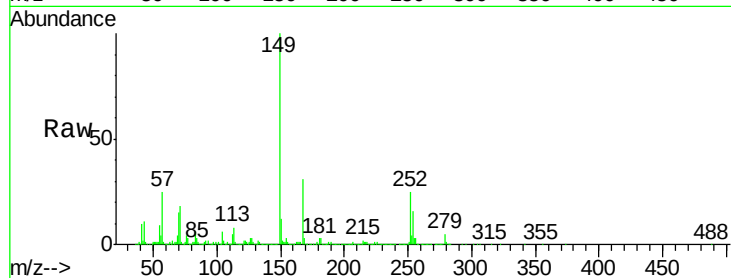
#81
 3,3'-Dichlorobenzidine
 Concen: 25.56 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	53.1	79.7
126	12.4	7.0	10.4

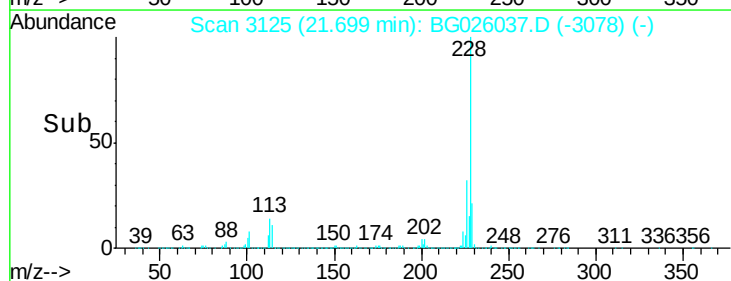
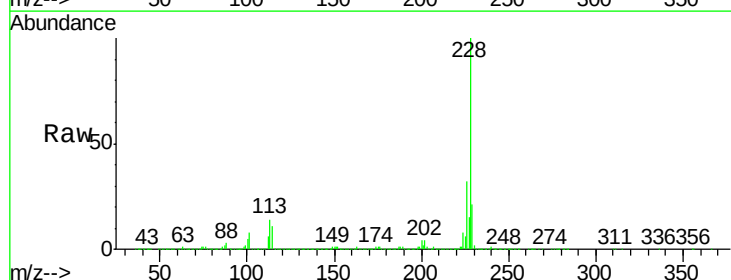
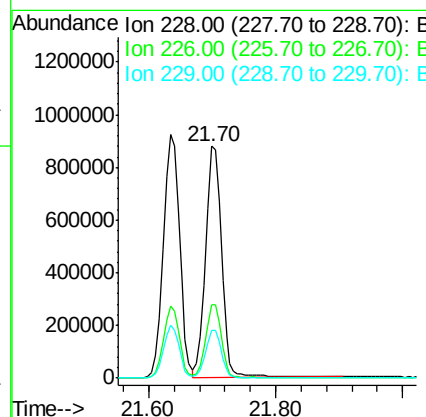
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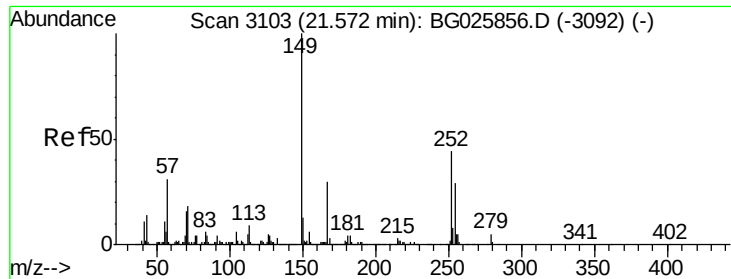
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#82
 Chrysene
 Concen: 41.89 ng
 RT: 21.70 min Scan# 3125
 Delta R.T. -0.03 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	27.0	40.4
229	20.6	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.71 ng

RT: 21.54 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

Instrument :

BNA_G

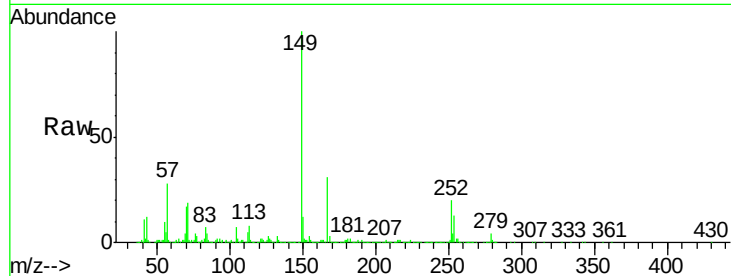
ClientSampleId :

4B-20MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	23.7	35.5
279	4.4	4.6	6.8#

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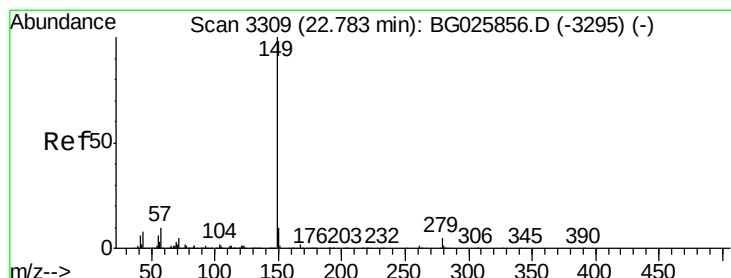
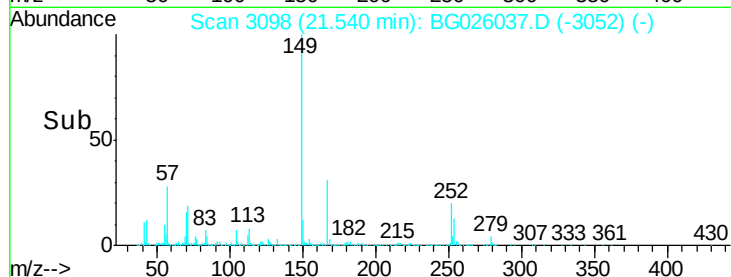
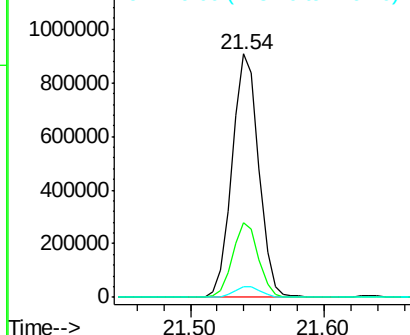
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.09 ng

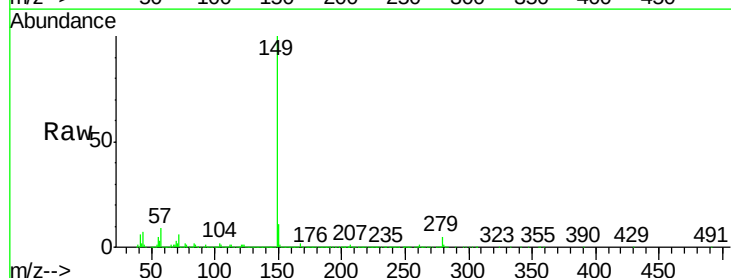
RT: 22.74 min Scan# 3303

Delta R.T. -0.04 min

Lab File: BG026037.D

Acq: 2 Mar 2017 19:57

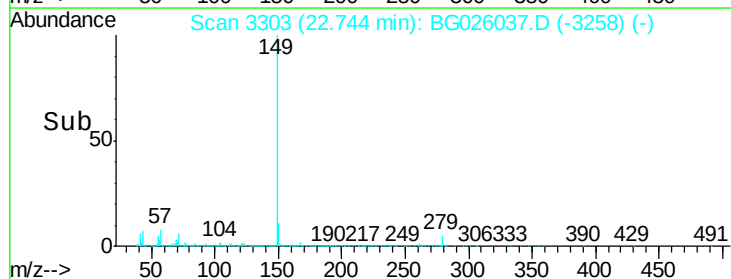
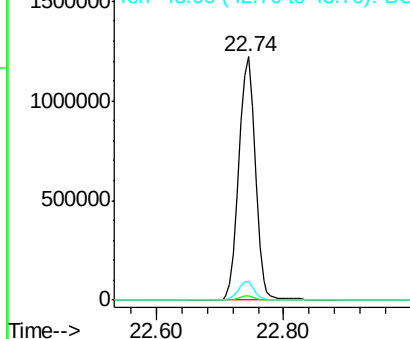
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.2	11.8	17.6#

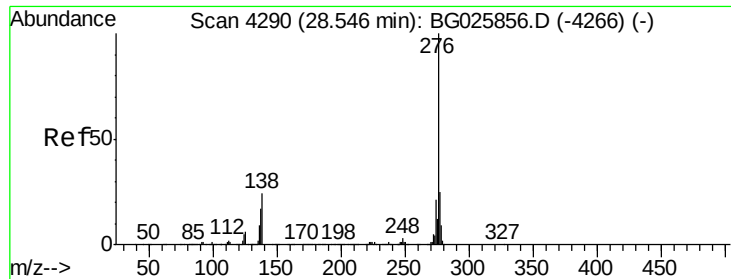


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





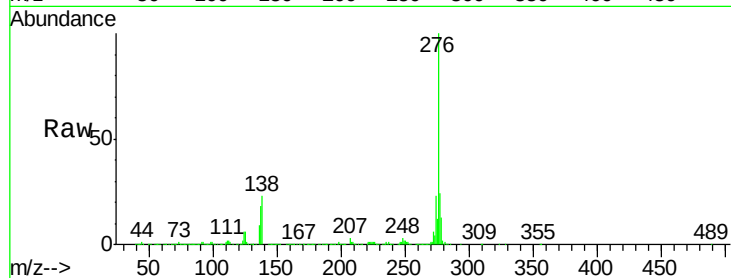
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.78 ng
 RT: 28.50 min Scan# 4282
 Delta R.T. -0.05 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

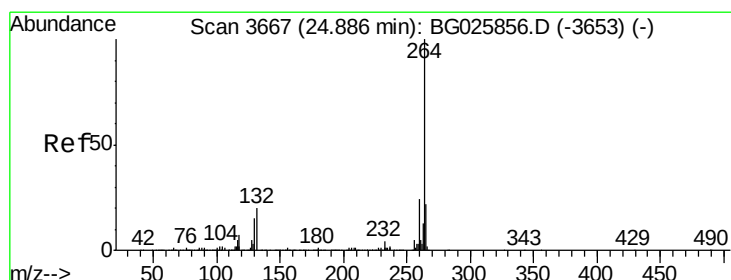
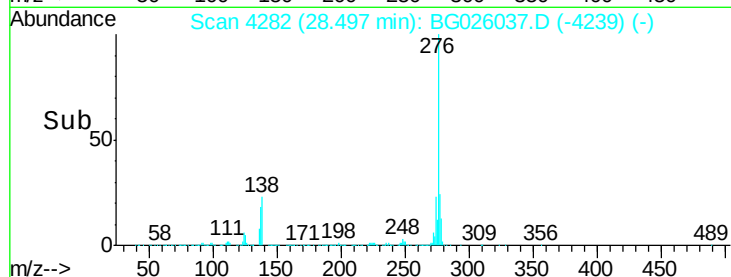
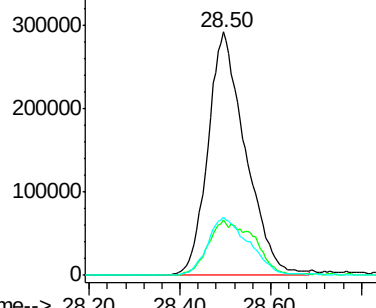
Tgt Ion:276 Resp: 1673776
 Ion Ratio Lower Upper
 276 100
 138 27.4 4.7 7.1#
 277 26.1 20.6 31.0

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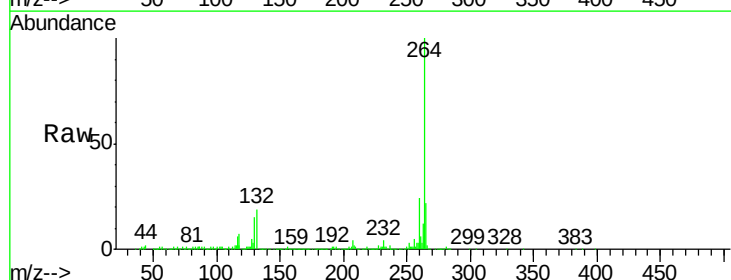


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

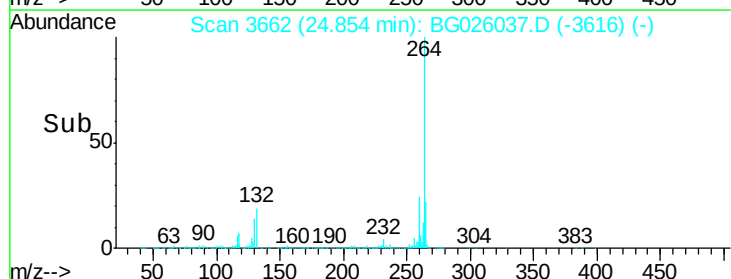
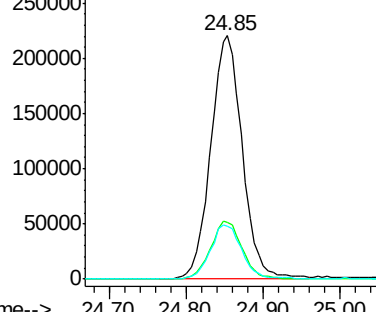


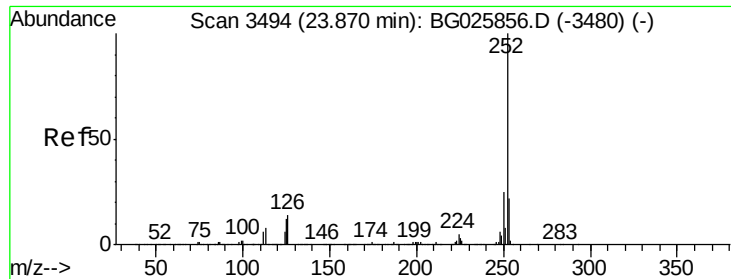
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.85 min Scan# 3662
 Delta R.T. -0.03 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Tgt Ion:264 Resp: 629100
 Ion Ratio Lower Upper
 264 100
 260 23.5 21.8 32.8
 265 21.9 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





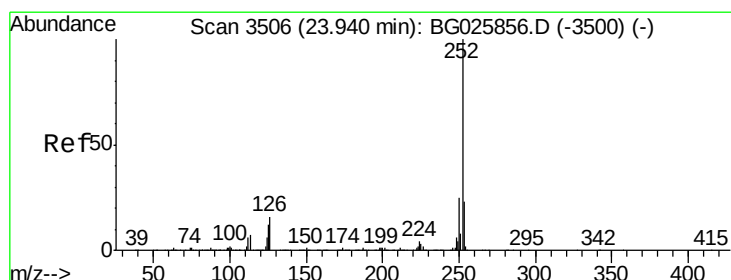
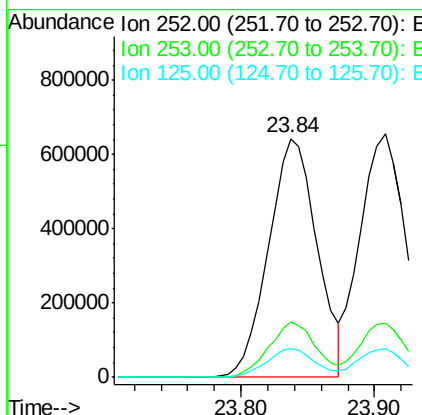
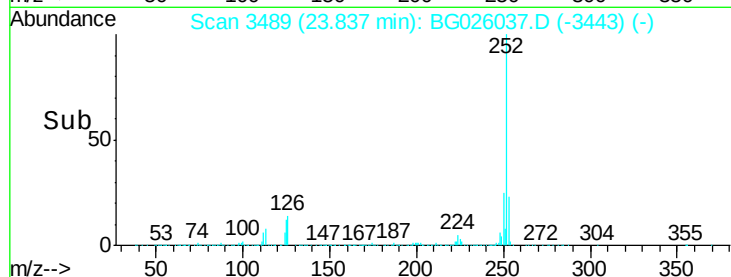
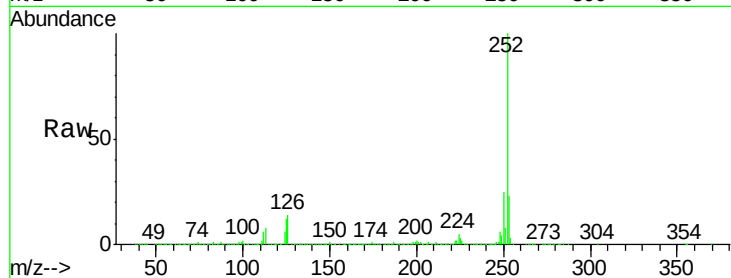
#87
Benzo(b)fluoranthene
Concen: 43.05 ng
RT: 23.84 min Scan# 3489
Delta R.T. -0.03 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion:252 Resp: 1621976
Ion Ratio Lower Upper
252 100
253 23.2 18.7 28.1
125 11.9 5.3 7.9#

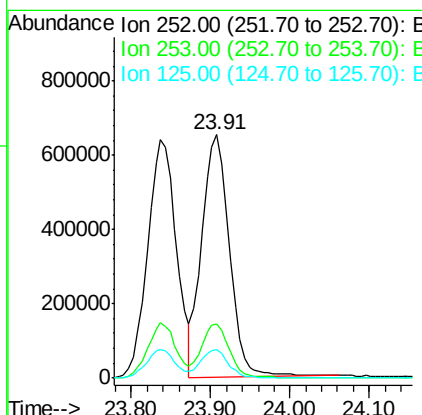
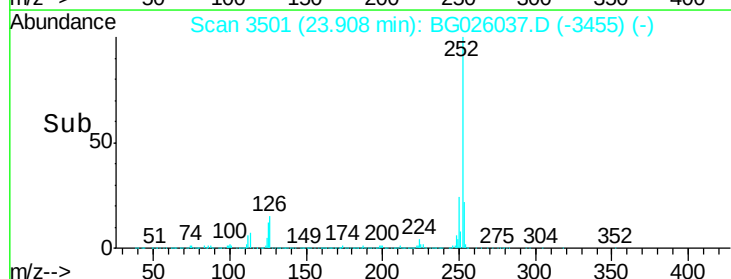
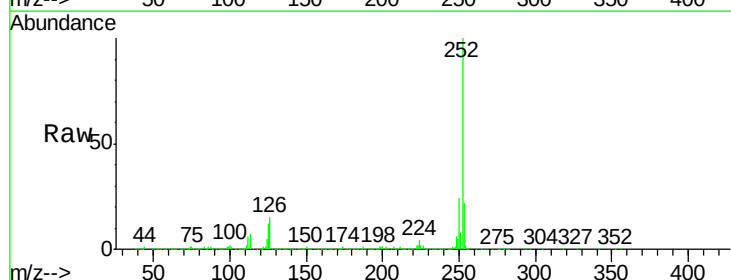
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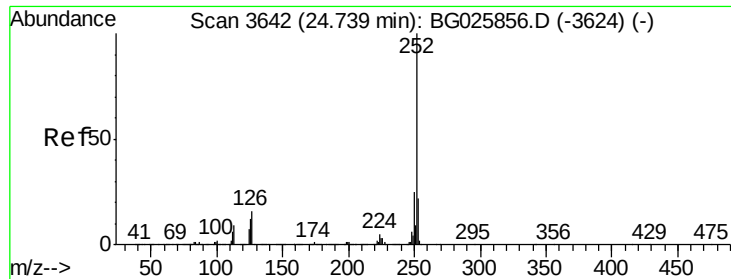
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#88
Benzo(k)fluoranthene
Concen: 42.85 ng
RT: 23.91 min Scan# 3501
Delta R.T. -0.03 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:252 Resp: 1575066
Ion Ratio Lower Upper
252 100
253 22.1 20.2 30.2
125 11.6 5.1 7.7#





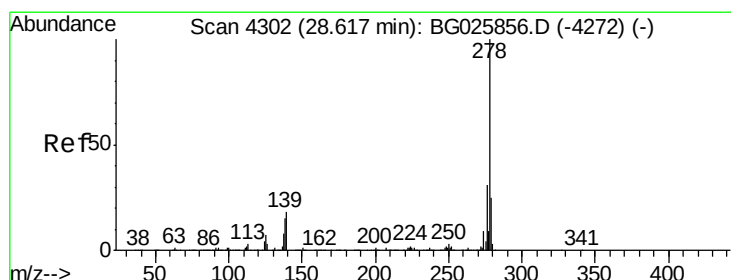
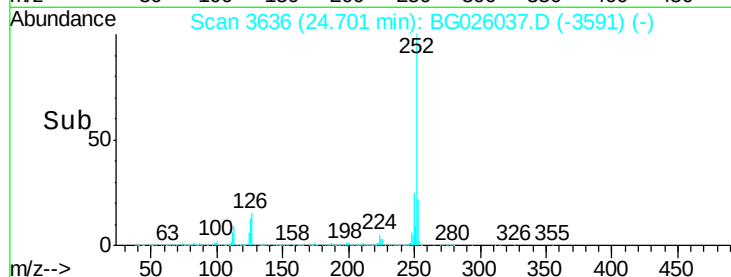
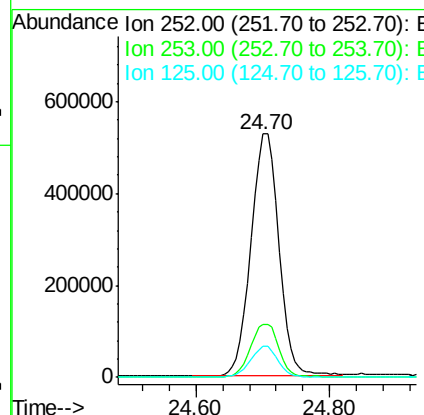
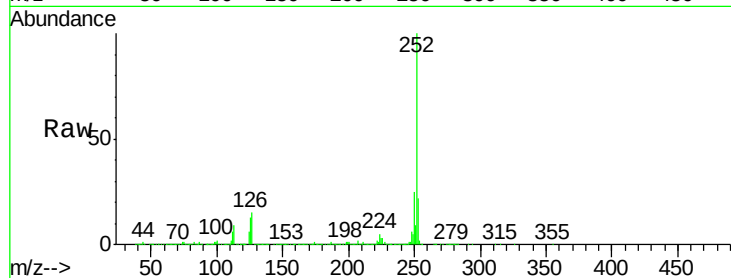
#89
Benzo(a)pyrene
Concen: 42.62 ng
RT: 24.70 min Scan# 3636
Delta R.T. -0.04 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Instrument :
BNA_G
ClientSampleId :
4B-20MSD

Tgt Ion:252 Resp: 1520418
Ion Ratio Lower Upper
252 100
253 21.9 19.2 28.8
125 12.7 5.4 8.0#

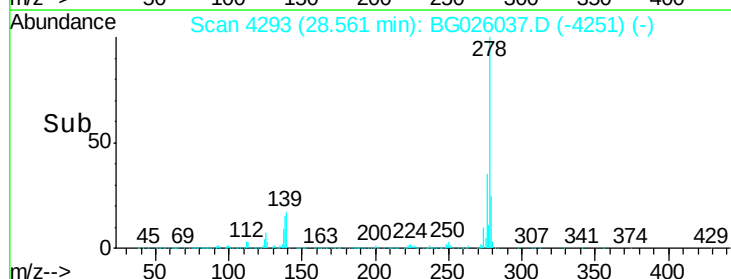
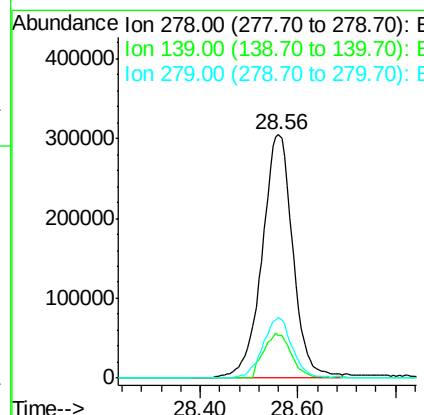
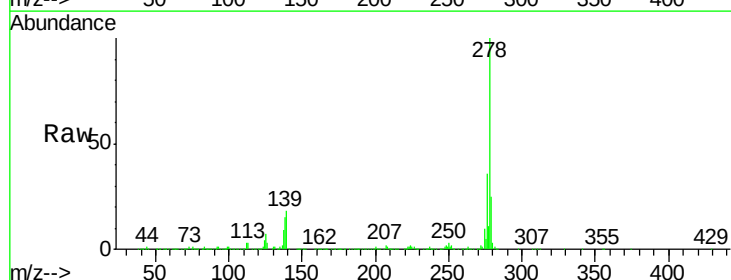
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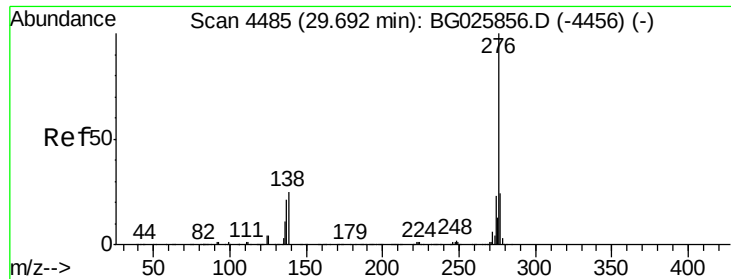
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#90
Dibenzo(a,h)anthracene
Concen: 37.34 ng
RT: 28.56 min Scan# 4293
Delta R.T. -0.06 min
Lab File: BG026037.D
Acq: 2 Mar 2017 19:57

Tgt Ion:278 Resp: 1338341
Ion Ratio Lower Upper
278 100
139 17.5 7.7 11.5#
279 24.7 19.1 28.7





#91
 Benzo(g,h,i)perylene
 Concen: 40.10 ng
 RT: 29.64 min Scan# 4477
 Delta R.T. -0.05 min
 Lab File: BG026037.D
 Acq: 2 Mar 2017 19:57

Instrument :
 BNA_G
 ClientSampleId :
 4B-20MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	23.1	8.1	12.1

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