

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025980.D
 Acq On : 28 Feb 2017 1:45
 Operator : SJ/MA
 Sample : I1998-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMS

Manual Integrations
 APPROVED

mohammad
 3/1/2017 12:37:46 PM

Quant Time: Feb 28 14:31:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	90437	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	442038	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	319593	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	817446	20.00	ng	0.00
75) Chrysene-d12	21.66	240	817852	20.00	ng	-0.02
86) Perylene-d12	24.85	264	792100	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	733842	141.27	ng	0.00
7) Phenol-d6	7.23	99	984680	128.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	617502	88.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	537504	182.04	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1713442	93.68	ng	-0.01
78) Terphenyl-d14	20.01	244	2566652	76.33	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	67814	28.56	ng	# 69
3) Pyridine	3.94	79	164638	23.27	ng	# 72
4) n-Nitrosodimethylamine	3.84	42	88510	34.79	ng	# 31
6) Aniline	7.40	93	126402	11.83	ng	# 91
8) 2-Chlorophenol	7.65	128	284288	46.05	ng	# 85
9) Benzaldehyde	7.21	77	68622	15.07	ng	# 75
10) Phenol	7.26	94	345988	41.42	ng	# 75
11) bis(2-Chloroethyl)ether	7.49	93	256007	37.29	ng	# 89
12) 1,3-Dichlorobenzene	7.97	146	270308	37.88	ng	# 89
13) 1,4-Dichlorobenzene	8.12	146	274528	37.97	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	273174	38.49	ng	# 91
15) Benzyl Alcohol	8.31	79	265921	47.24	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	335061	33.63	ng	# 91
17) 2-Methylphenol	8.51	107	267336	44.43	ng	# 82
18) Hexachloroethane	9.17	117	91153	38.04	ng	# 89
19) n-Nitroso-di-n-propylamine	8.87	70	227164	40.46	ng	# 82
20) 3+4-Methylphenols	8.84	107	382140	44.57	ng	# 87
22) Acetophenone	8.89	105	442281	41.70	ng	# 80
24) Nitrobenzene	9.28	77	315674	41.68	ng	# 78
25) Isophorone	9.80	82	660618	42.86	ng	# 92
26) 2-Nitrophenol	9.99	139	169889	47.96	ng	# 65
27) 2,4-Dimethylphenol	10.04	122	320989	48.56	ng	# 88
28) bis(2-Chloroethoxy)methane	10.28	93	396690	40.61	ng	# 96
29) 2,4-Dichlorophenol	10.52	162	321045	50.88	ng	# 97
30) 1,2,4-Trichlorobenzene	10.74	180	286590	41.76	ng	# 98
31) Naphthalene	10.93	128	997952	43.67	ng	# 100
32) Benzoic acid	10.16	122	227809	45.13	ng	# 78
34) Hexachlorobutadiene	11.22	225	156025	39.96	ng	# 98
35) Caprolactam	11.79	113	115123m	45.18	ng	# 99
36) 4-Chloro-3-methylphenol	12.14	107	392065	51.94	ng	# 79
37) 2-Methylnaphthalene	12.52	142	779006	44.75	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	340437	42.50	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	372423	84.97	ng	# 95
42) 2,4,6-Trichlorophenol	13.12	196	280793	54.28	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.19	196	307835	52.42	nq	94
45) 1,1'-Biphenyl	13.52	154	1042843	45.03	nq	98
46) 2-Chloronaphthalene	13.56	162	777699	46.45	nq	99
47) 2-Nitroaniline	13.76	65	266869	50.25	nq	# 69
48) Acenaphthylene	14.40	152	1373408	46.07	nq	99
49) Dimethylphthalate	14.13	163	1117920	50.99	nq	98
50) 2,6-Dinitrotoluene	14.25	165	265485	53.91	nq	# 65
51) Acenaphthene	14.74	154	926040	47.04	nq	99
52) 3-Nitroaniline	14.57	138	24790	4.50	nq	# 77
53) 2,4-Dinitrophenol	14.78	184	315422	122.39	nq	89
54) Dibenzofuran	15.08	168	1353440	51.56	nq	91
55) 4-Nitrophenol	14.88	139	467412	104.25	nq	# 46
56) 2,4-Dinitrotoluene	15.03	165	380783	57.47	nq	# 77
57) Fluorene	15.72	166	1138277	48.53	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	310475	59.93	nq	99
59) Diethylphthalate	15.49	149	1184473	52.23	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	536726	49.39	nq	94
61) 4-Nitroaniline	15.73	138	247837	43.40	nq	# 54
62) Azobenzene	16.00	77	1048546	53.79	nq	86
64) 4,6-Dinitro-2-methylphenol	15.79	198	229739	48.03	nq	88
65) n-Nitrosodiphenylamine	15.92	169	1036538	41.81	nq	97
66) 4-Bromophenyl-phenylether	16.60	248	362695	42.33	nq	95
67) Hexachlorobenzene	16.73	284	375162	42.49	nq	91
68) Atrazine	16.86	200	336153	38.31	nq	97
69) Pentachlorophenol	17.06	266	498055	91.44	nq	97
70) Phenanthrene	17.45	178	1844157	41.56	nq	98
71) Anthracene	17.55	178	1918364	42.40	nq	99
72) Carbazole	17.80	167	1760535	38.74	nq	96
73) Di-n-butylphthalate	18.36	149	2080639	46.64	nq	# 95
74) Fluoranthene	19.45	202	2049193	41.94	nq	95
76) Benzidine	19.64	184	75121m	2.91	nq	
77) Pyrene	19.81	202	2054836	39.73	nq	99
79) Butylbenzylphthalate	20.69	149	919330	46.83	nq	85
80) Benzo(a)anthracene	21.64	228	1969287	41.24	nq	98
81) 3,3'-Dichlorobenzidine	21.55	252	220471	12.95	nq	# 98
82) Chrysene	21.71	228	1787293	38.92	nq	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1297478	45.78	nq	# 97
84) Di-n-octyl phthalate	22.75	149	2227690	47.59	nq	# 86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2360088	43.64	nq	# 96
87) Benzo(b)fluoranthene	23.84	252	2003684	42.24	nq	# 96
88) Benzo(k)fluoranthene	23.91	252	1990049	42.99	nq	# 93
89) Benzo(a)pyrene	24.71	252	1952023	43.45	nq	# 94
90) Dibenzo(a,h)anthracene	28.57	278	1967738	43.60	nq	# 93
91) Benzo(g,h,i)perylene	29.65	276	1956558	43.24	nq	# 89

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

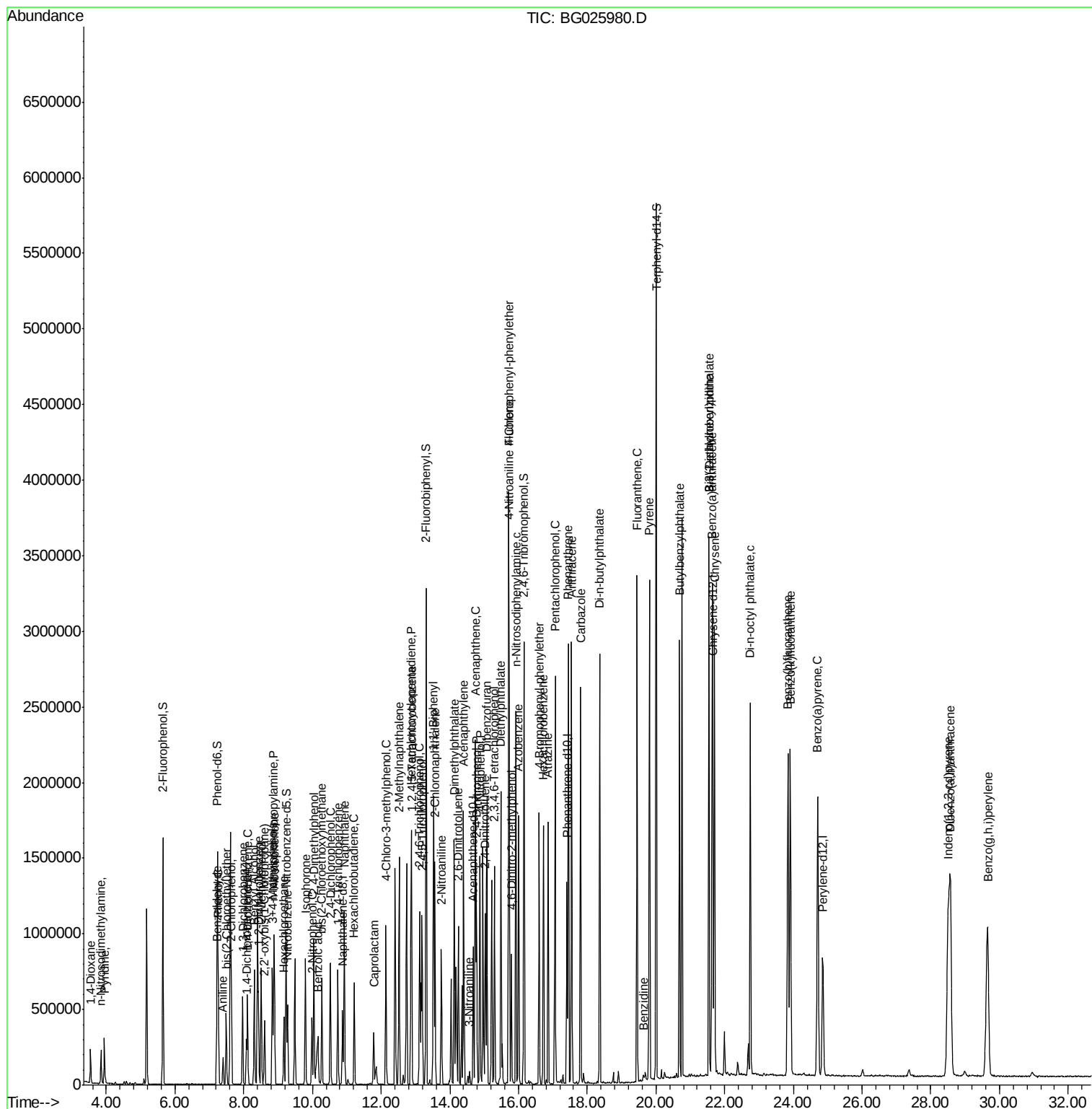
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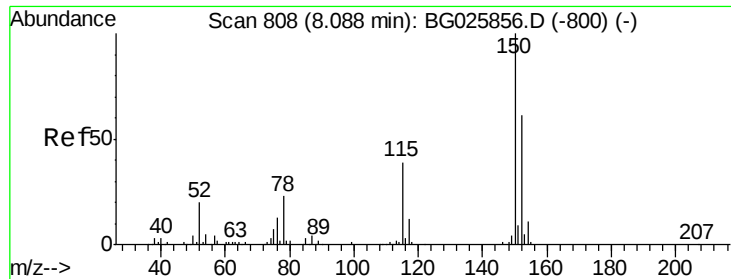
Instrument :
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#1

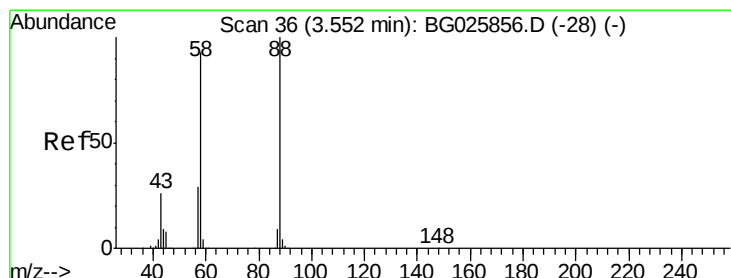
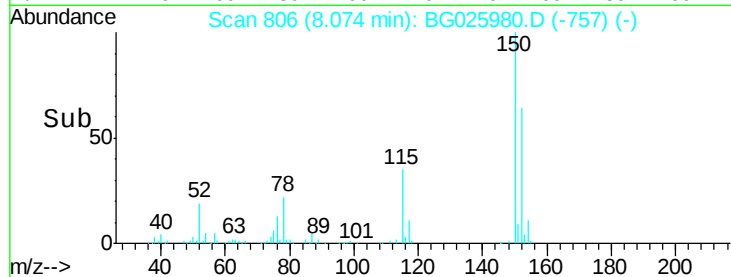
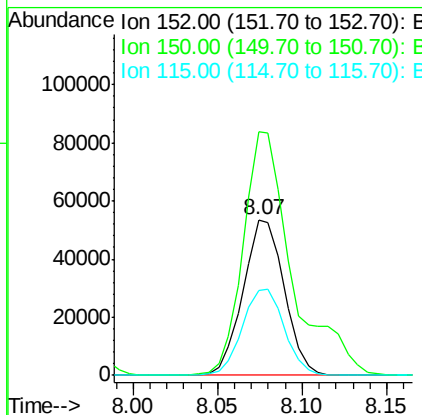
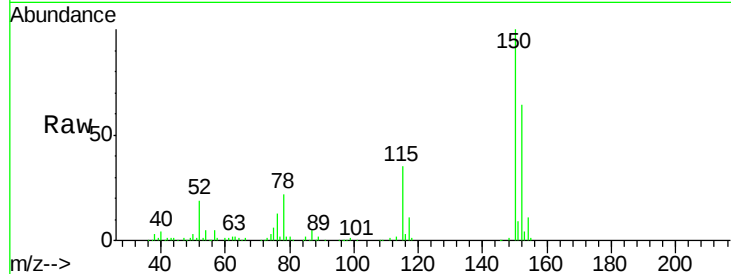
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	114.0	171.0
115	54.3	48.1	72.1

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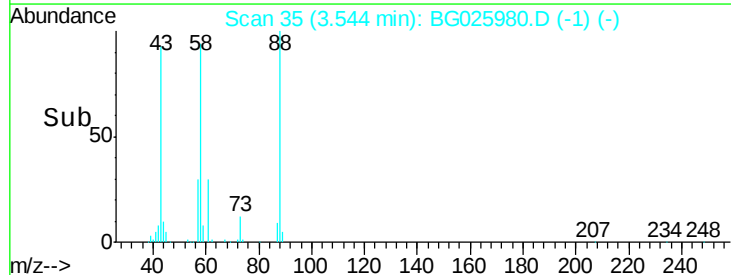
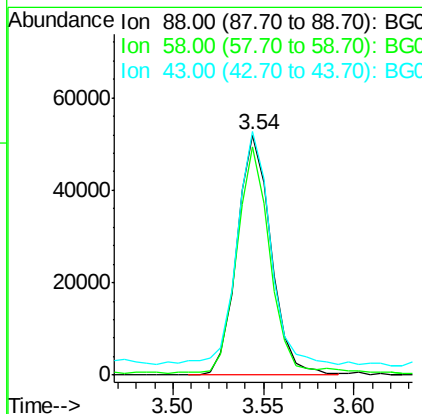
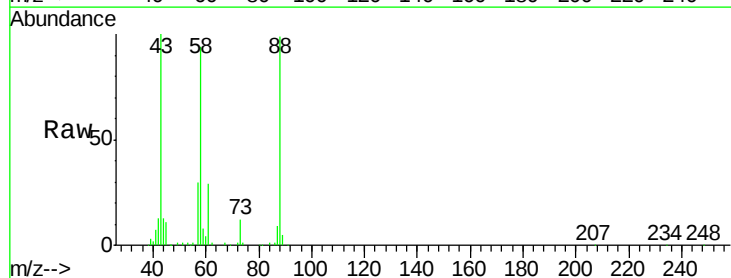
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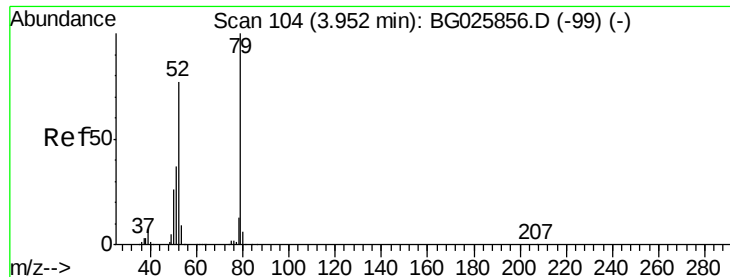


#2

1,4-Dioxane
Concen: 28.56 ng
RT: 3.54 min Scan# 35
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.4	79.4	119.2
43	98.6	33.8	50.6





#3

Pvridine

Concen: 23.27 ng

RT: 3.94 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

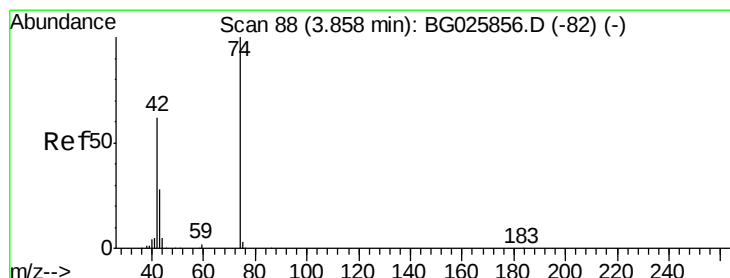
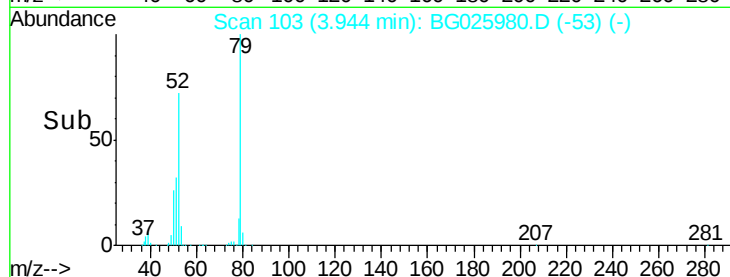
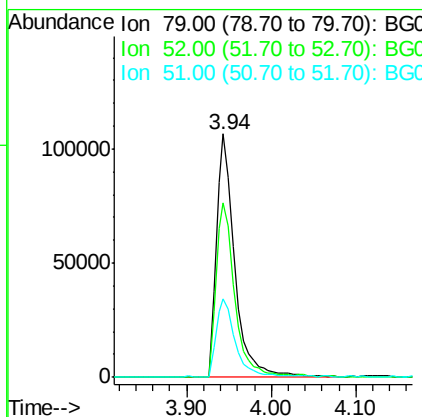
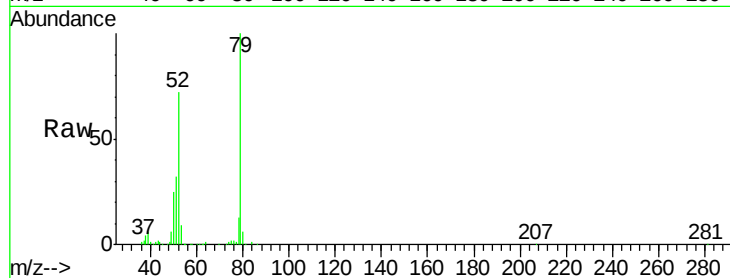
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.7	77.8	116.6#
51	32.1	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 34.79 ng

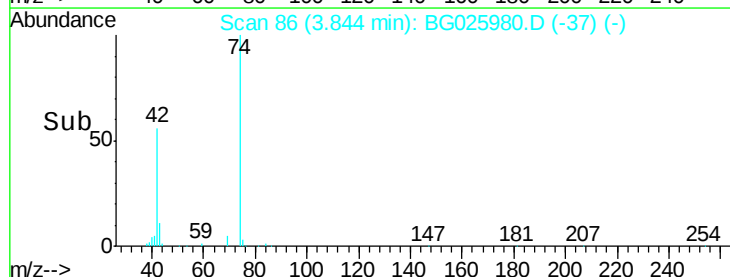
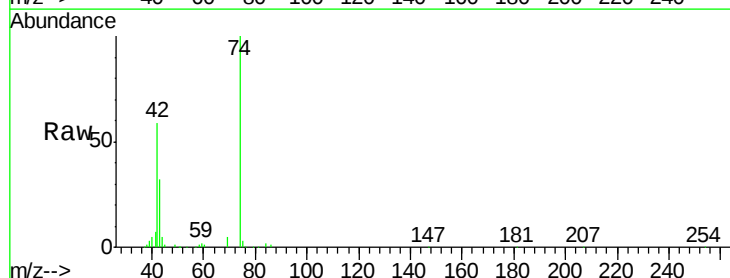
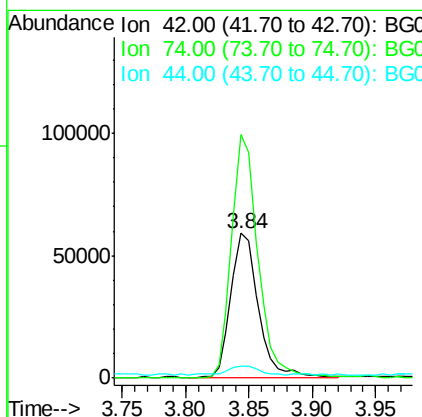
RT: 3.84 min Scan# 86

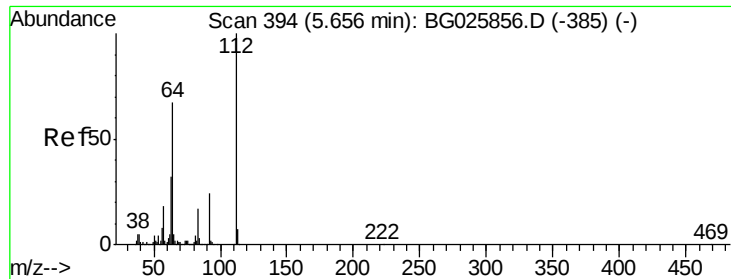
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	168.2	76.7	115.1#
44	8.4	6.1	9.1





#5

2-Fluorophenol

Concen: 141.27 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

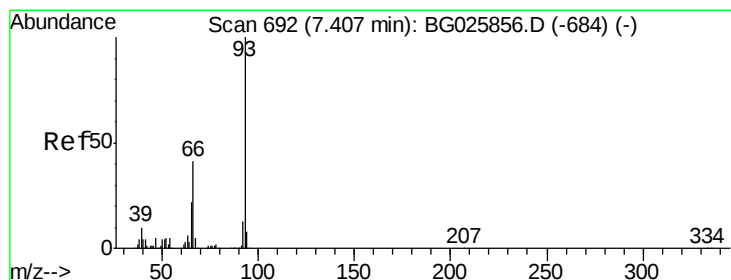
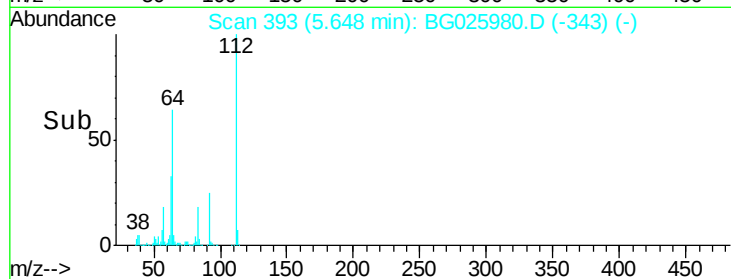
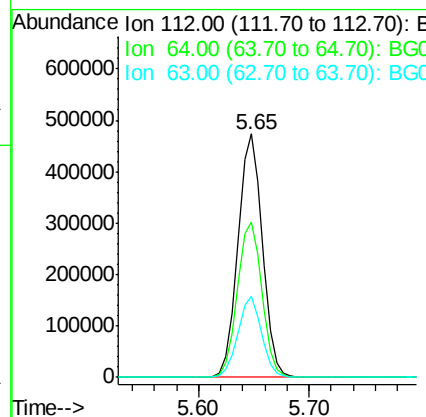
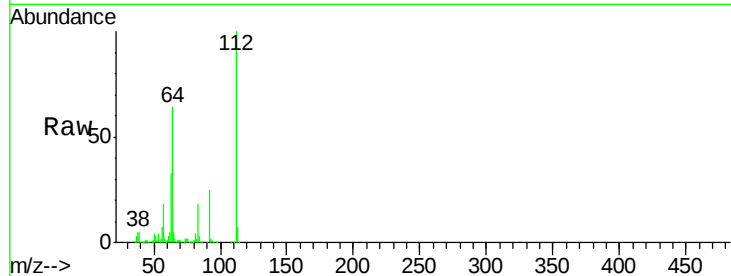
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:	112	Resp:	733842
Ion Ratio	Lower	Upper	
112	100		
64	63.9	61.8	92.6
63	33.4	37.2	55.8#

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#6

Aniline

Concen: 11.83 ng

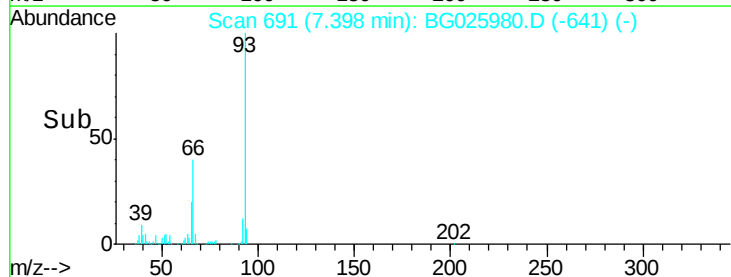
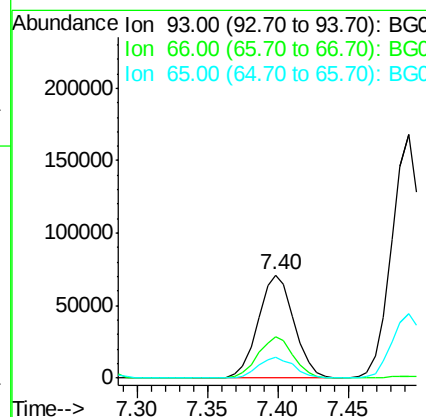
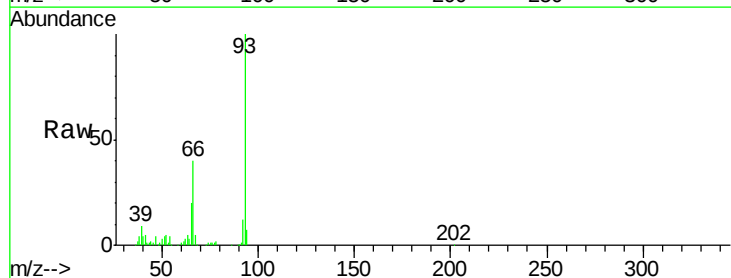
RT: 7.40 min Scan# 691

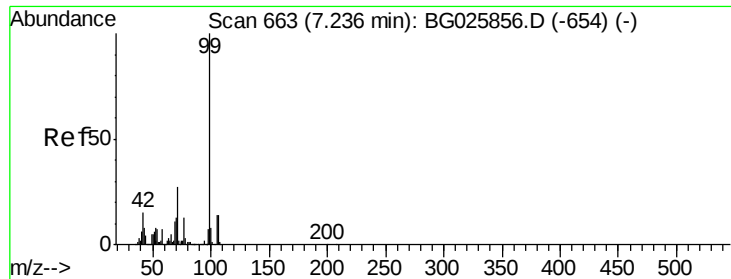
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion:	93	Resp:	126402
Ion Ratio	Lower	Upper	
93	100		
66	40.3	35.4	53.2
65	19.9	21.2	31.8#





#7

Phenol-d6

Concen: 128.10 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion: 99 Resp: 984680

Ion Ratio Lower Upper

99 100

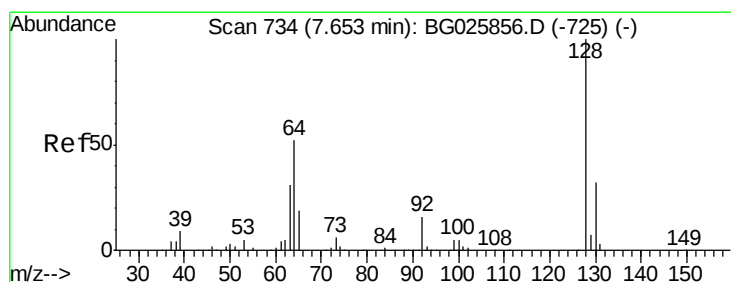
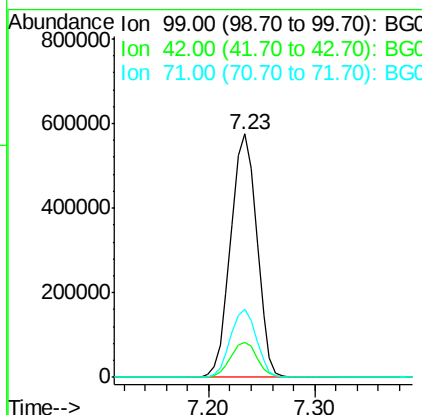
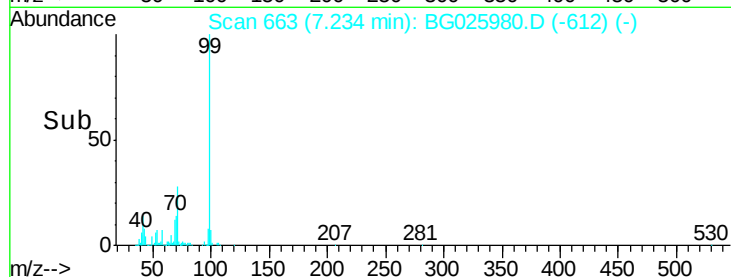
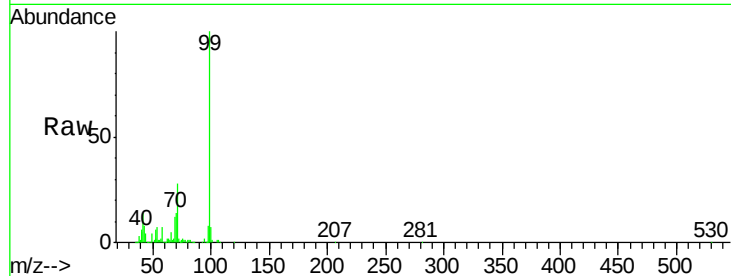
42 14.2 20.5 30.7#

71 28.1 37.6 56.4#

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#8

2-Chlorophenol

Concen: 46.05 ng

RT: 7.65 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

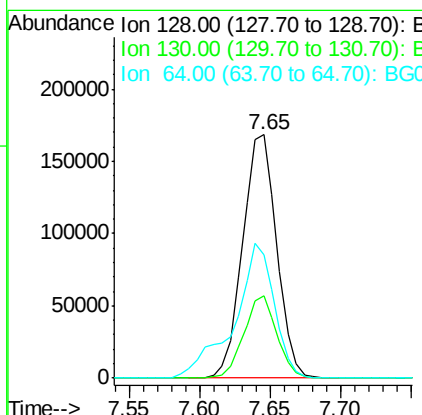
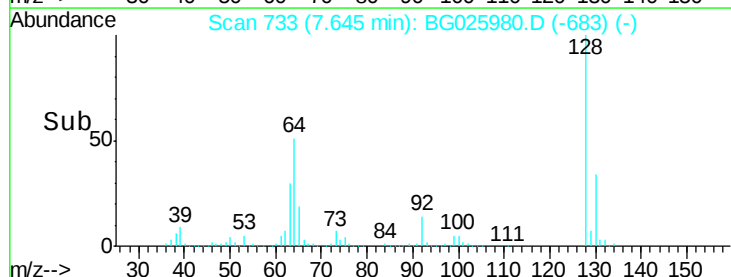
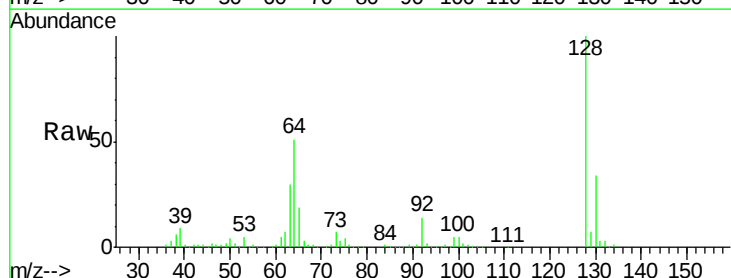
Tgt Ion: 128 Resp: 284288

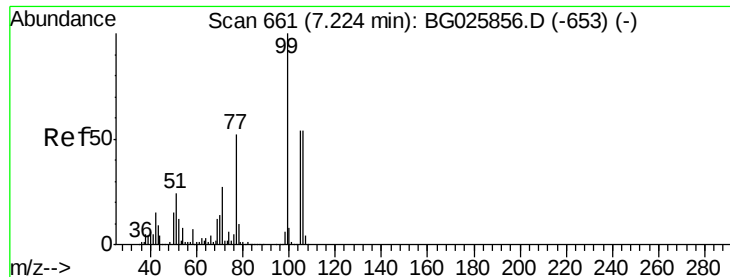
Ion Ratio Lower Upper

128 100

130 33.9 11.4 51.4

64 50.7 46.6 86.6





#9

Benzaldehyde

Concen: 15.07 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

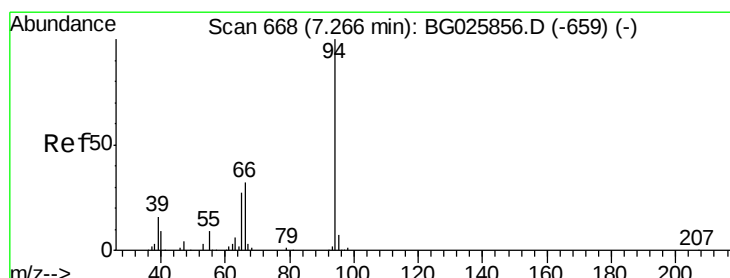
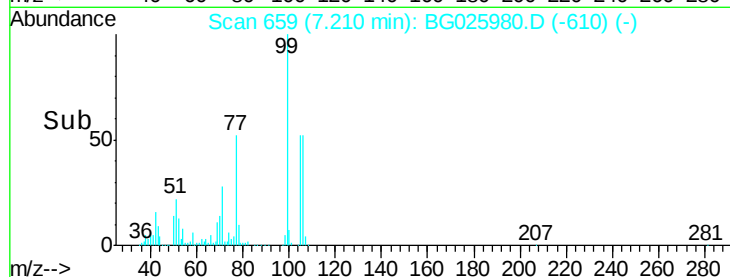
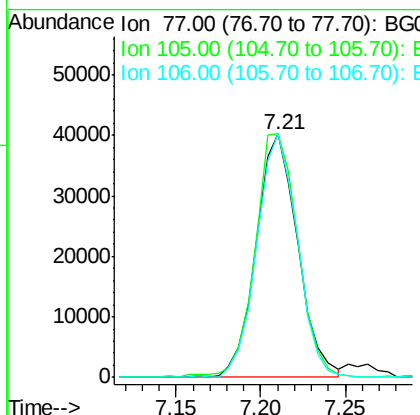
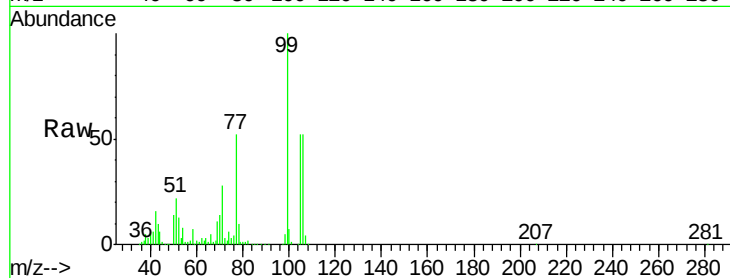
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.2	60.9	100.9		
106	100.1	55.1	95.1		

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#10

Phenol

Concen: 41.42 ng

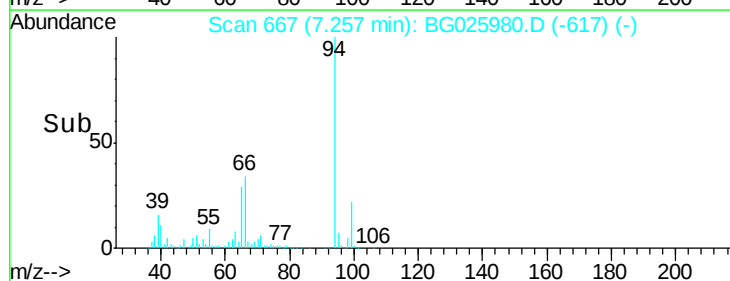
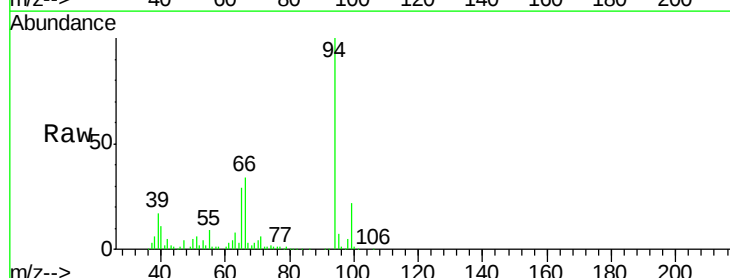
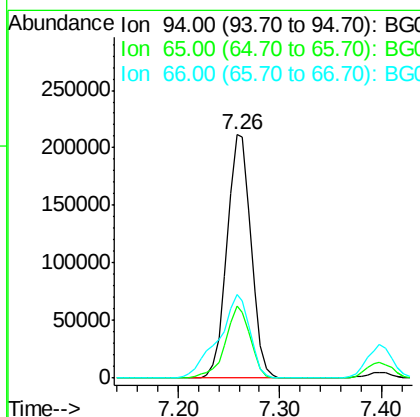
RT: 7.26 min Scan# 667

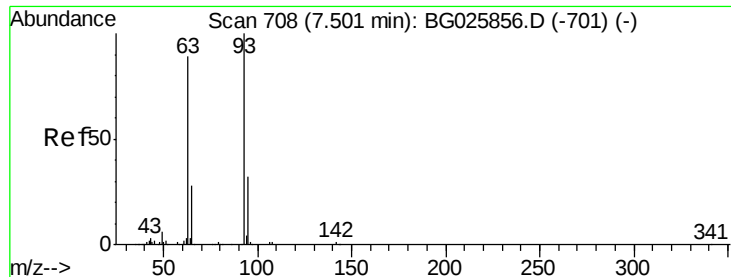
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.4	20.6	60.6		
66	34.2	35.5	75.5		





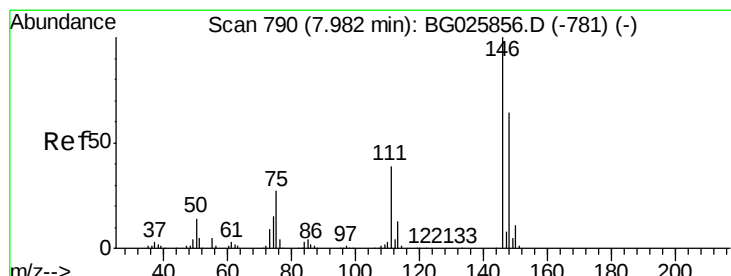
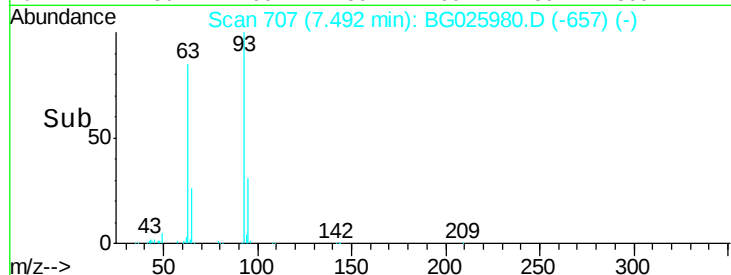
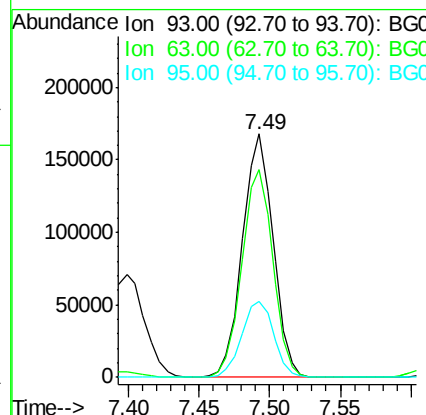
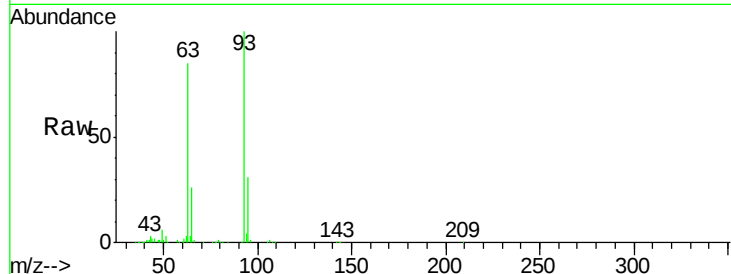
#11
bis(2-Chloroethyl)ether
Concen: 37.29 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.4	78.5	118.5
95	31.0	9.8	49.8

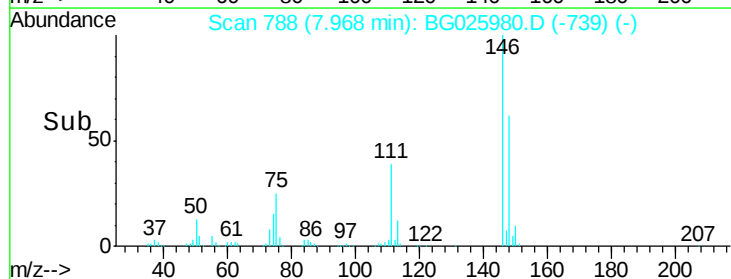
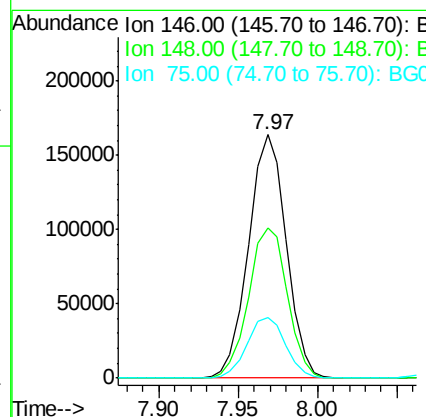
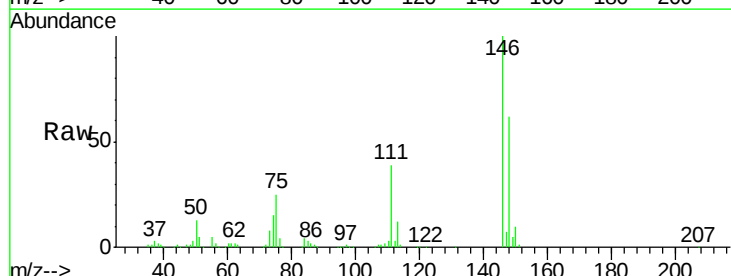
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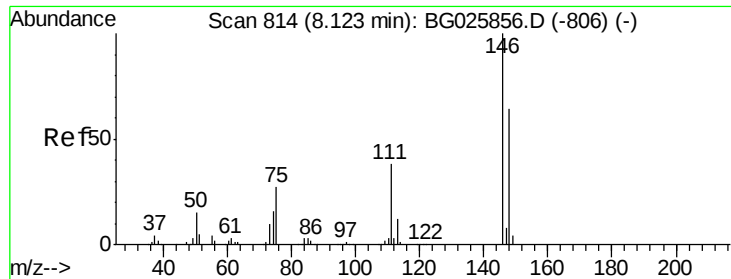
mohammad
3/1/2017 12:37:46 PM



#12
1,3-Dichlorobenzene
Concen: 37.88 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	49.2	73.8
75	25.0	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 37.97 ng

RT: 8.12 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

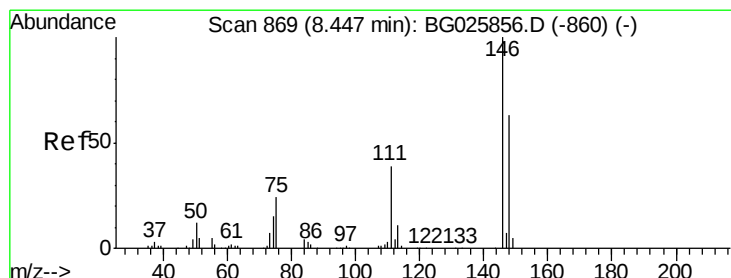
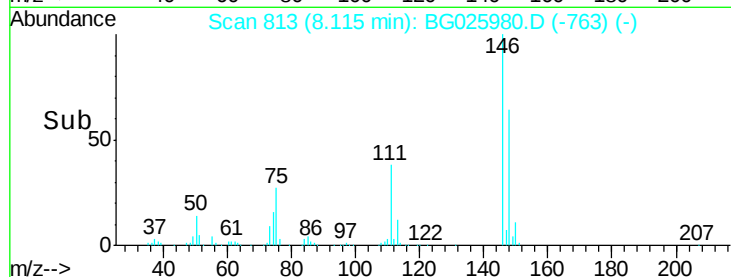
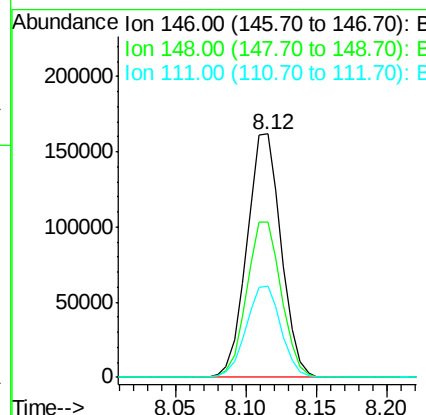
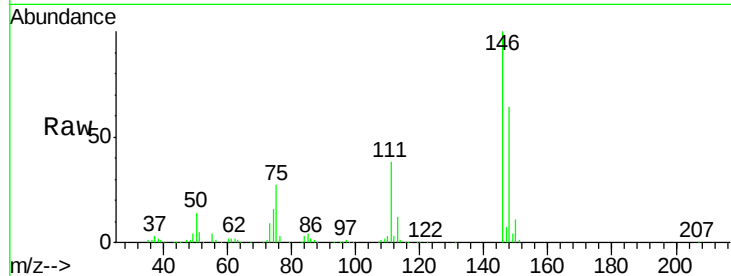
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:	146	Resp:	274528
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	37.7	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 38.49 ng

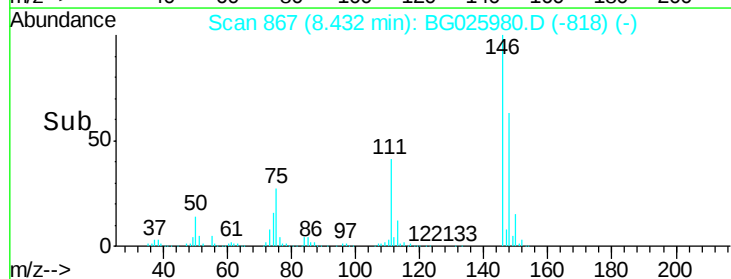
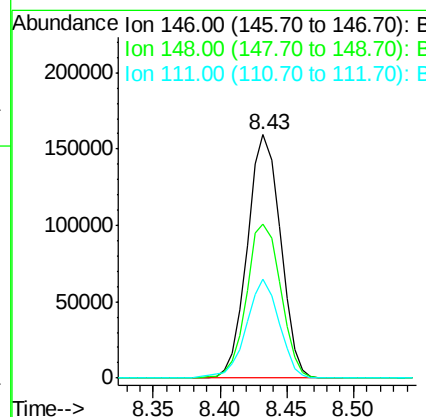
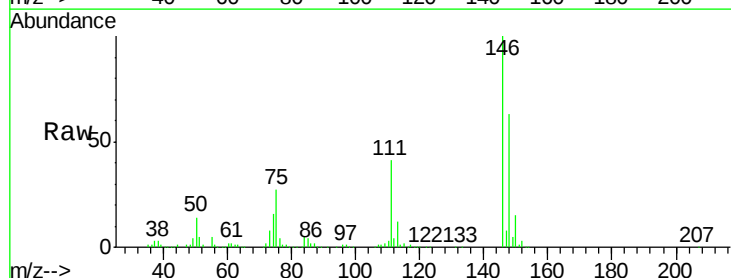
RT: 8.43 min Scan# 867

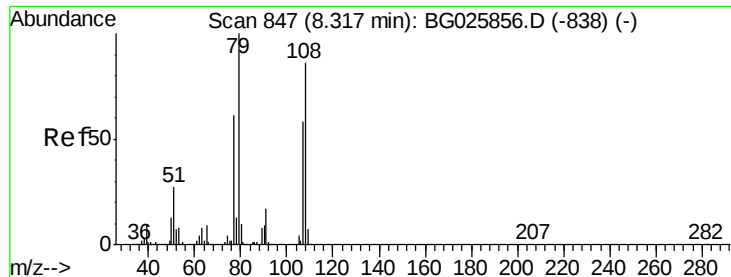
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion:	146	Resp:	273174
Ion Ratio	Lower	Upper	
146	100		
148	63.2	54.6	81.8
111	40.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 47.24 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

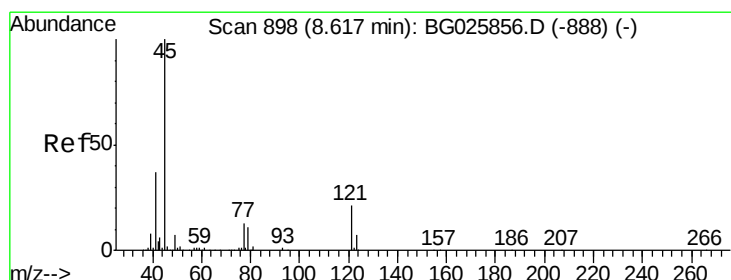
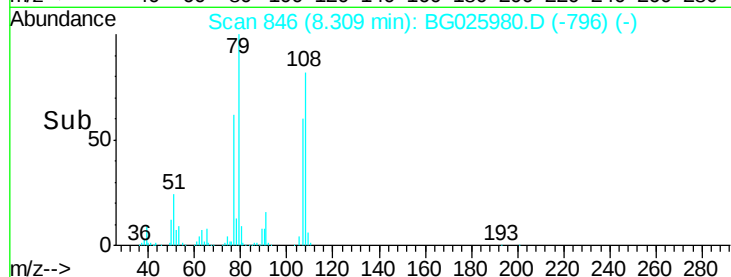
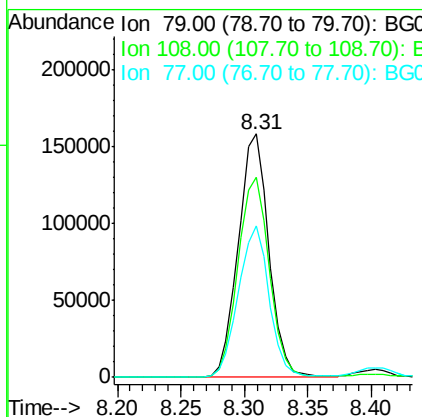
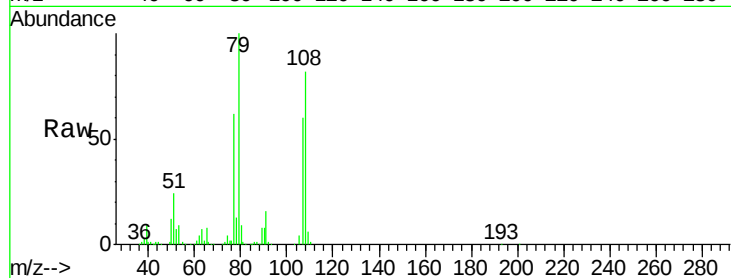
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:	79	Resp:	265921
Ion Ratio	Lower	Upper	
79	100		
108	82.3	45.5	68.3#
77	62.2	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.63 ng

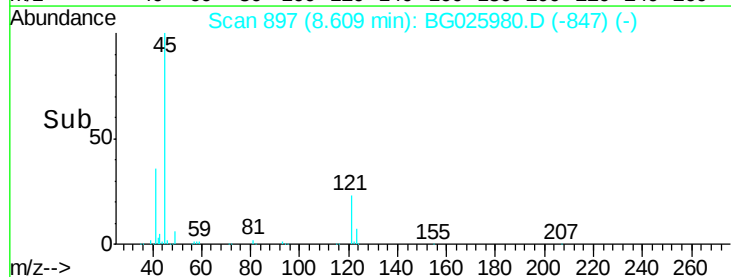
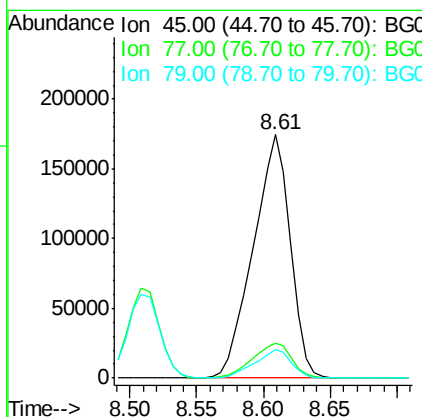
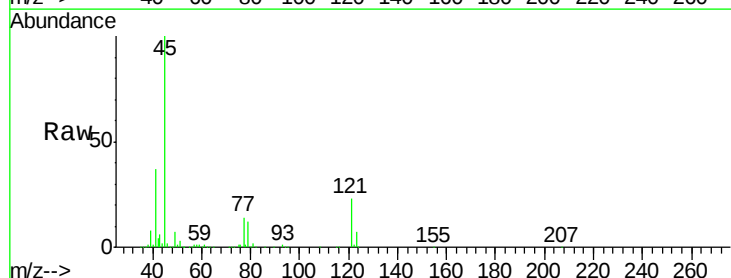
RT: 8.61 min Scan# 897

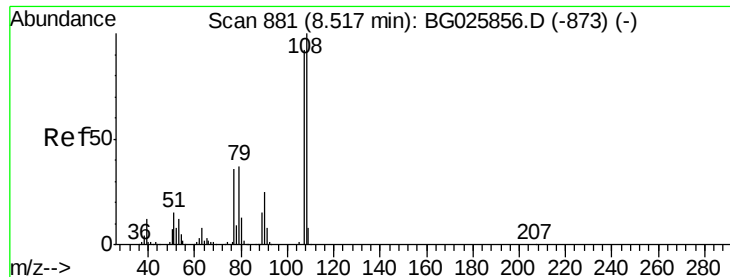
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion:	45	Resp:	335061
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	30.6
79	11.6	0.0	28.5





#17

2-Methylphenol

Concen: 44.43 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

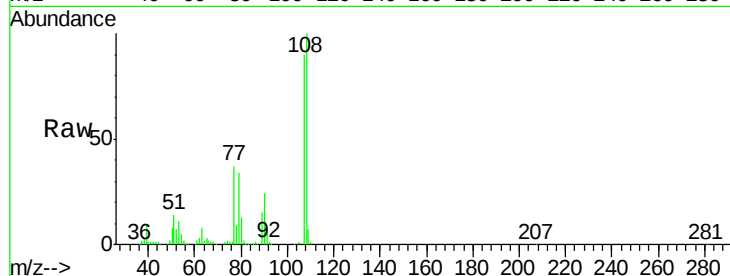
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	85.6	128.4
77	40.6	51.4	77.2#
79	37.9	49.2	73.8#

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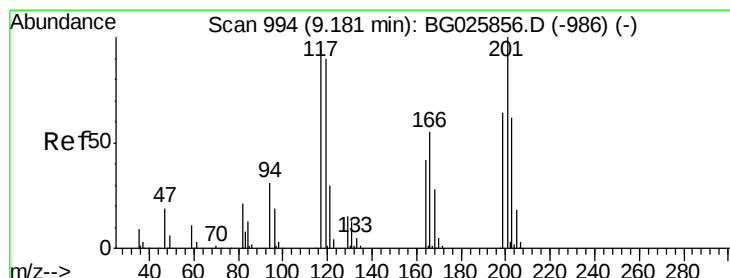
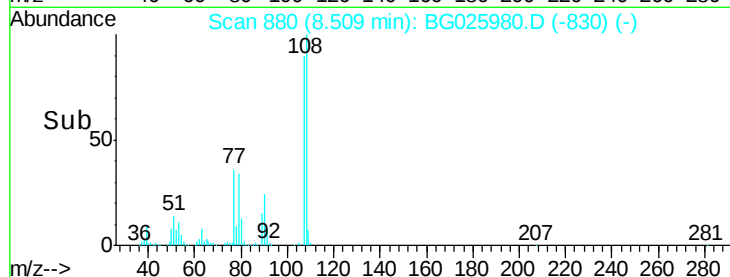
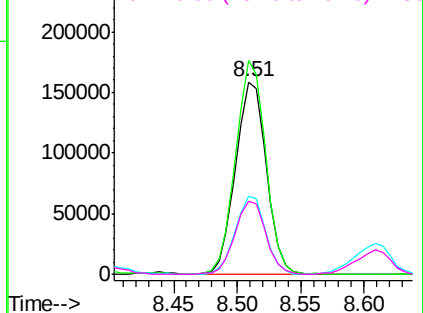
Abundance

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: 38.04 ng

RT: 9.17 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

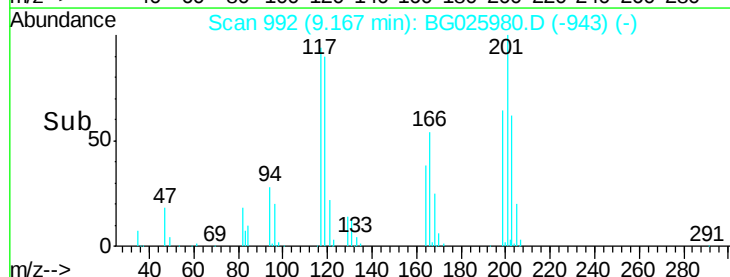
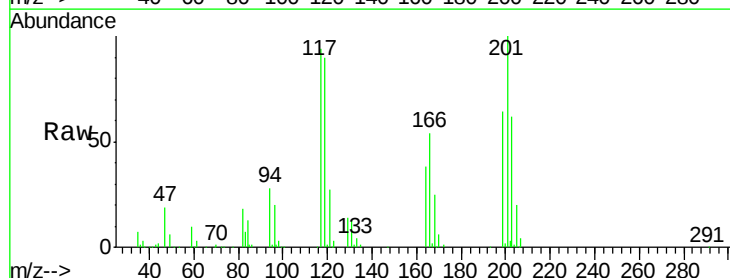
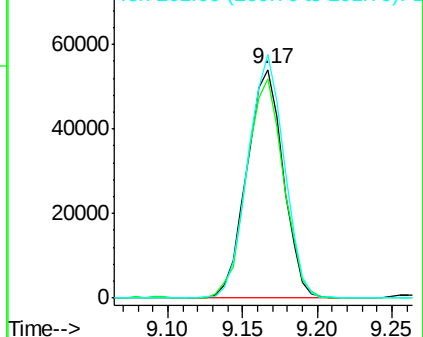
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	69.8	104.6
201	106.6	95.4	143.0

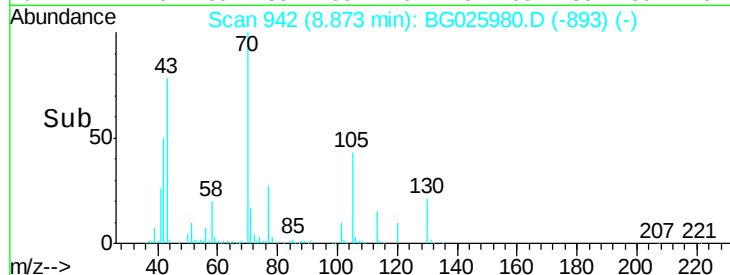
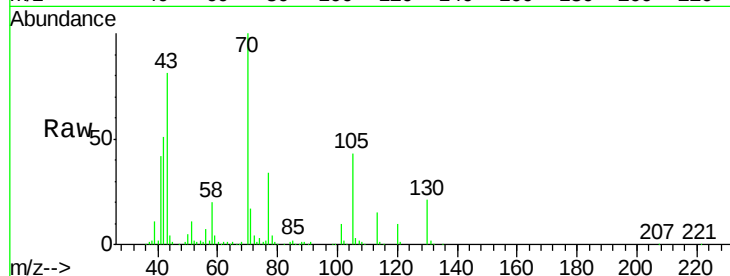
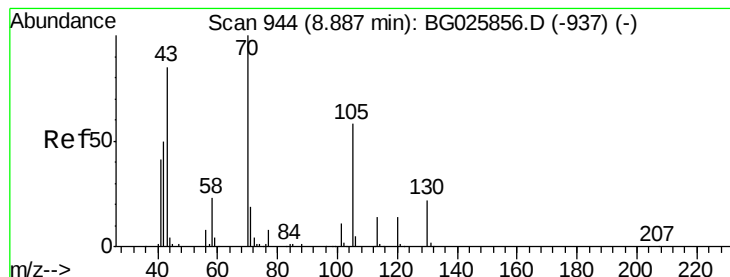
Abundance

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: 40.46 ng

RT: 8.87 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

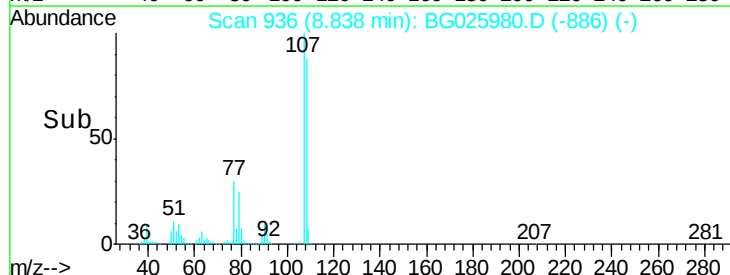
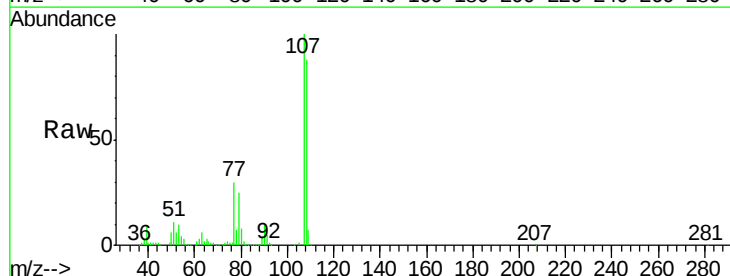
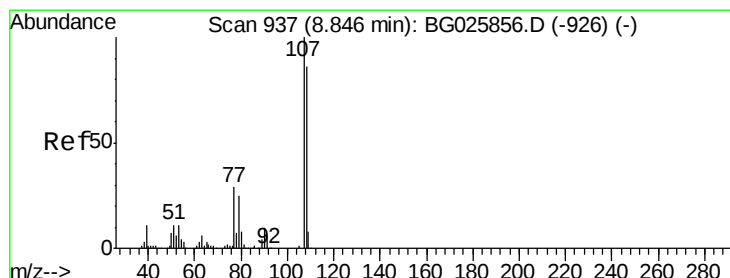
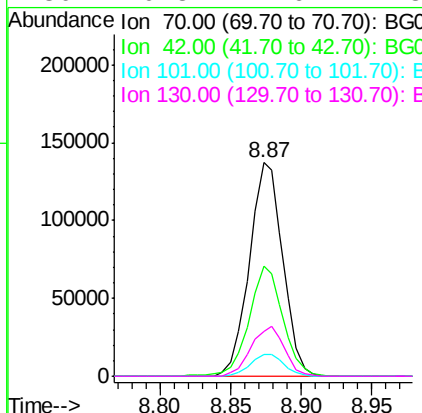
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.3	56.1	84.1#
101	10.2	7.5	11.3
130	20.8	14.6	21.8

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#20

3+4-Methylphenols

Concen: 44.57 ng

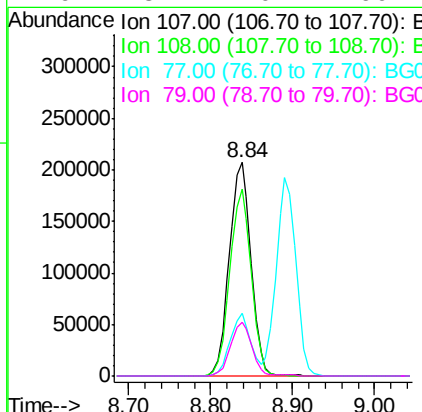
RT: 8.84 min Scan# 936

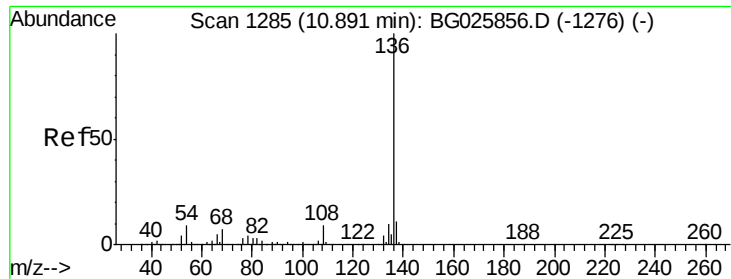
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.8	110.8
77	29.5	25.8	65.8
79	25.4	20.1	60.1





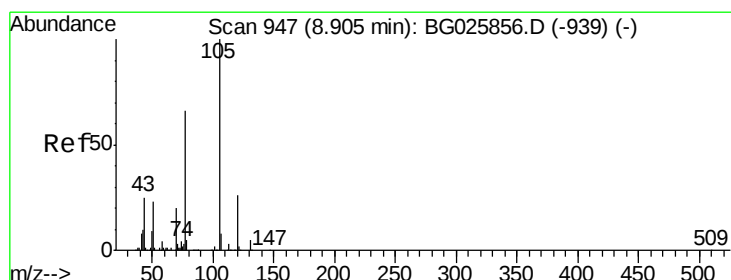
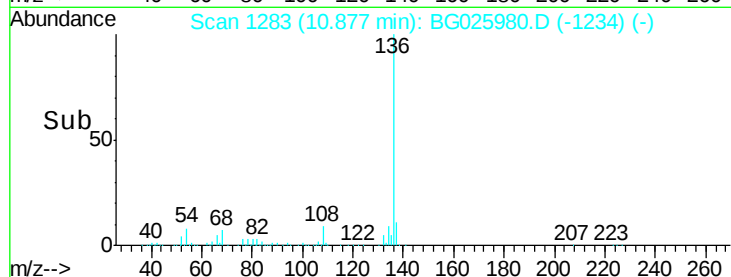
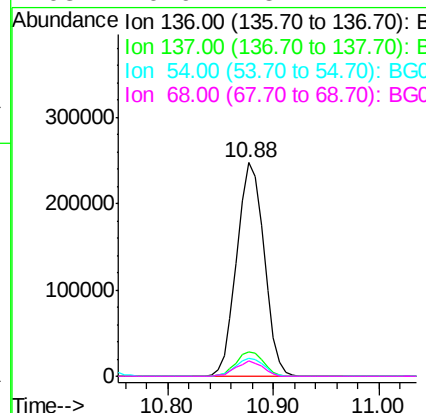
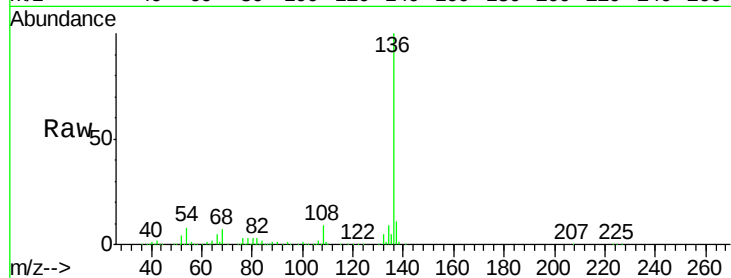
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	8.5	9.3	13.9	
68	6.9	5.1	7.7	

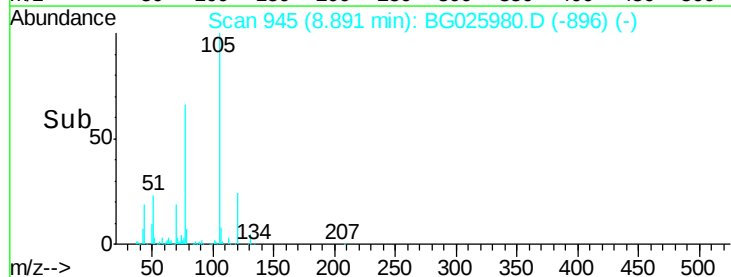
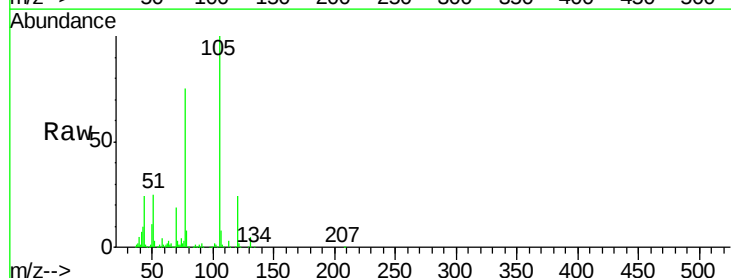
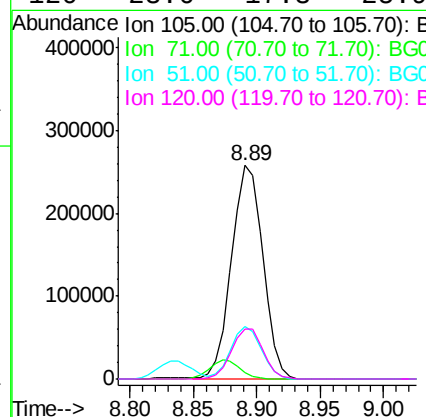
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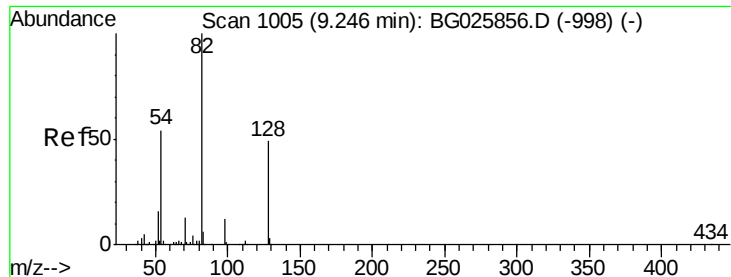
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#22
Acetophenone
Concen: 41.70 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	0.9	1.3	
51	24.8	34.0	51.0	
120	23.6	17.3	25.9	





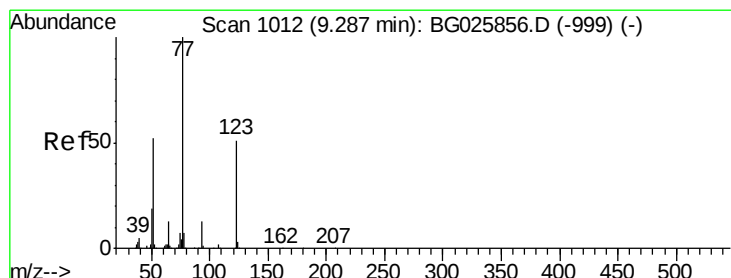
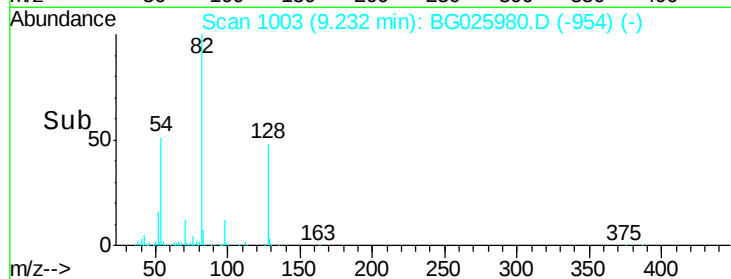
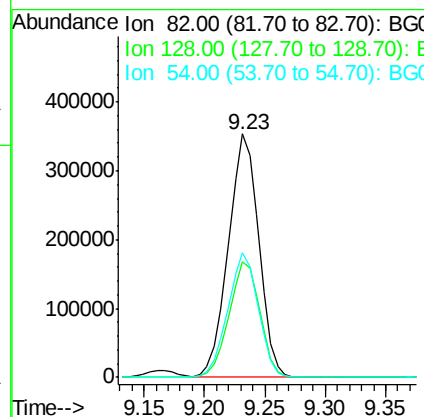
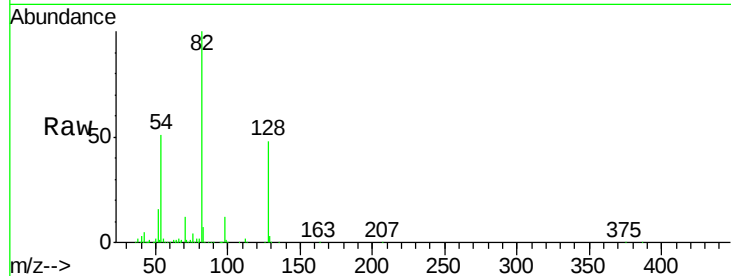
#23
 Nitrobenzene-d5
 Concen: 88.16 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025980.D
 Acq: 28 Feb 2017 1:45

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	26.4	39.6#
54	50.9	49.4	74.2

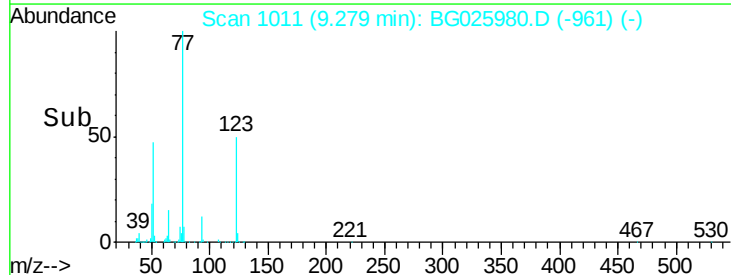
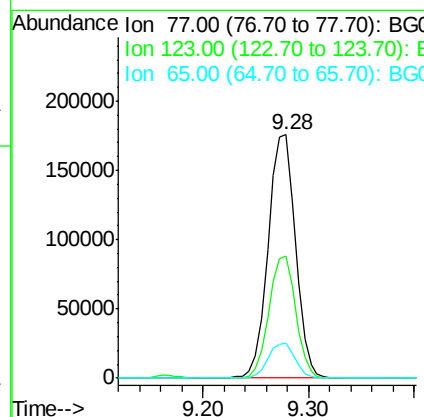
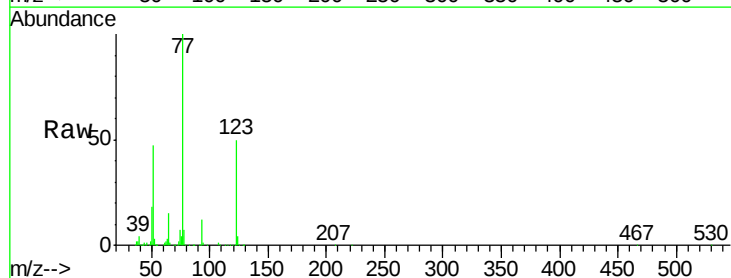
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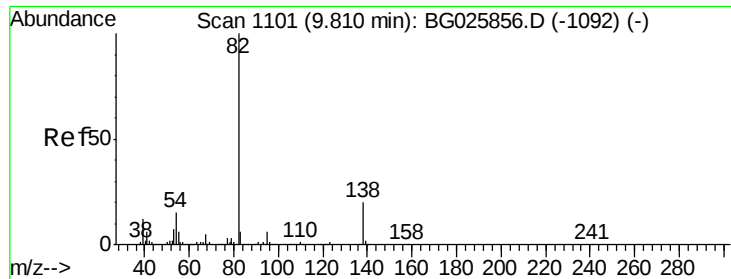
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#24
 Nitrobenzene
 Concen: 41.68 ng
 RT: 9.28 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG025980.D
 Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	26.1	39.1#
65	14.5	12.4	18.6





#25

Isophorone

Concen: 42.86 ng

RT: 9.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

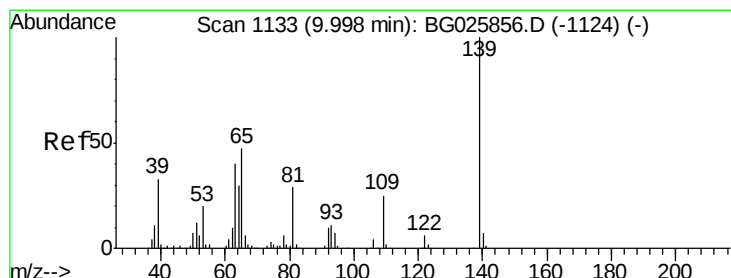
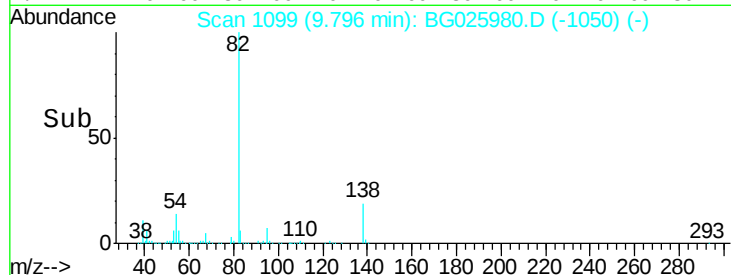
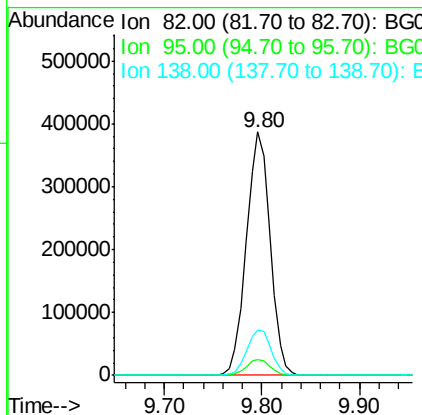
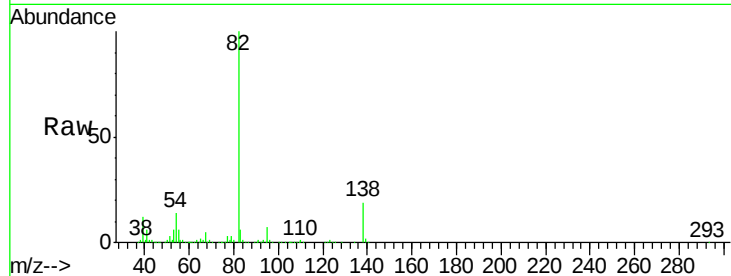
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:	82	Resp:	660618
Ion Ratio		Lower	Upper
82	100		
95	6.7	7.5	11.3#
138	18.8	12.3	18.5#

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#26

2-Nitrophenol

Concen: 47.96 ng

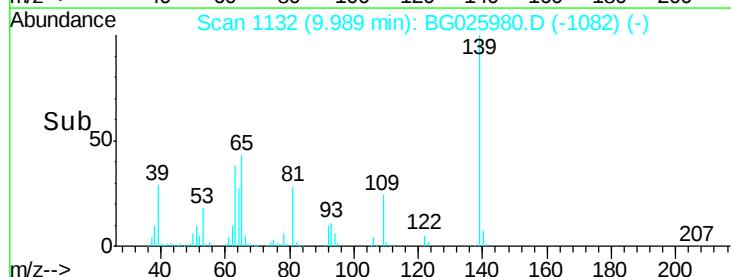
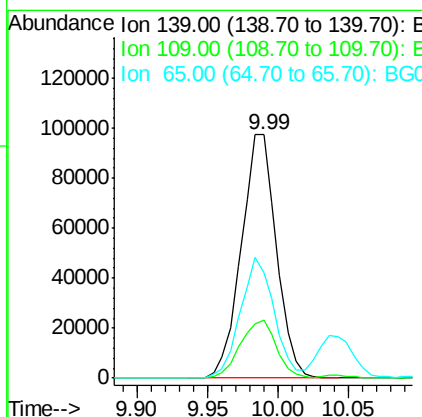
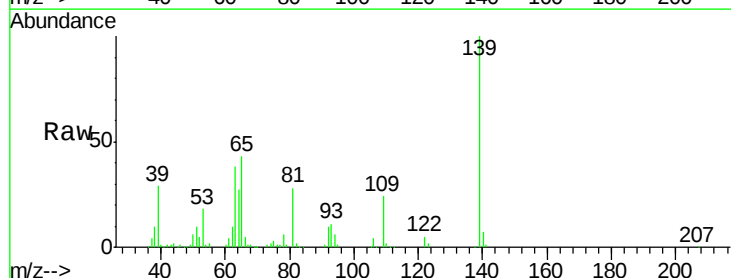
RT: 9.99 min Scan# 1132

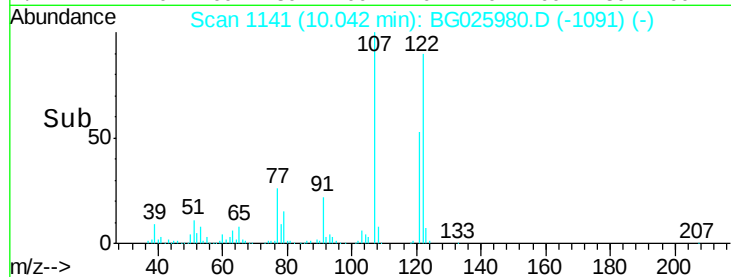
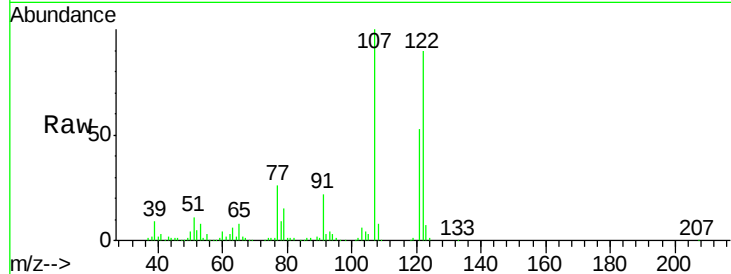
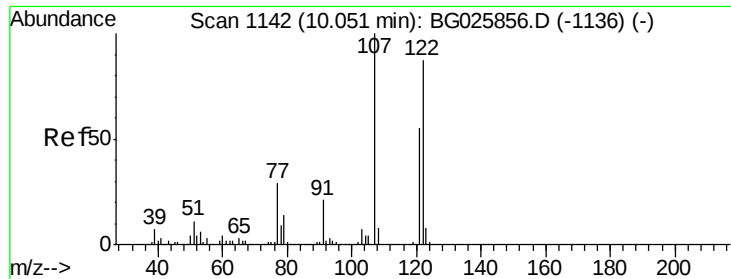
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion:	139	Resp:	169889
Ion Ratio		Lower	Upper
139	100		
109	23.9	38.6	58.0#
65	43.2	57.1	85.7#





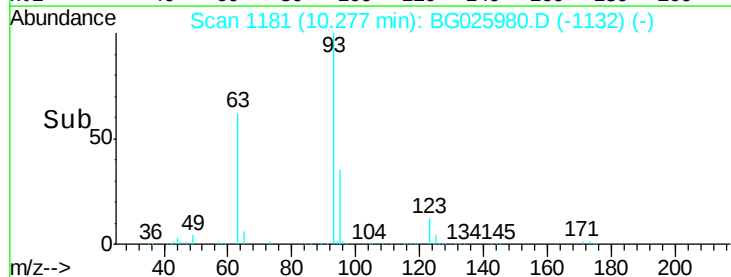
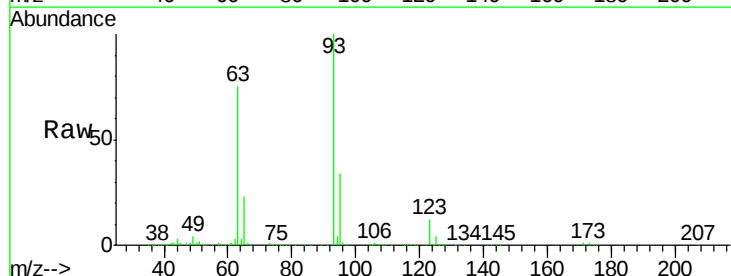
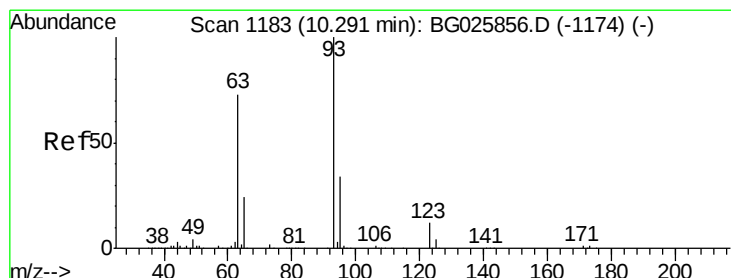
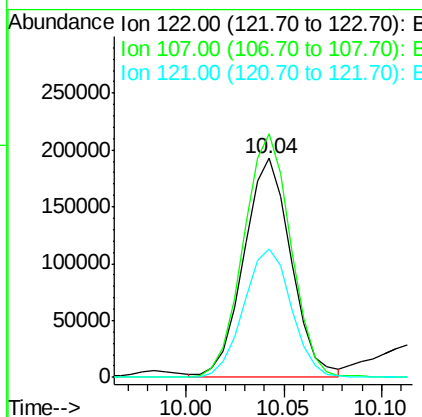
#27
2,4-Dimethylphenol
Concen: 48.56 ng
RT: 10.04 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	104.2	156.4
121	58.8	46.0	69.0

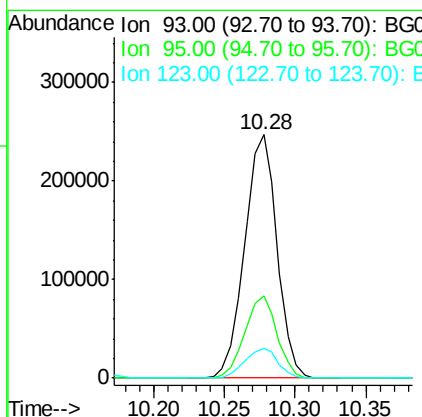
Manual Integrations
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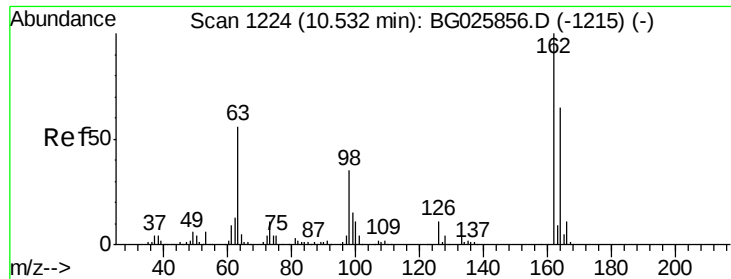
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.61 ng
RT: 10.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.7	38.5
123	12.2	8.3	12.5





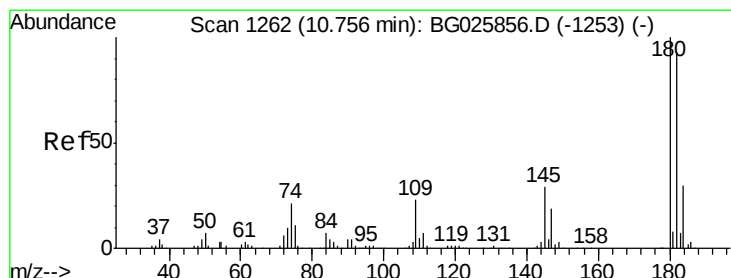
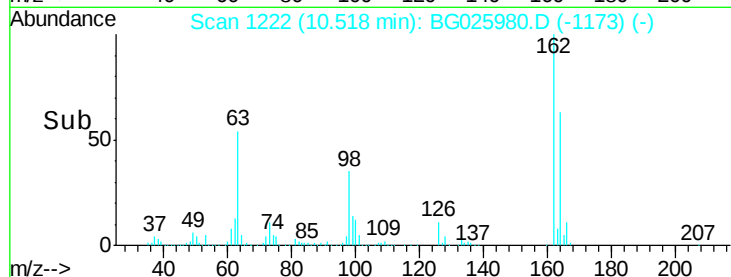
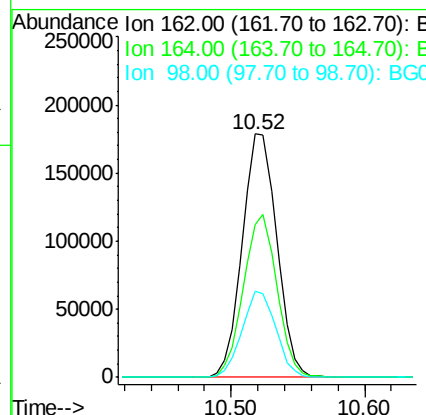
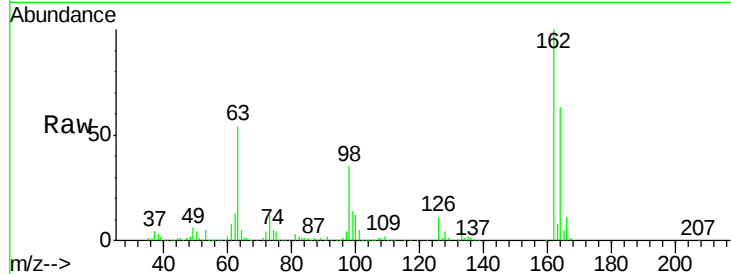
#29
2,4-Dichlorophenol
Concen: 50.88 ng
RT: 10.52 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	321045		
164	62.7	42.4	82.4	
98	35.4	20.3	60.3	

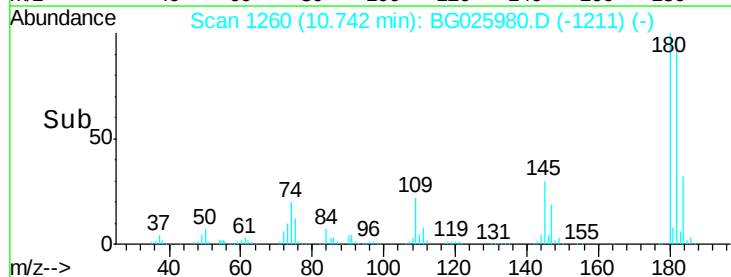
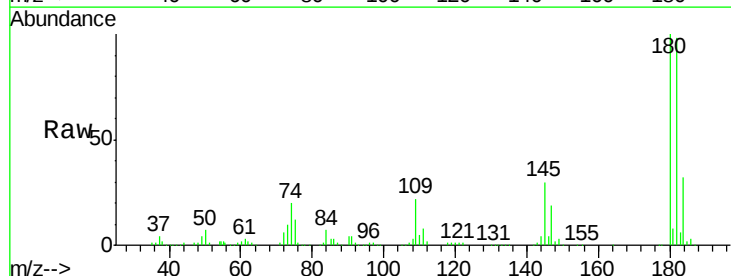
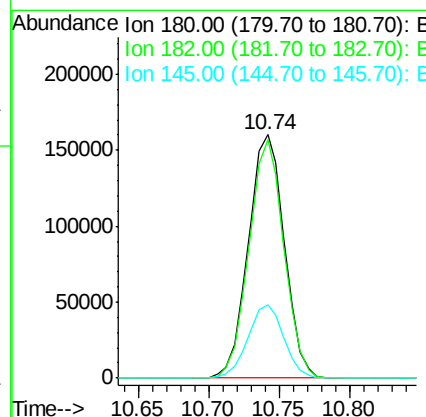
Manual Integrations
APPROVED

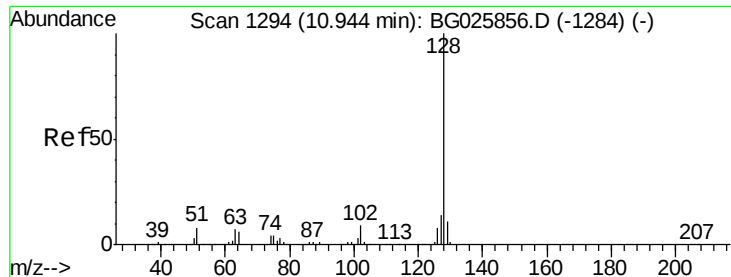
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#30
1,2,4-Trichlorobenzene
Concen: 41.76 ng
RT: 10.74 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	286590		
182	98.0	77.0	115.4	
145	30.3	23.4	35.0	





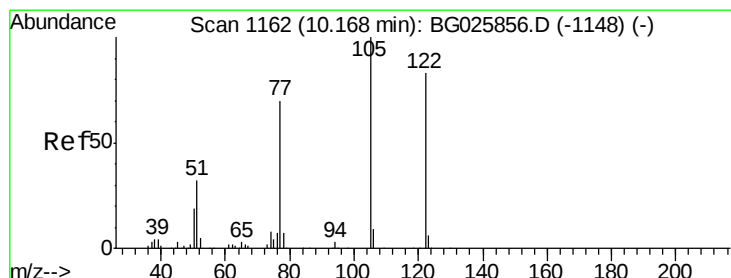
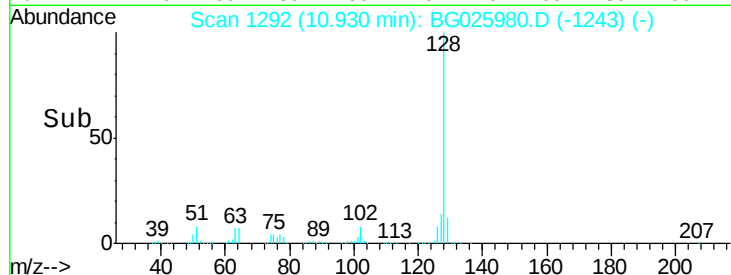
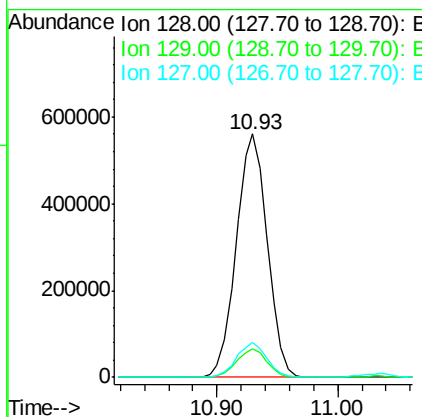
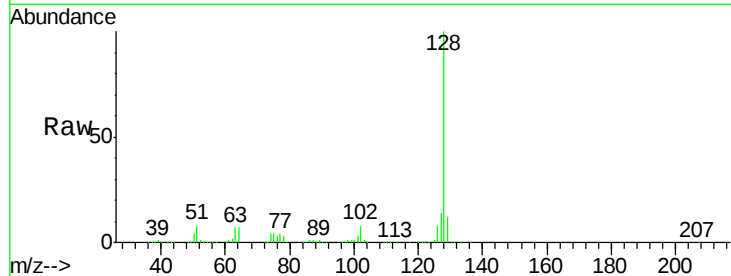
#31
Naphthalene
Concen: 43.67 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	997952		
129	11.6	9.3	13.9	
127	14.1	11.4	17.0	

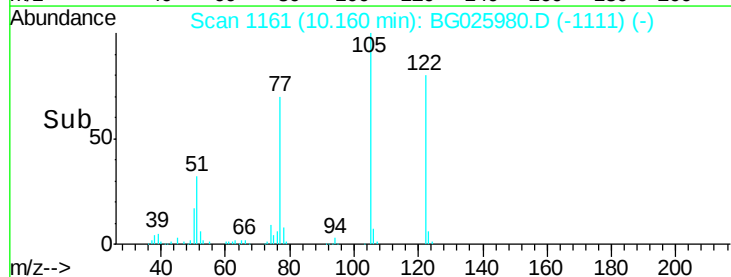
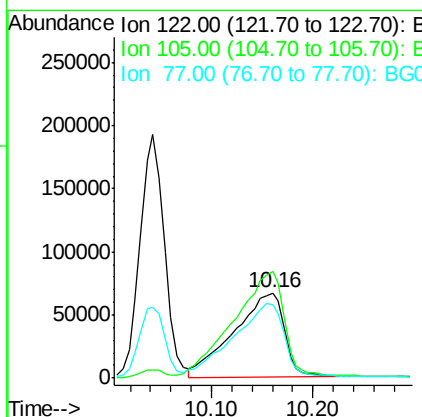
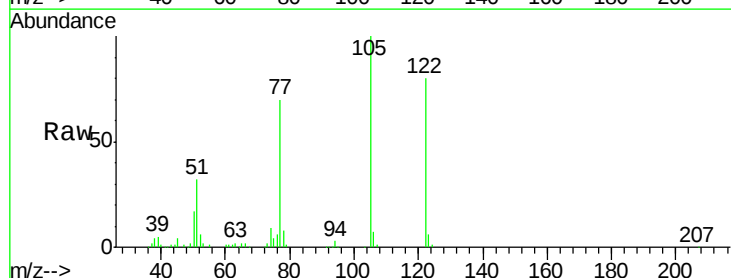
Manual Integrations
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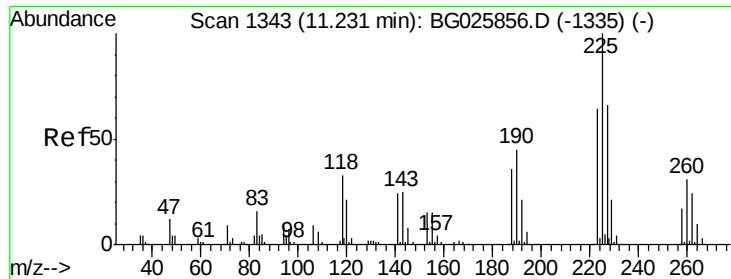
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#32
Benzoic acid
Concen: 45.13 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	227809		
105	124.5	120.1	160.1	
77	86.8	104.6	144.6	





#34

Hexachlorobutadiene

Concen: 39.96 ng

RT: 11.22 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

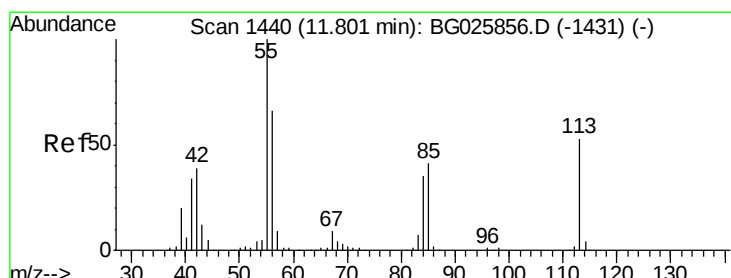
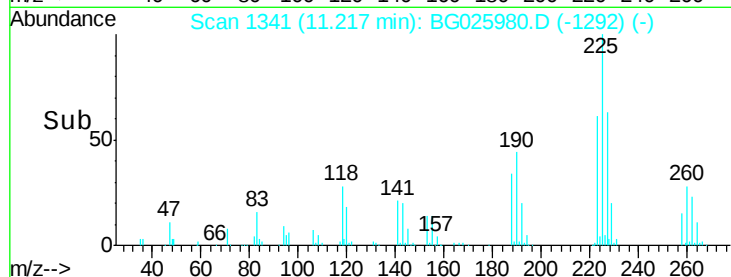
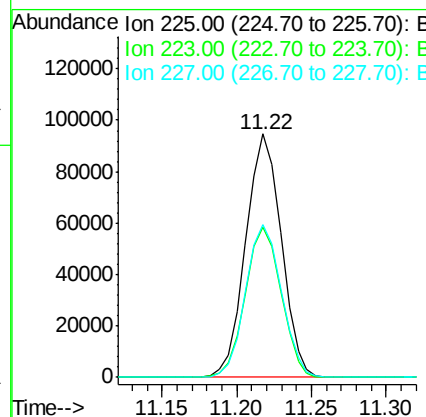
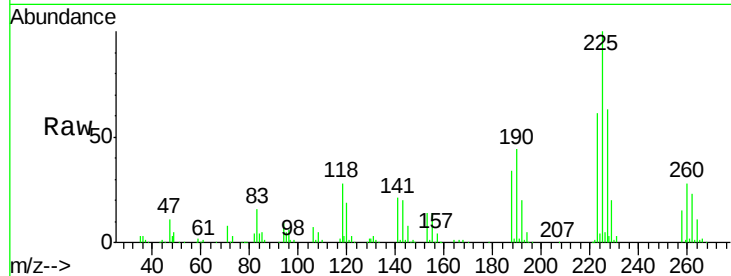
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:	225	Resp:	156025
Ion Ratio		Lower	Upper
225	100		
223	61.4	50.7	76.1
227	62.6	49.0	73.6

Manual Integrations
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#35

Caprolactam

Concen: 45.18 ng m

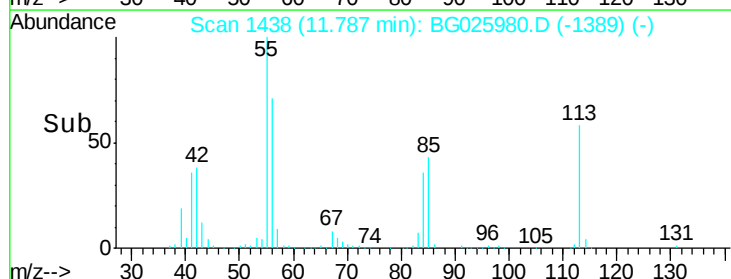
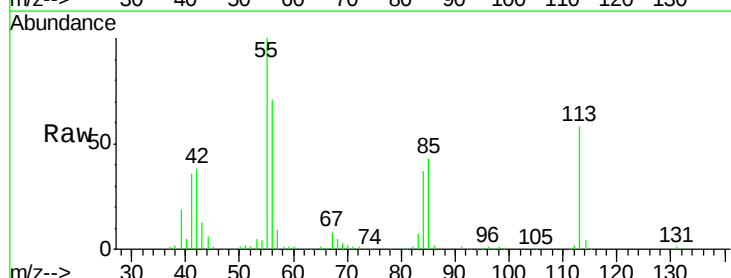
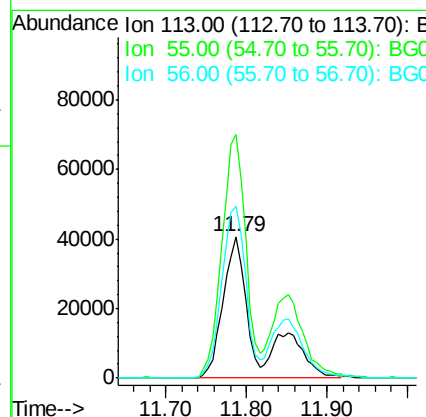
RT: 11.79 min Scan# 1438

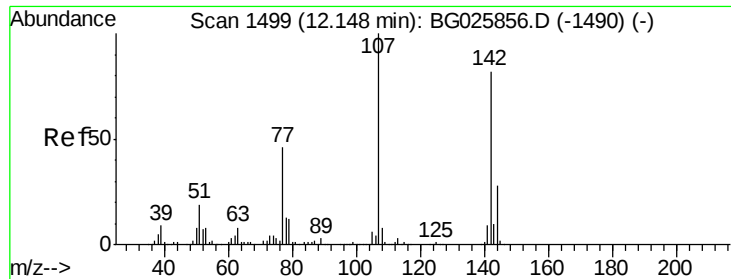
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion:	113	Resp:	115123
Ion Ratio		Lower	Upper
113	100		
55	172.3	198.6	238.6#
56	121.5	140.4	180.4#





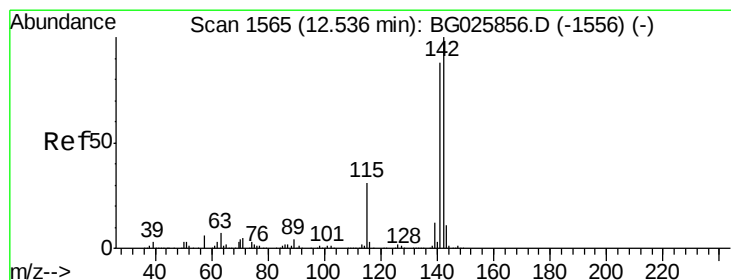
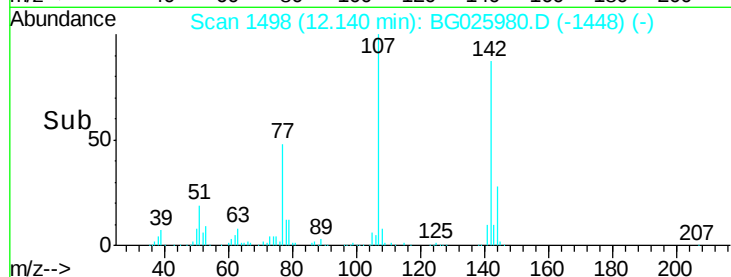
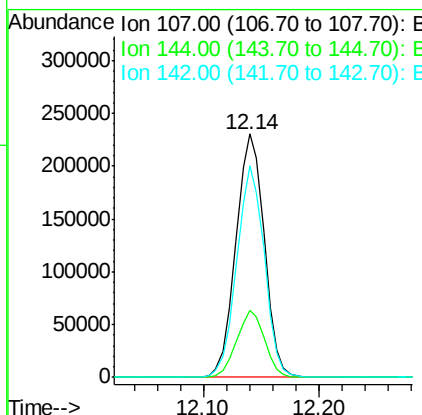
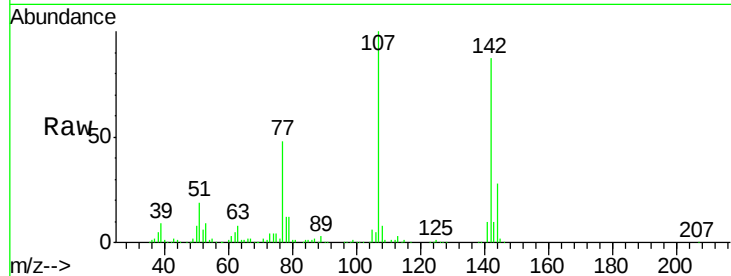
#36
 4-Chloro-3-methylphenol
 Concen: 51.94 ng
 RT: 12.14 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG025980.D
 Acq: 28 Feb 2017 1:45

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	392065		
144	27.7	17.4	26.0#	
142	86.8	54.1	81.1#	

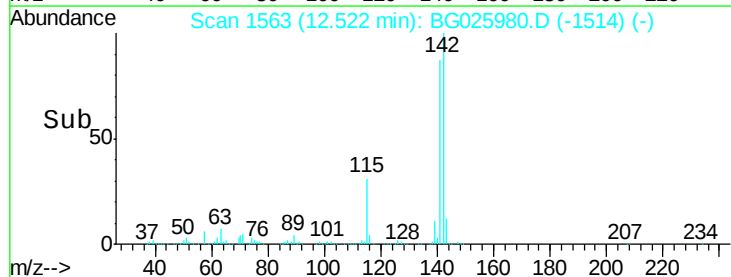
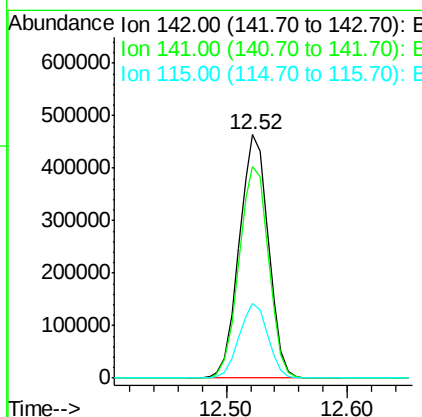
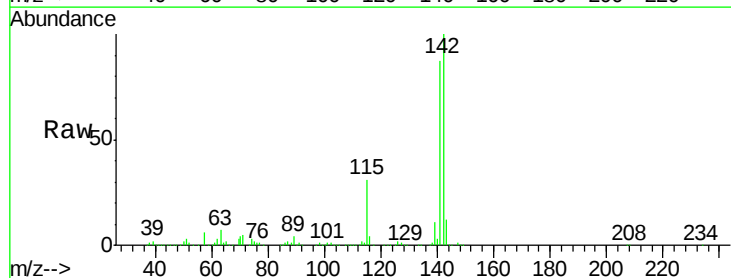
Manual Integrations
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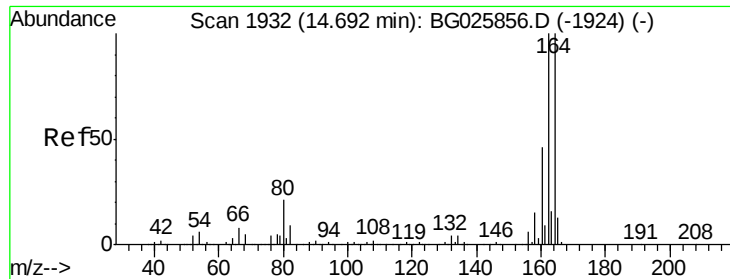
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#37
 2-Methylnaphthalene
 Concen: 44.75 ng
 RT: 12.52 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BG025980.D
 Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	779006		
141	86.8	70.4	105.6	
115	30.9	35.5	53.3#	





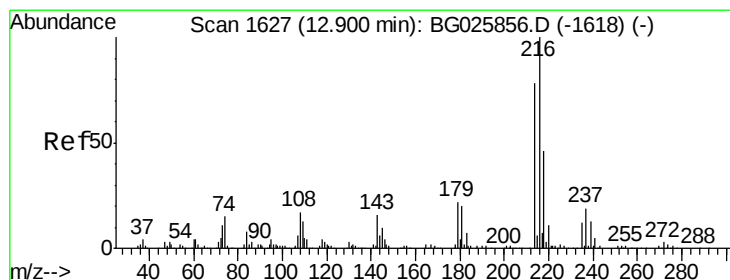
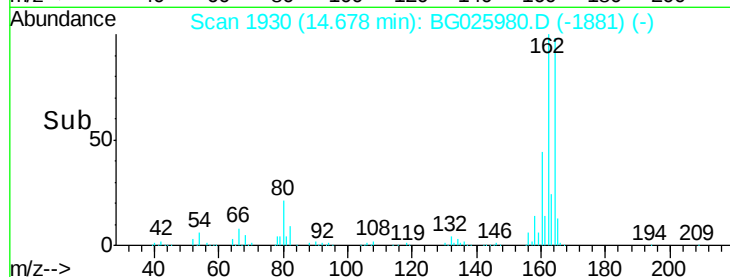
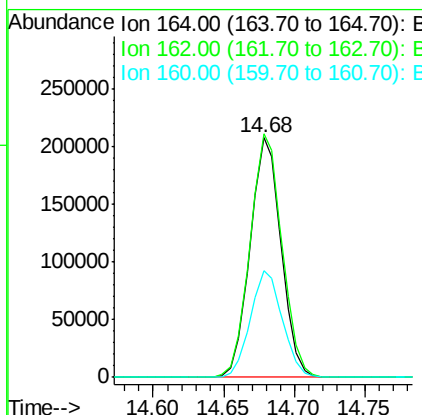
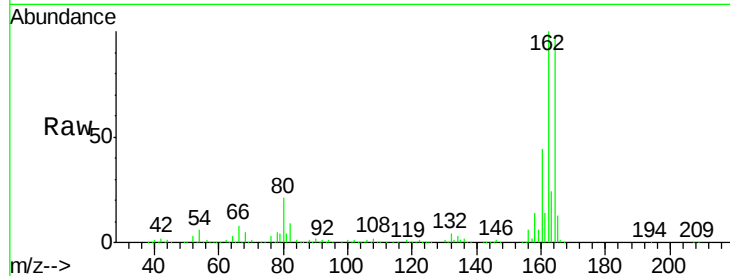
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	85.1	127.7
160	44.4	34.7	52.1

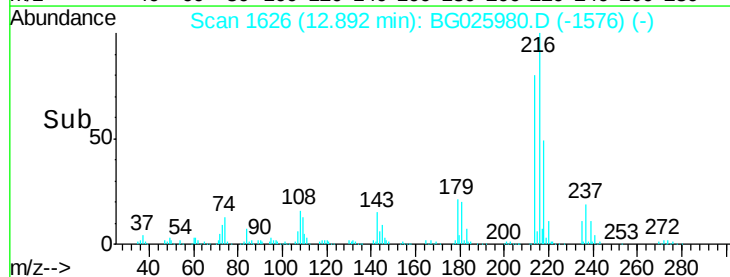
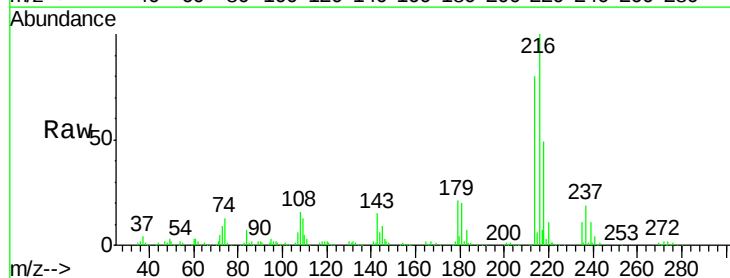
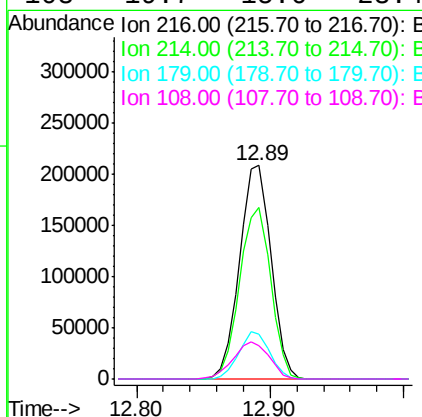
Manual Integrations
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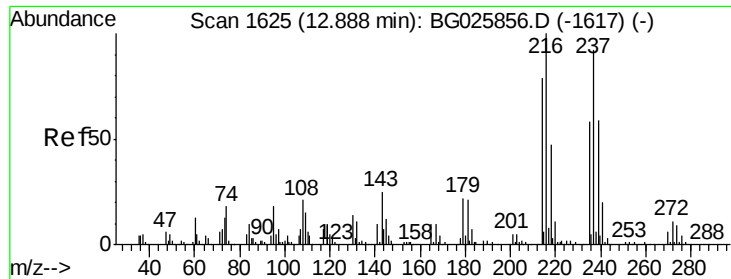
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.50 ng
RT: 12.89 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.4	96.6
179	21.4	17.4	26.0
108	19.7	15.6	23.4





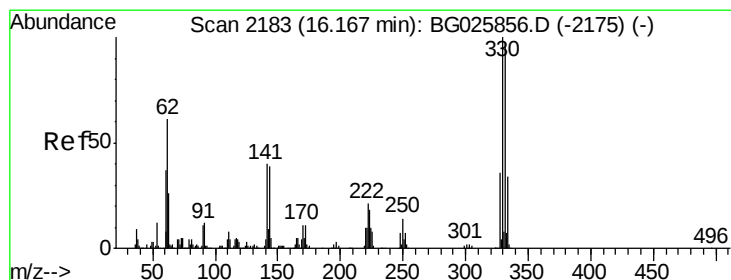
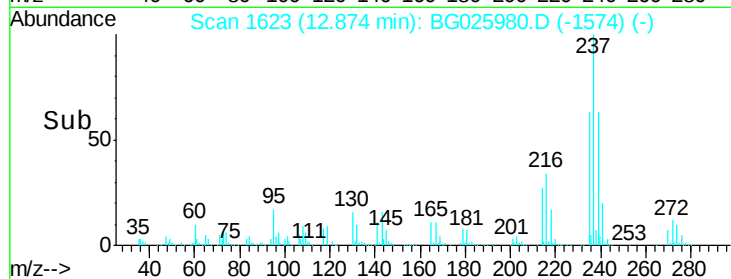
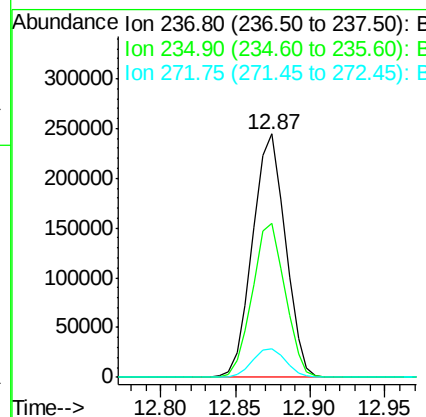
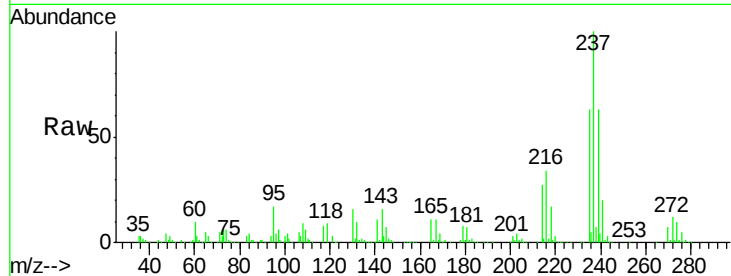
#40
Hexachlorocyclopentadiene
Concen: 84.97 ng
RT: 12.87 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	372423		
235	63.4	39.4	79.4	
272	11.7	0.0	32.0	

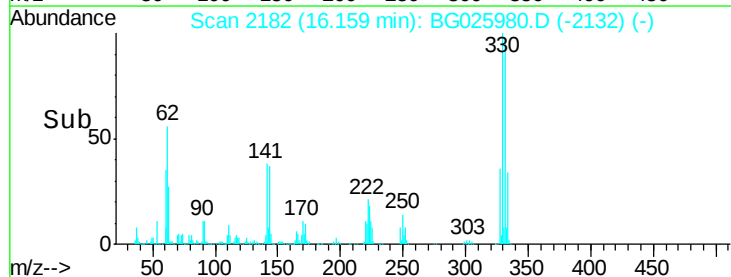
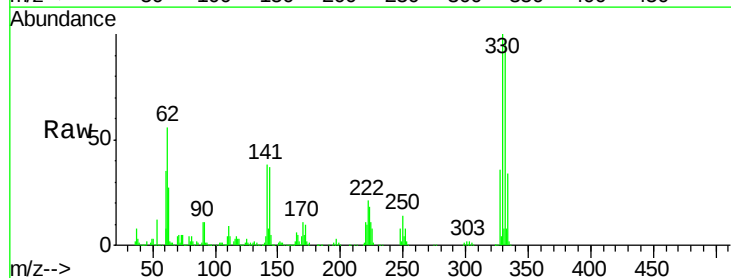
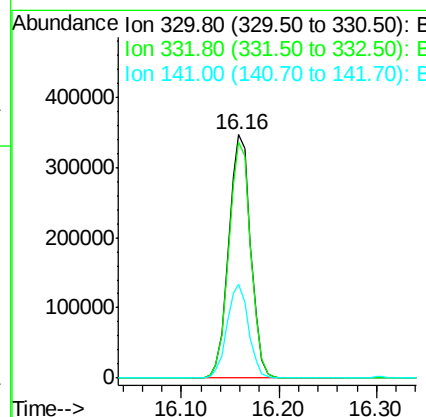
Manual Integrations
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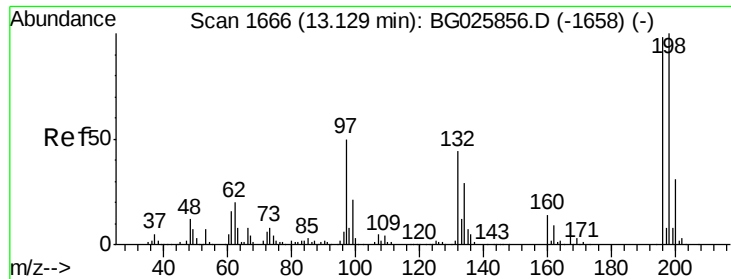
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#41
2,4,6-Tribromophenol
Concen: 182.04 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	537504		
332	96.9	77.3	115.9	
141	37.7	32.1	48.1	





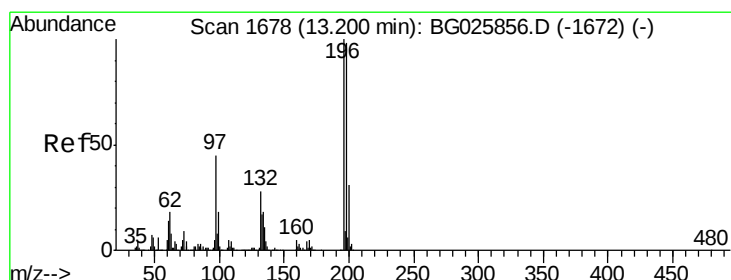
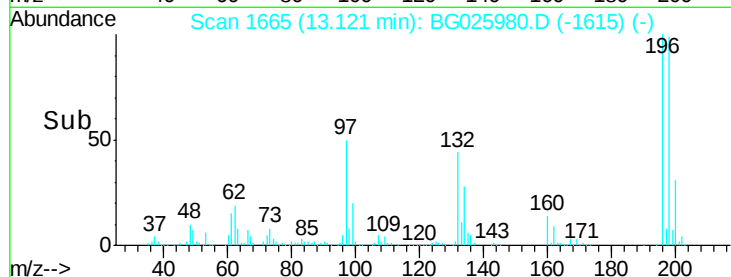
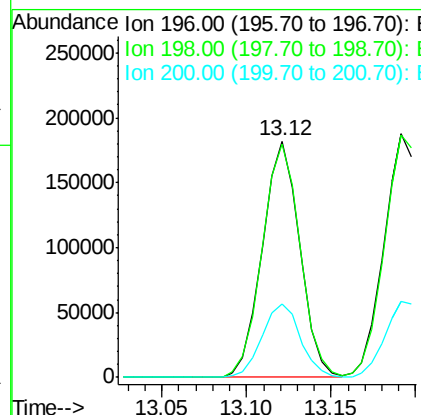
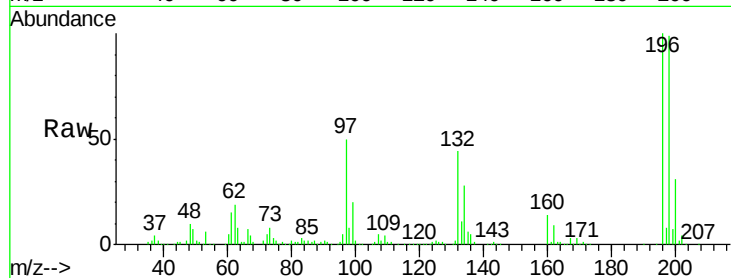
#42
 2,4,6-Trichlorophenol
 Concen: 54.28 ng
 RT: 13.12 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG025980.D
 Acq: 28 Feb 2017 1:45

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	280793		
198	99.0	81.4	122.2	
200	31.0	27.0	40.6	

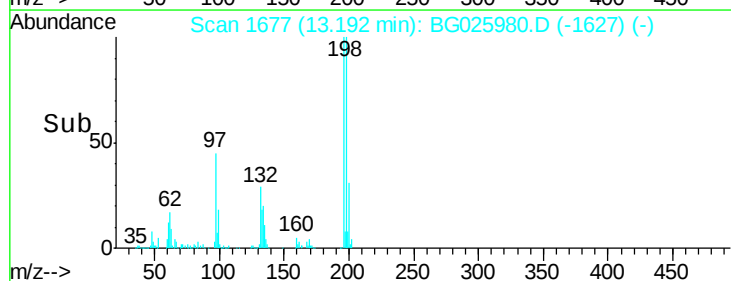
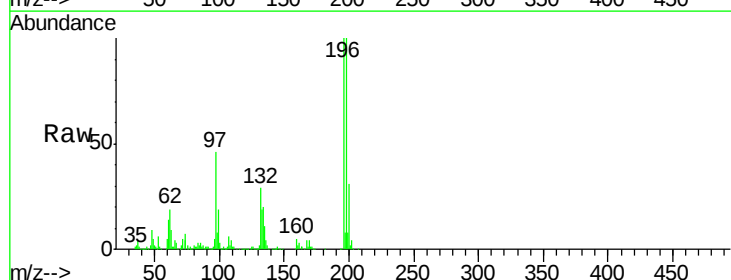
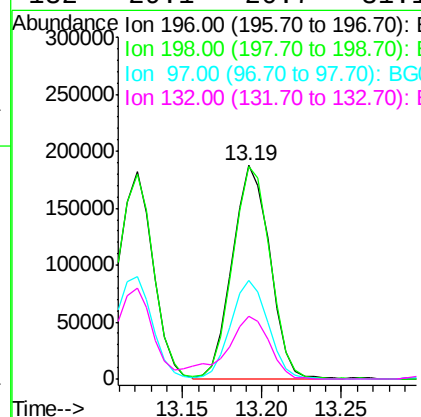
Manual Integrations
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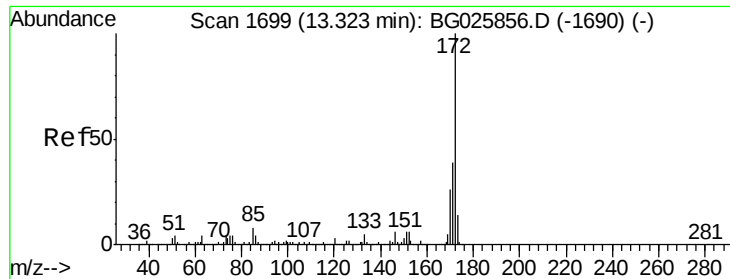
mohammad
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#43
 2,4,5-Trichlorophenol
 Concen: 52.42 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG025980.D
 Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307835		
198	99.6	79.9	119.9	
97	45.9	45.4	68.0	
132	29.1	20.7	31.1	





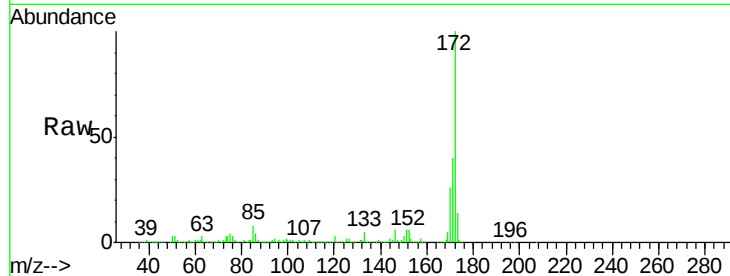
#44
2-Fluorobiphenyl
Concen: 93.68 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

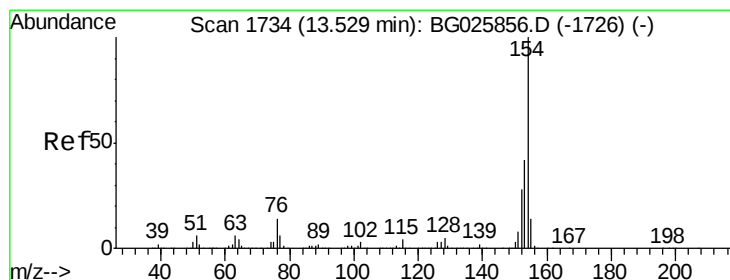
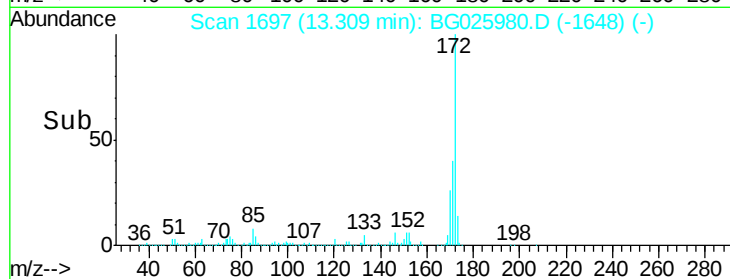
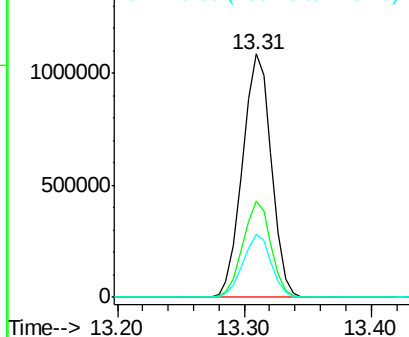
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.2	48.2
170	25.8	21.8	32.6

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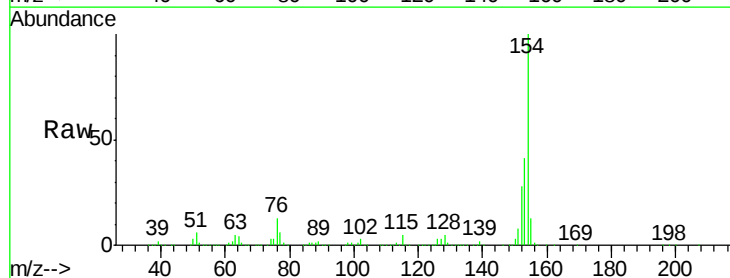


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

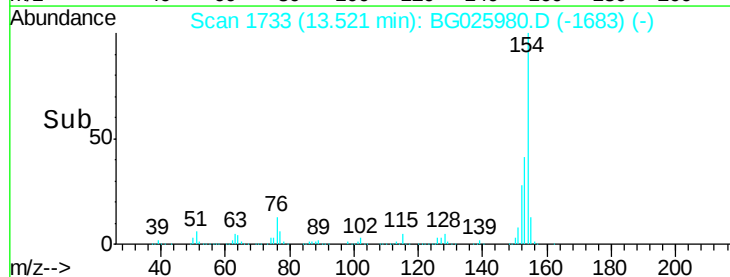
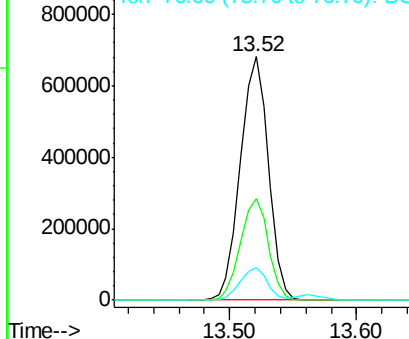


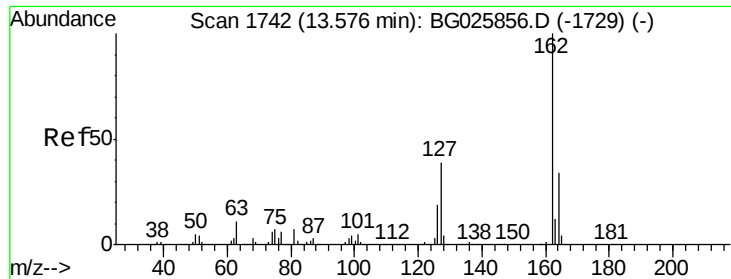
#45
1,1'-Biphenyl
Concen: 45.03 ng
RT: 13.52 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	23.0	63.0
76	13.1	0.0	33.5



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





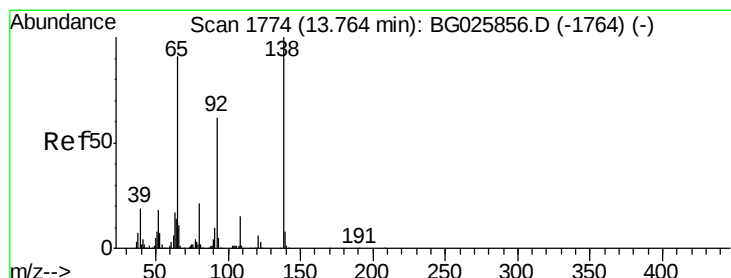
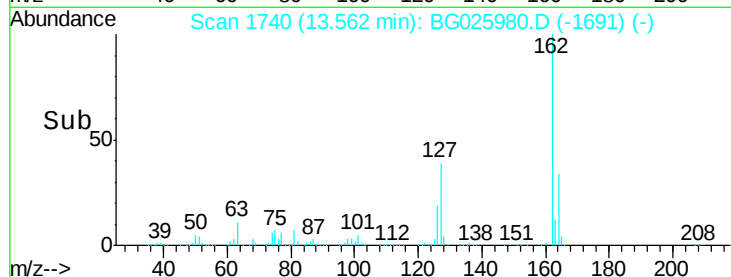
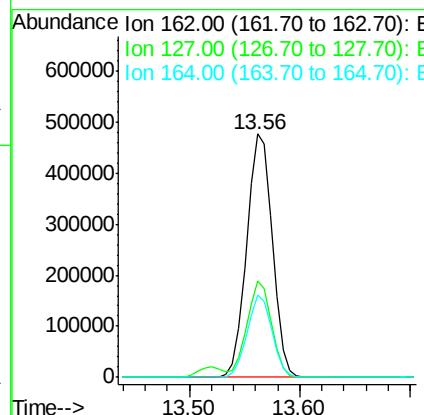
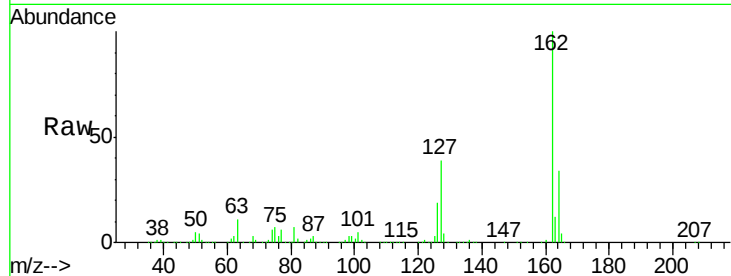
#46
2-Chloronaphthalene
Concen: 46.45 ng
RT: 13.56 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.2	48.4
164	33.8	27.3	40.9

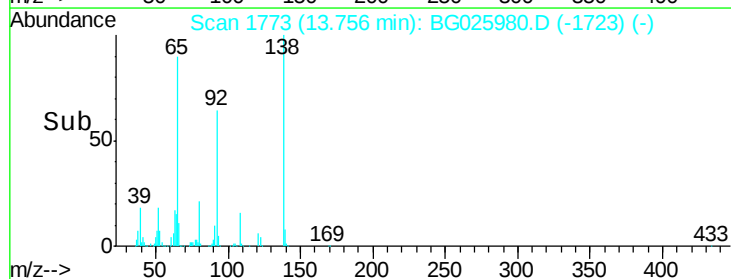
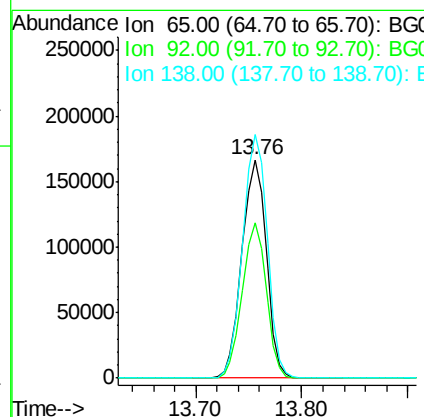
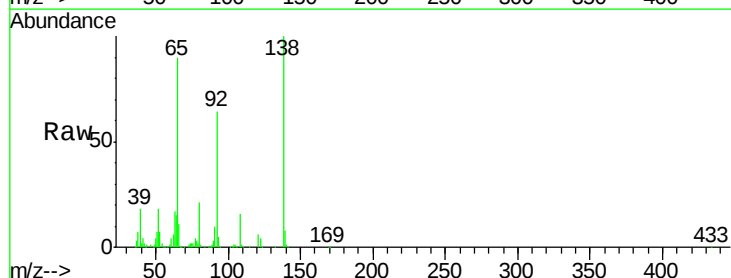
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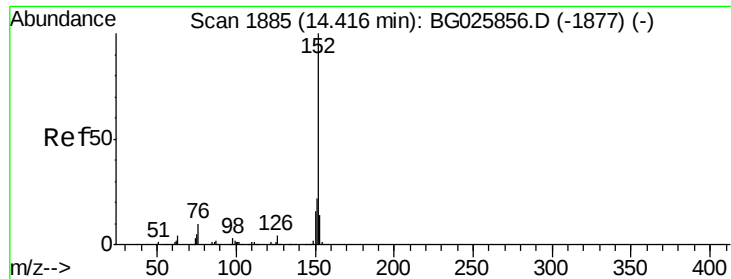
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#47
2-Nitroaniline
Concen: 50.25 ng
RT: 13.76 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	49.0	73.4
138	111.5	58.6	87.8





#48

Acenaphthylene

Concen: 46.07 ng

RT: 14.40 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

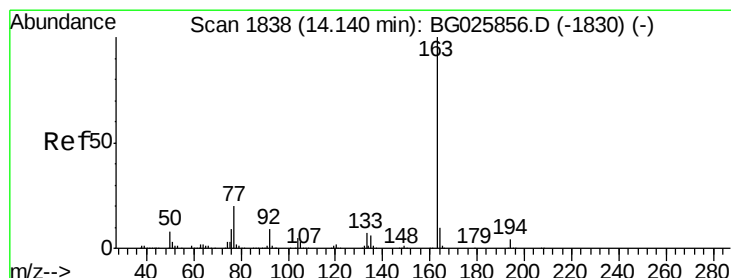
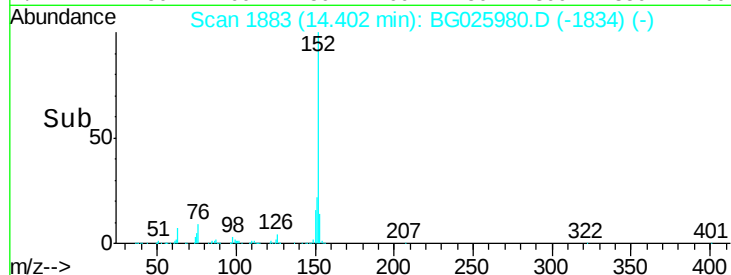
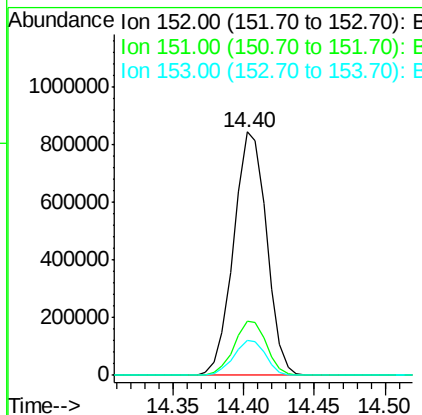
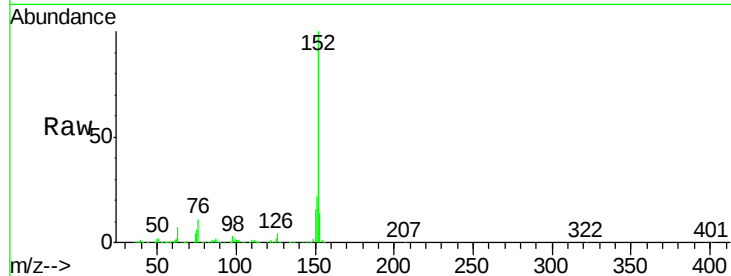
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:	152	Resp:	1373408
Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.2	27.2
153	14.2	11.3	16.9

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#49

Dimethylphthalate

Concen: 50.99 ng

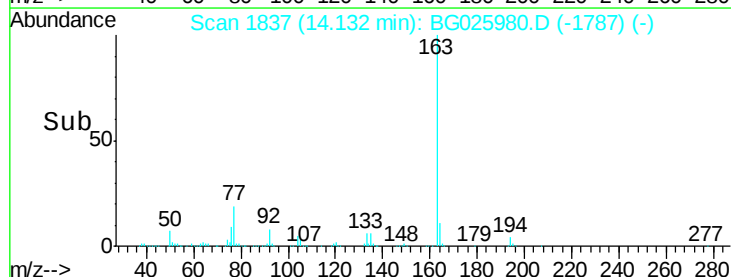
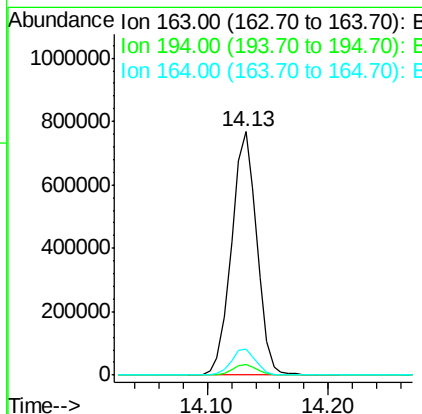
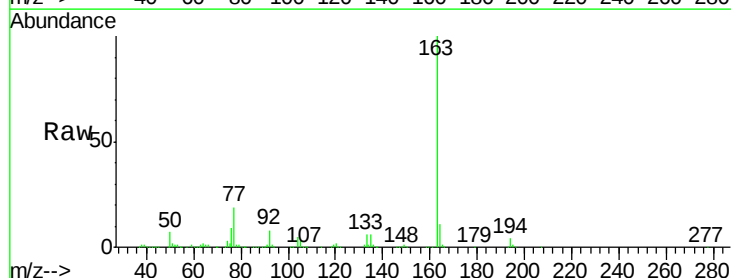
RT: 14.13 min Scan# 1837

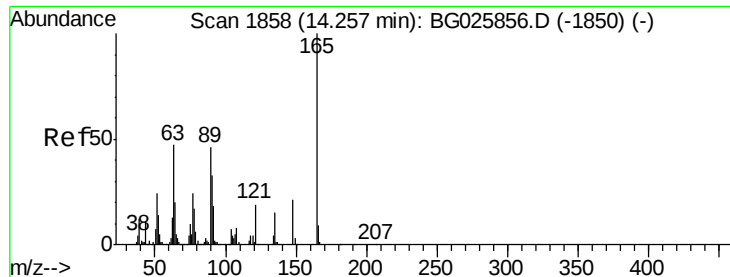
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion:	163	Resp:	1117920
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.6	9.3	13.9





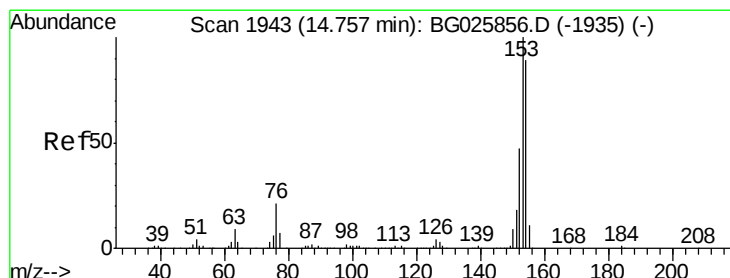
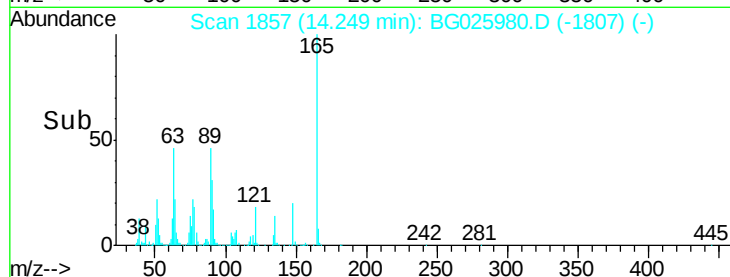
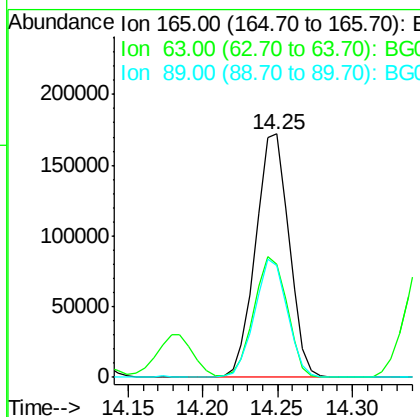
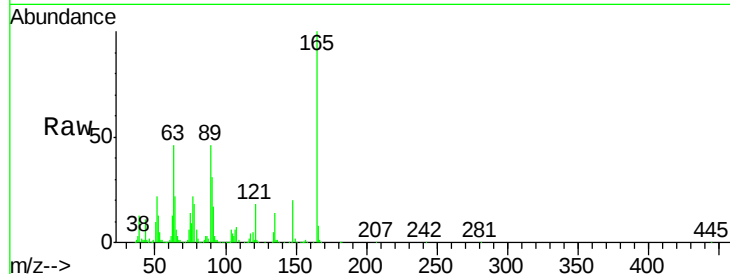
#50
2,6-Dinitrotoluene
Concen: 53.91 ng
RT: 14.25 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	46.4	63.9	95.9#
89	45.9	58.6	88.0#

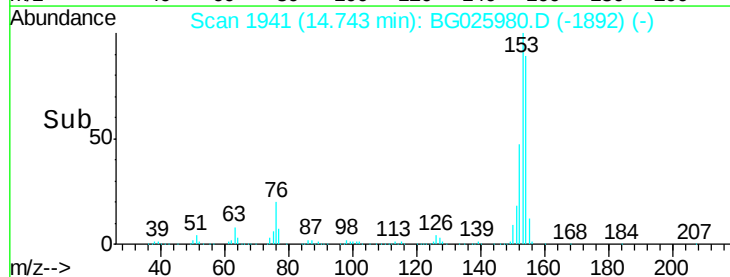
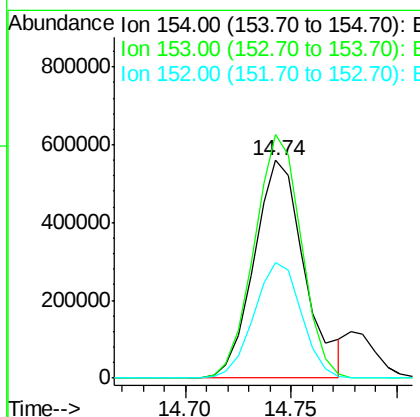
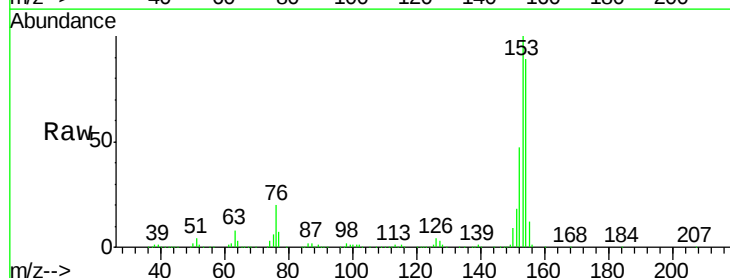
Manual Integrations
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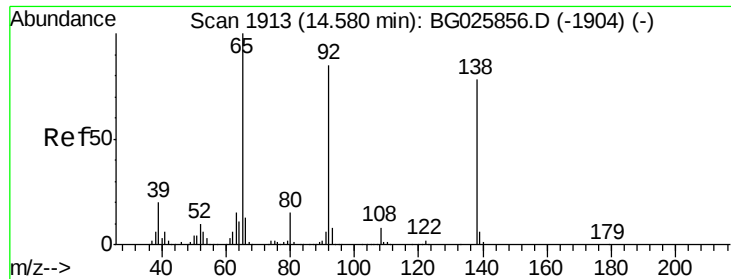
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#51
Acenaphthene
Concen: 47.04 ng
RT: 14.74 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.8	87.8	131.6
152	52.9	42.2	63.4





#52

3-Nitroaniline

Concen: 4.50 ng

RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:138 Resp: 24790

Ion Ratio Lower Upper

138 100

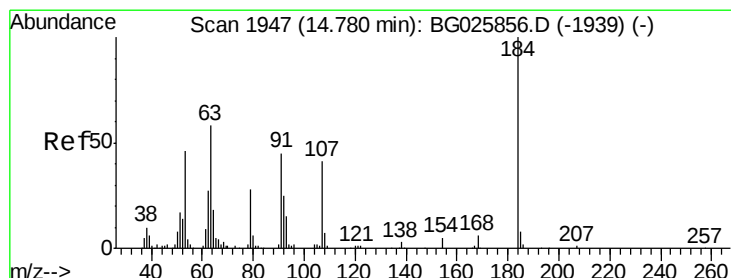
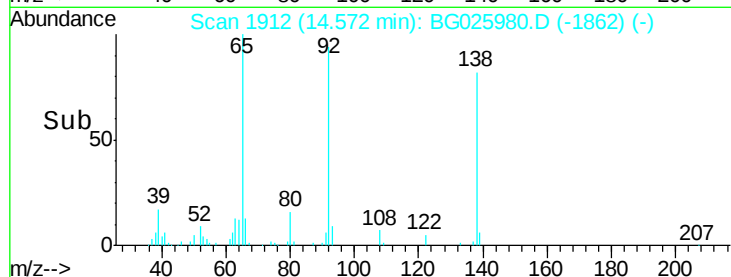
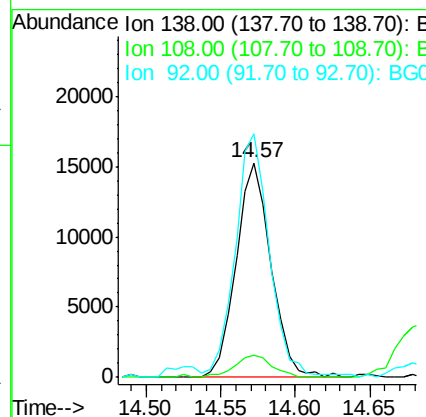
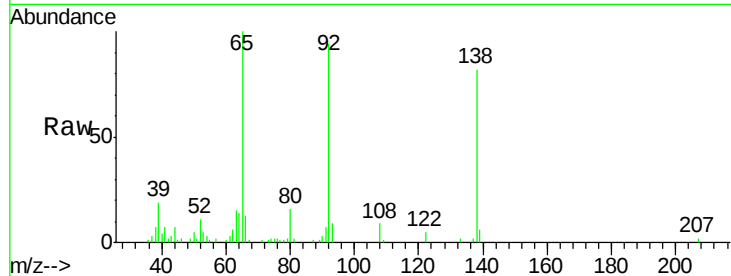
108 10.5 10.9 16.3#

92 113.4 115.3 172.9#

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#53

2,4-Dinitrophenol

Concen: 122.39 ng

RT: 14.78 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

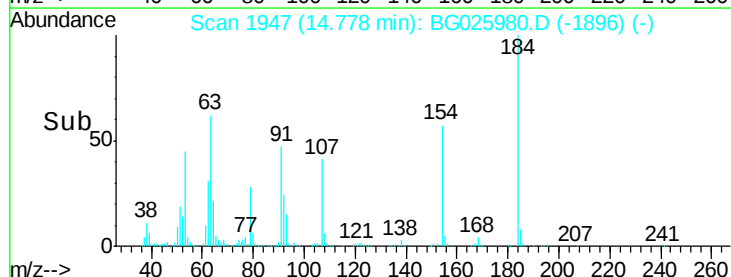
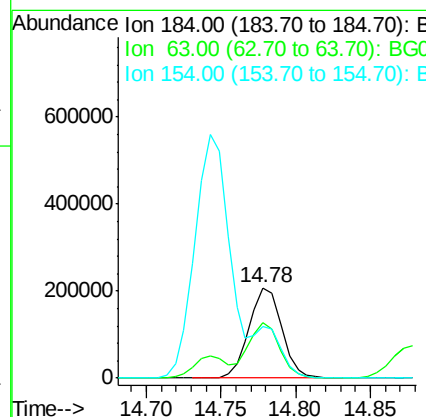
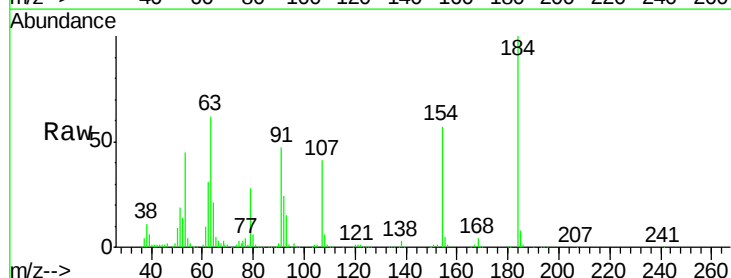
Tgt Ion:184 Resp: 315422

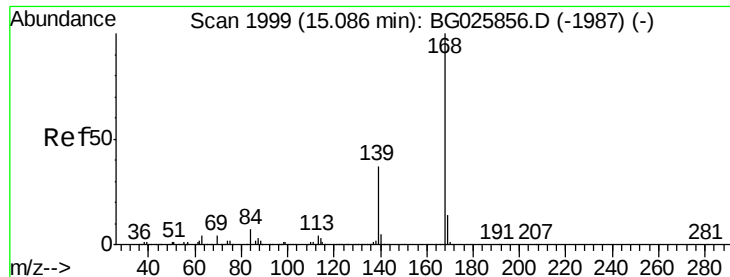
Ion Ratio Lower Upper

184 100

63 62.1 52.7 79.1

154 57.4 57.3 85.9





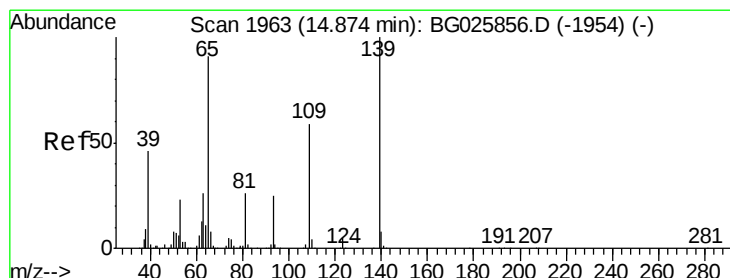
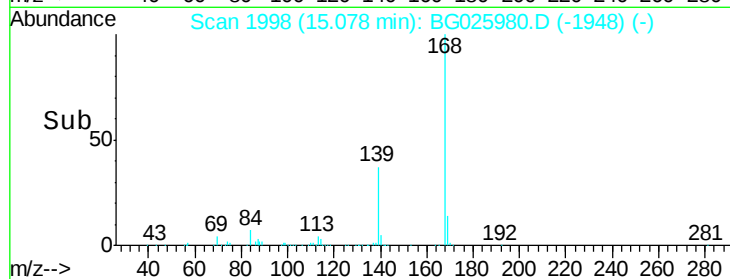
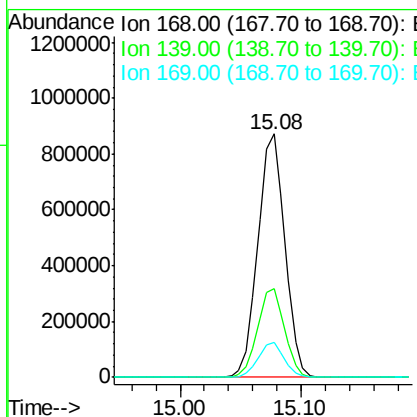
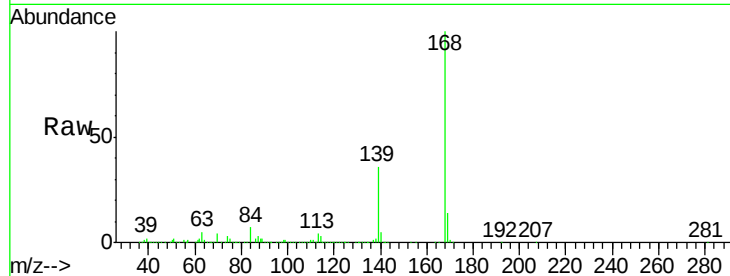
#54
Dibenzenofuran
Concen: 51.56 ng
RT: 15.08 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion:168 Resp: 1353440
Ion Ratio Lower Upper
168 100
139 36.4 35.3 52.9
169 14.3 11.5 17.3

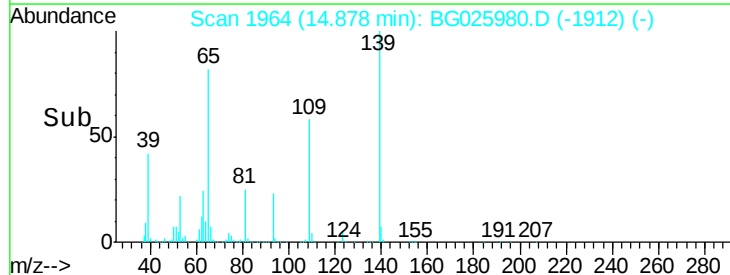
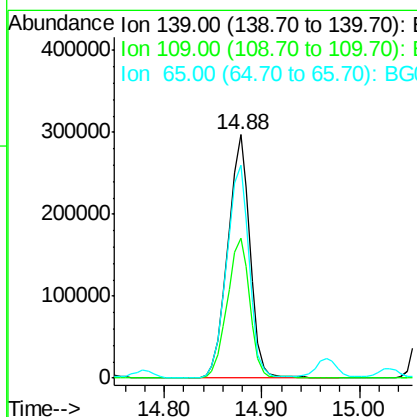
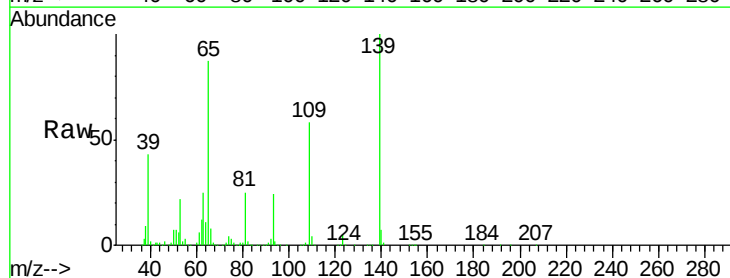
Manual Integrations
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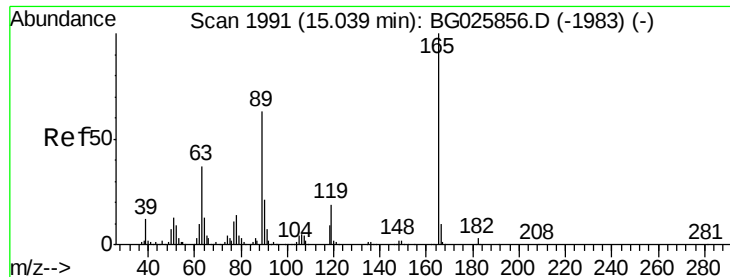
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#55
4-Nitrophenol
Concen: 104.25 ng
RT: 14.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion:139 Resp: 467412
Ion Ratio Lower Upper
139 100
109 57.6 101.2 141.2#
65 87.5 135.3 175.3#





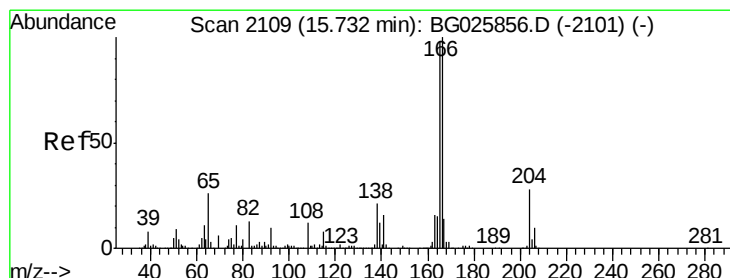
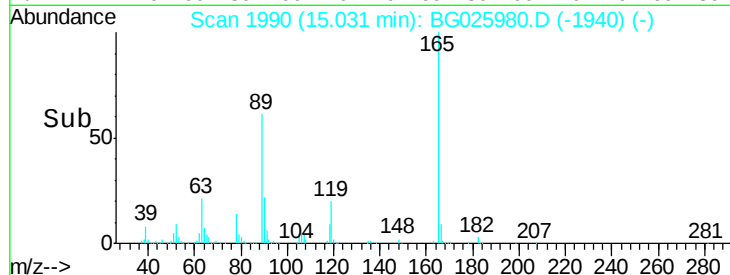
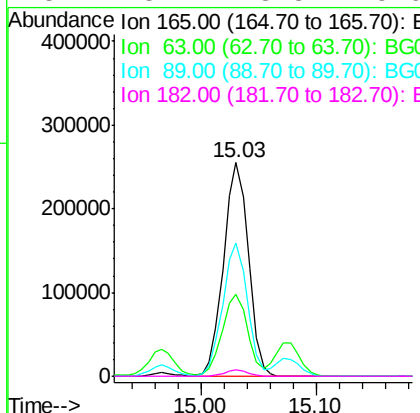
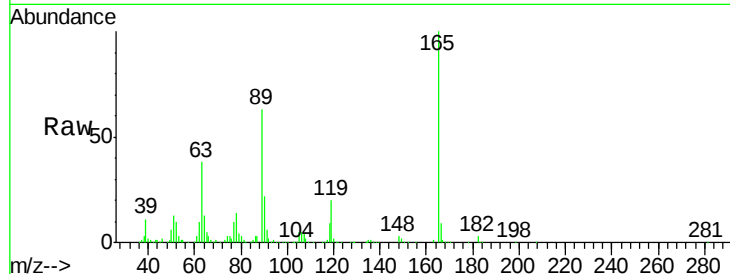
#56
2,4-Dinitrotoluene
Concen: 57.47 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	380783		
63	38.1	44.0	66.0#	
89	62.6	67.3	100.9#	
182	3.1	3.8	5.6#	

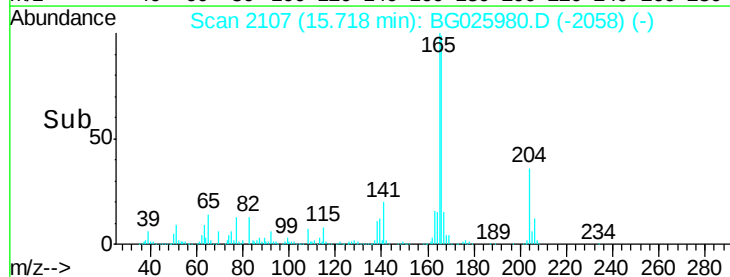
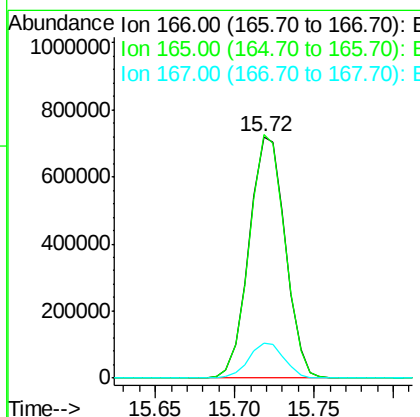
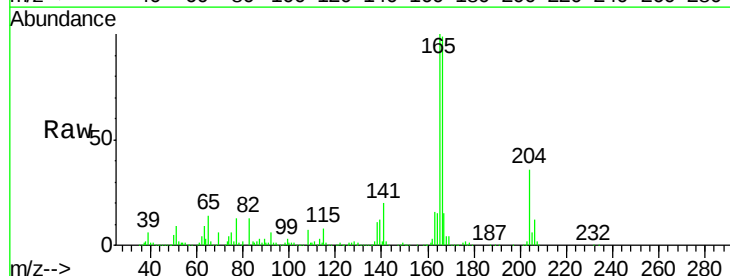
Manual Integrations
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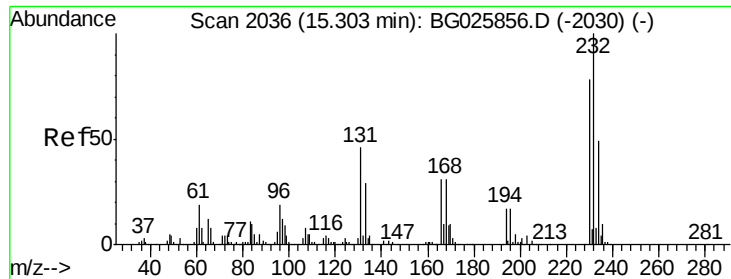
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#57
Fluorene
Concen: 48.53 ng
RT: 15.72 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1138277		
165	100.7	78.6	117.8	
167	14.7	11.6	17.4	





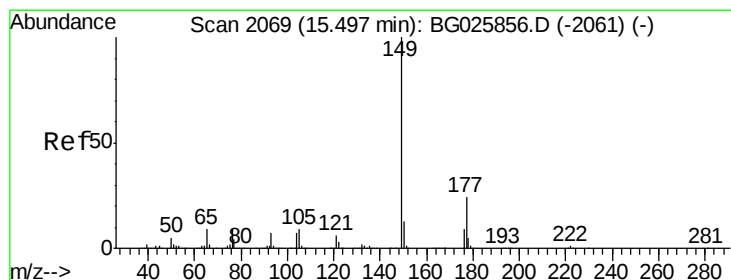
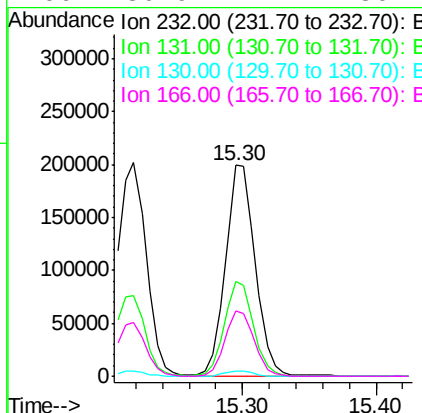
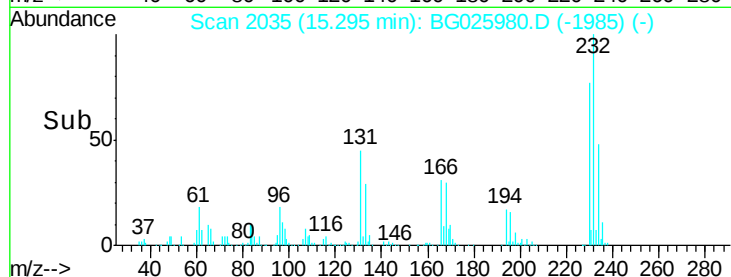
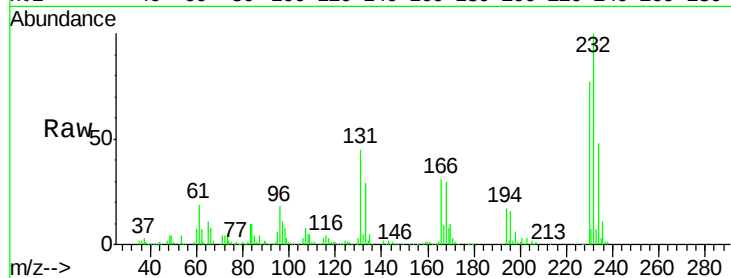
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.93 ng
 RT: 15.30 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG025980.D
 Acq: 28 Feb 2017 1:45

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMS

Tot Ion:	232	Resp:	310475
Ion Ratio	Lower	Upper	
232	100		
131	43.7	34.9	52.3
130	2.5	2.3	3.5
166	30.9	24.2	36.4

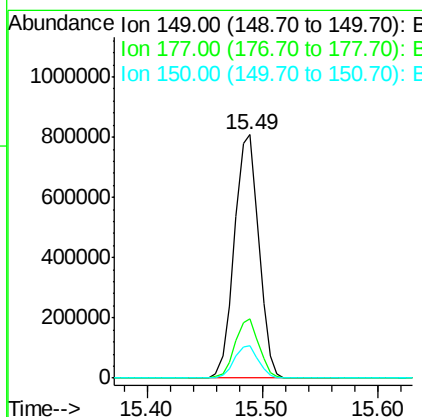
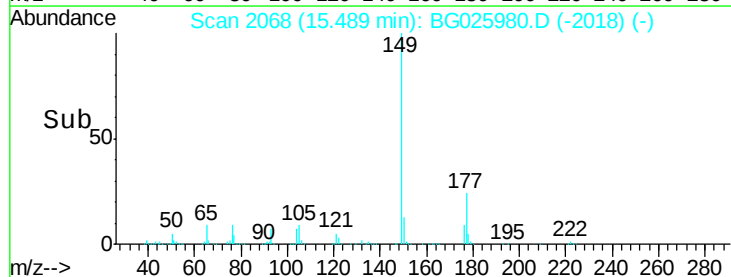
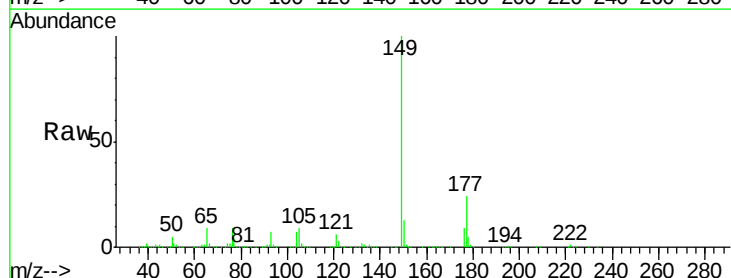
Manual Integrations
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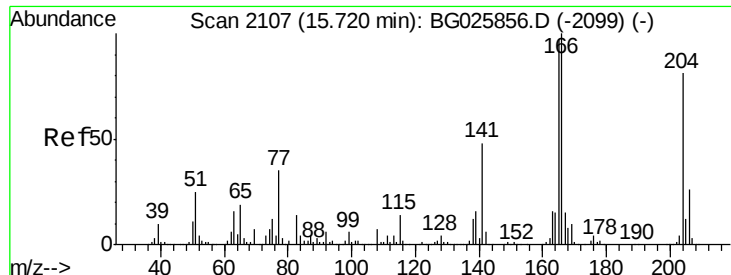
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#59
 Diethylphthalate
 Concen: 52.23 ng
 RT: 15.49 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BG025980.D
 Acq: 28 Feb 2017 1:45

Tgt Ion:	149	Resp:	1184473
Ion Ratio	Lower	Upper	
149	100		
177	24.5	20.1	30.1
150	13.3	10.2	15.2





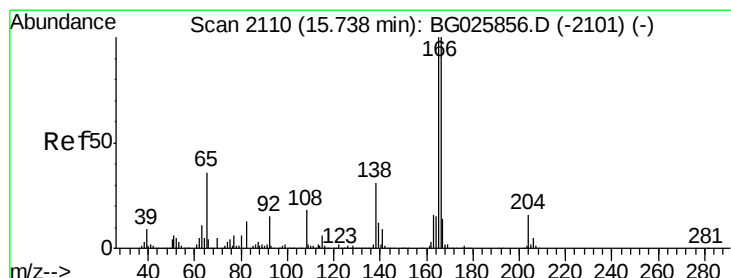
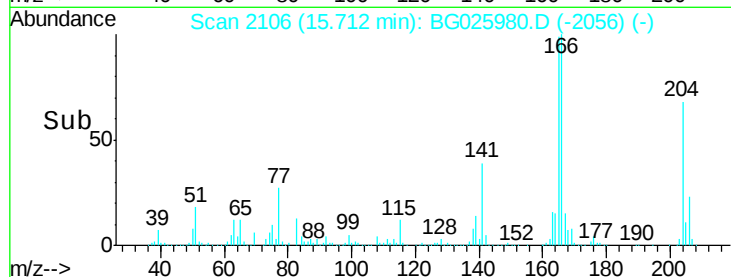
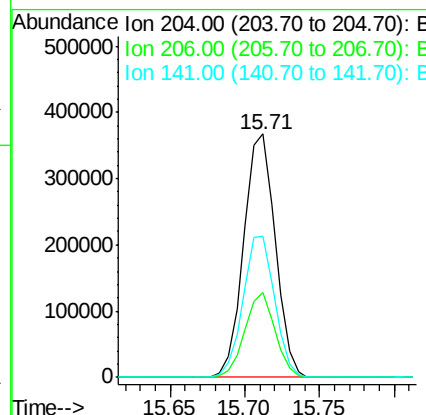
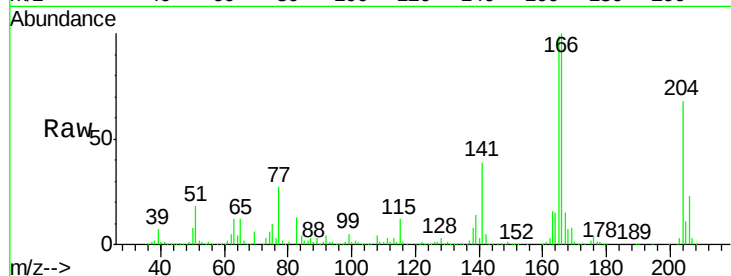
#60
4-Chlorophenyl-phenylether
Concen: 49.39 ng
RT: 15.71 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	30.1	45.1
141	58.2	50.6	76.0

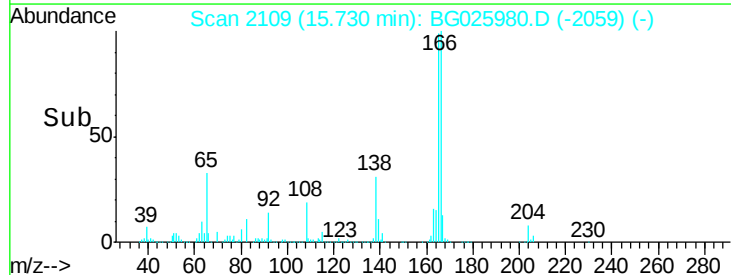
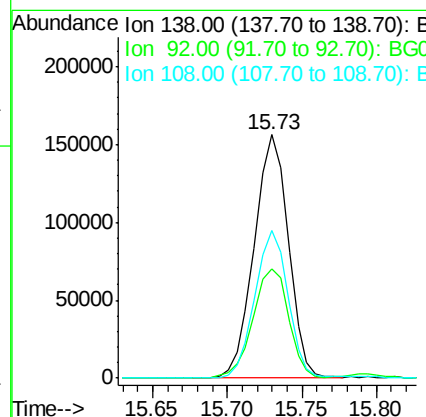
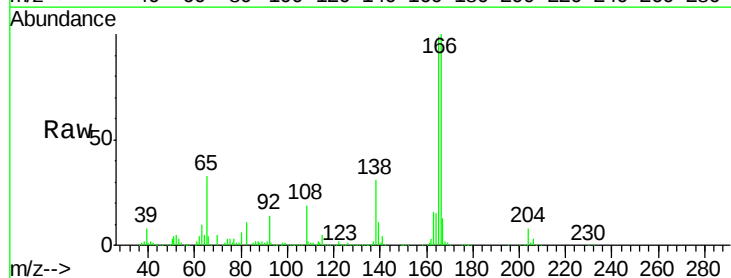
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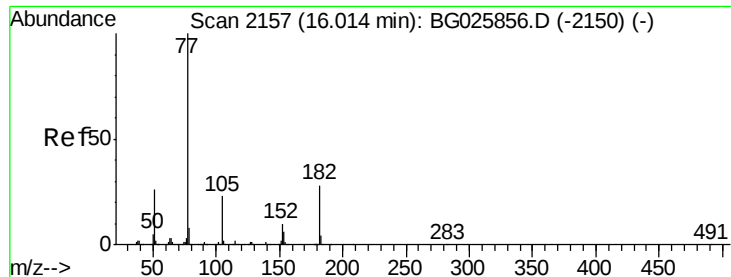
mohammad
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#61
4-Nitroaniline
Concen: 43.40 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.7	44.2	84.2
108	60.5	104.8	144.8





#62

Azobenzene

Concen: 53.79 ng

RT: 16.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion: 77 Resp: 1048546

Ion Ratio Lower Upper

77 100

182 29.0 4.7 44.7

105 23.0 0.0 36.3

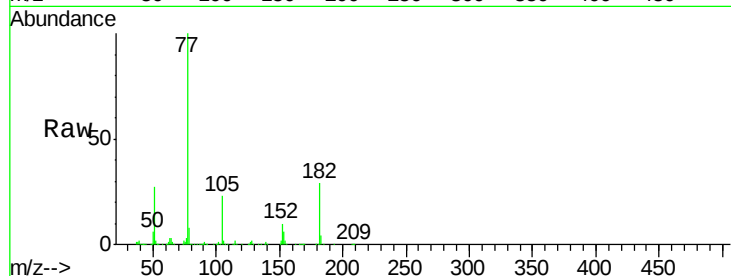
51 26.8 16.4 56.4

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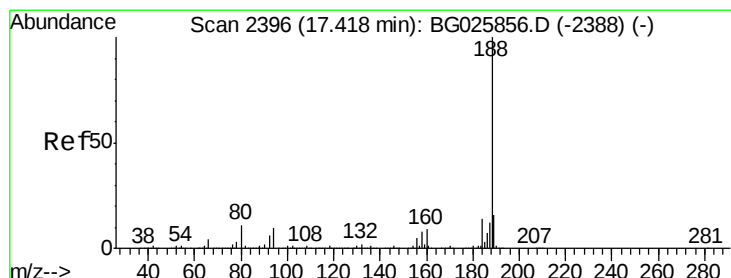
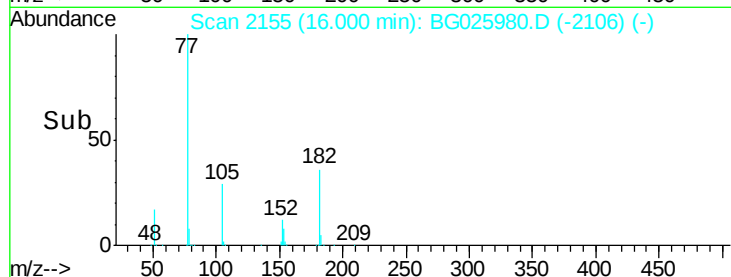
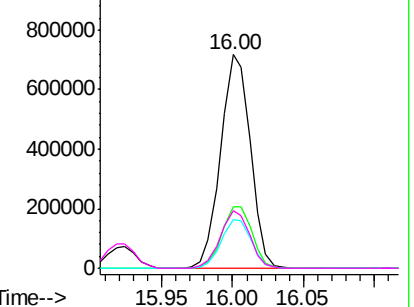


Abundance Ion 77.00 (76.70 to 77.70): BG025980.D (-2106) (-)

Ion 182.00 (181.70 to 182.70): BG025980.D (-2106) (-)

Ion 105.00 (104.70 to 105.70): BG025980.D (-2106) (-)

Ion 51.00 (50.70 to 51.70): BG025980.D (-2106) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

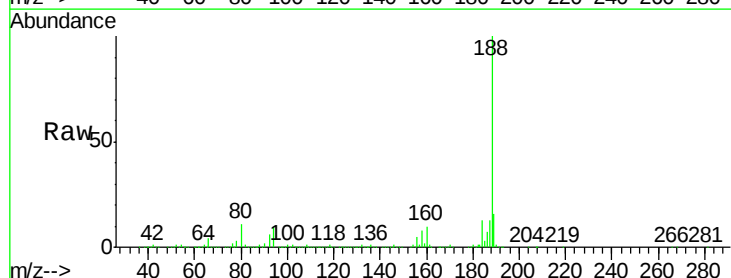
Tgt Ion: 188 Resp: 817446

Ion Ratio Lower Upper

188 100

94 10.3 5.8 8.8#

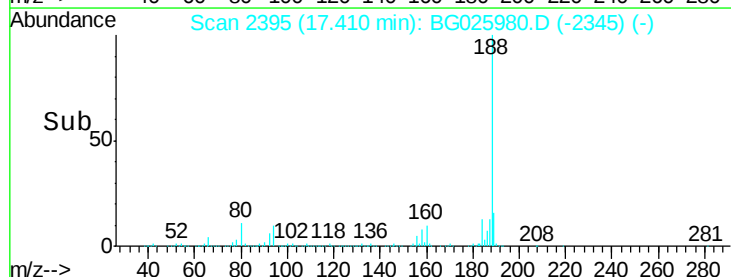
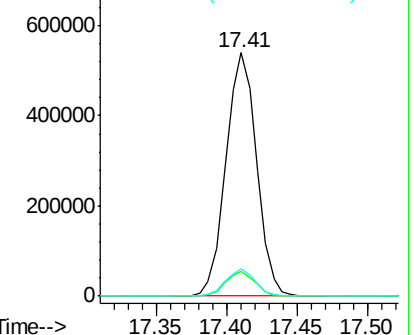
80 11.3 7.5 11.3

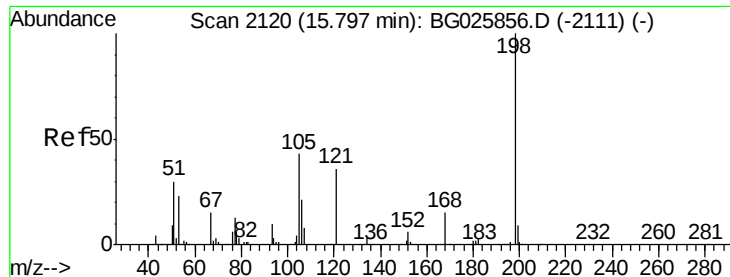


Abundance Ion 188.00 (187.70 to 188.70): BG025980.D (-2345) (-)

Ion 94.00 (93.70 to 94.70): BG025980.D (-2345) (-)

Ion 80.00 (79.70 to 80.70): BG025980.D (-2345) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 48.03 ng

RT: 15.79 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

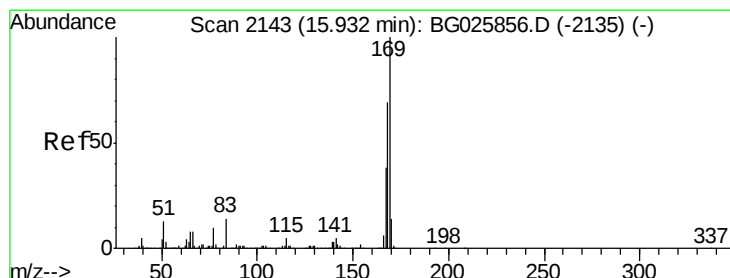
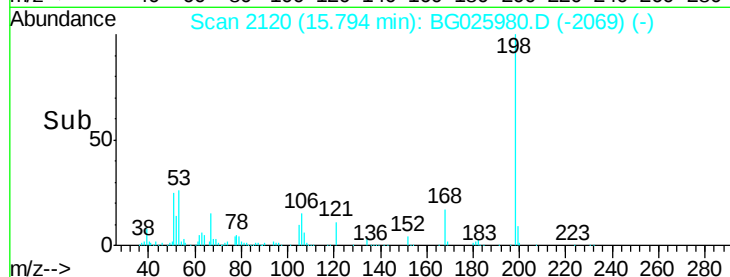
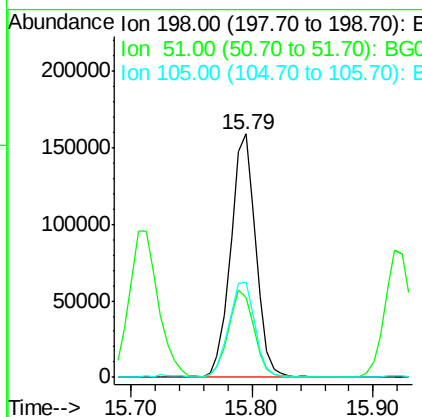
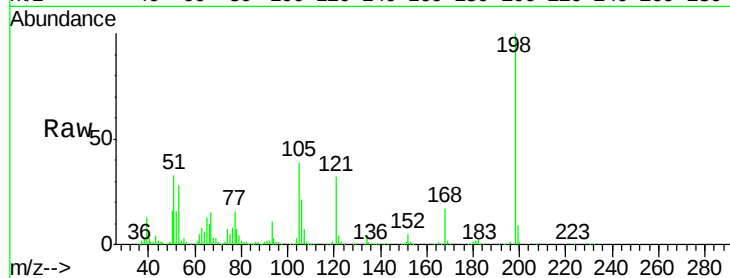
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:	198	Resp:	229739
Ion Ratio	Lower	Upper	
198	100		
51	32.6	22.6	62.6
105	39.1	14.4	54.4

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#65

n-Nitrosodiphenylamine

Concen: 41.81 ng

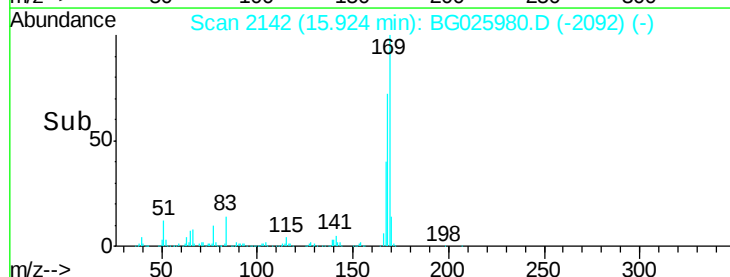
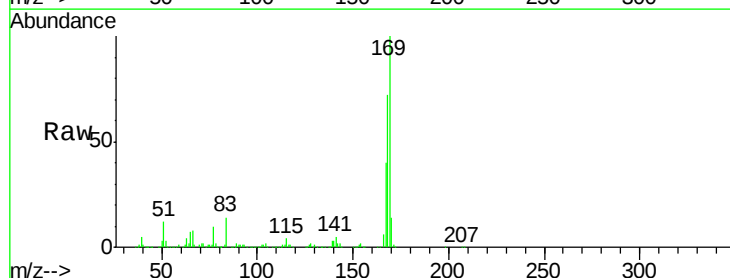
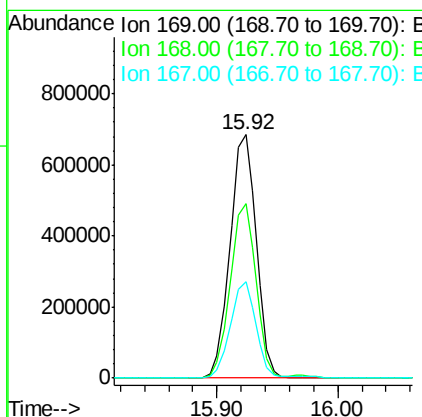
RT: 15.92 min Scan# 2142

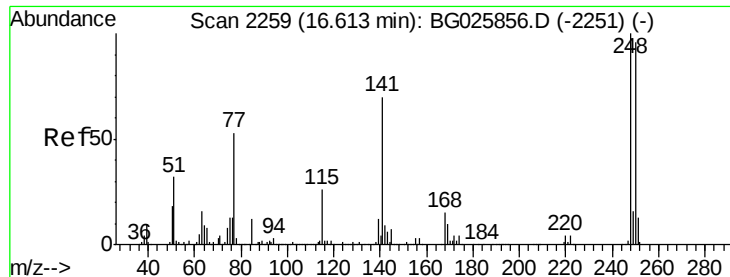
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion:	169	Resp:	1036538
Ion Ratio	Lower	Upper	
169	100		
168	71.5	55.7	83.5
167	39.6	29.8	44.6





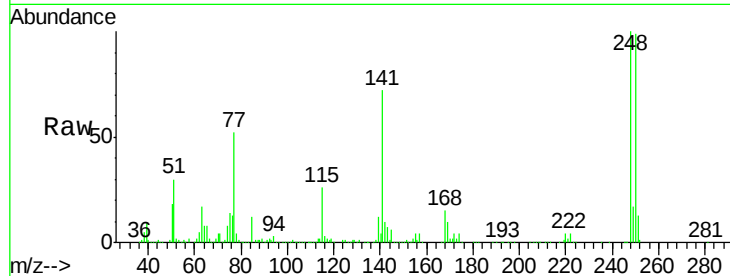
#66
4-Bromophenyl-phenylether
Concen: 42.33 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

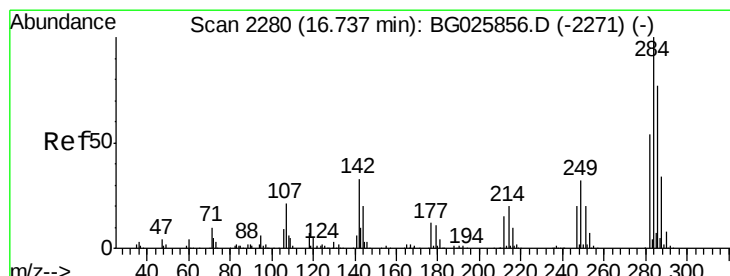
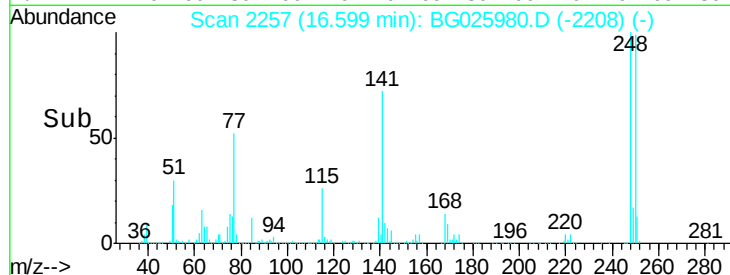
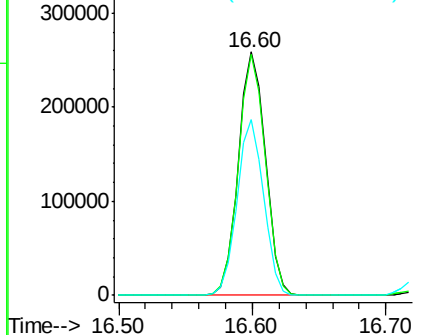
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	75.0	112.6
141	72.1	55.2	82.8

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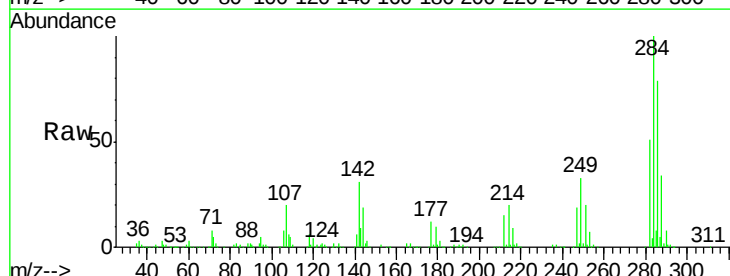


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

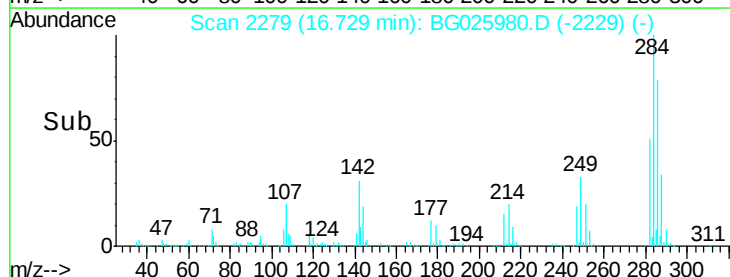
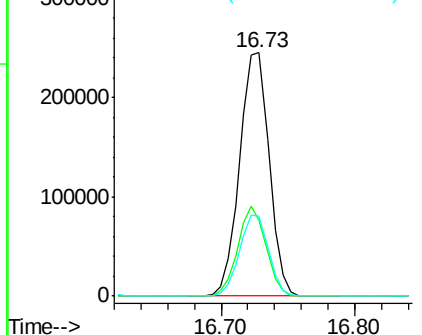


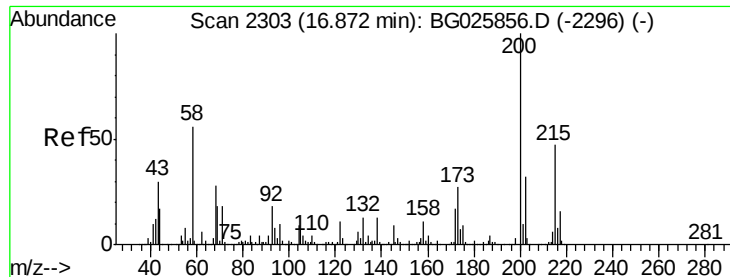
#67
Hexachlorobenzene
Concen: 42.49 ng
RT: 16.73 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	29.9	44.9
249	32.6	29.2	43.8



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





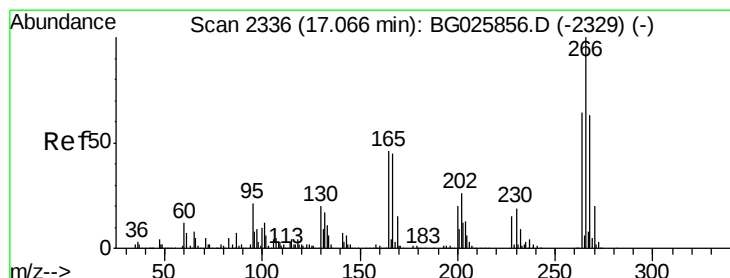
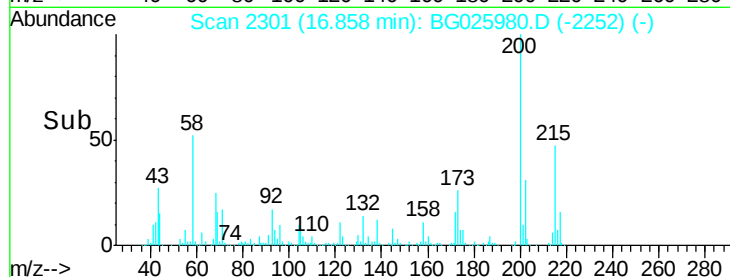
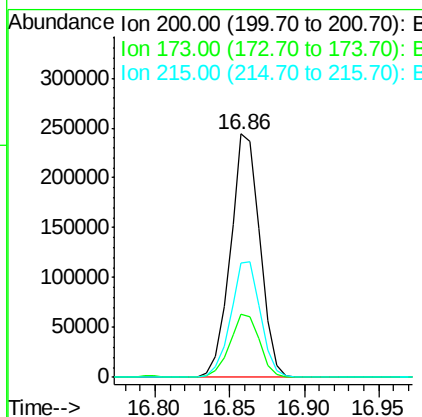
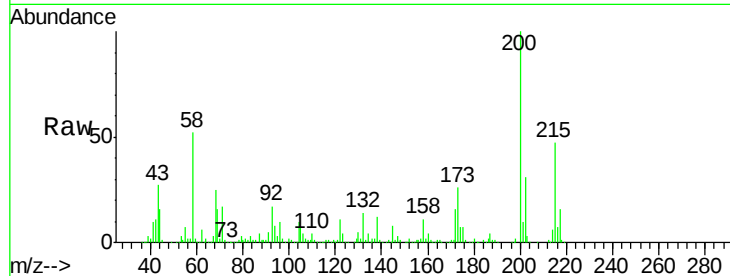
#68
Atrazine
Concen: 38.31 ng
RT: 16.86 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	3.0	43.0
215	47.0	28.4	68.4

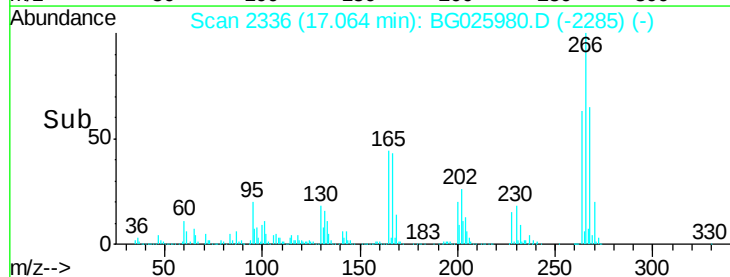
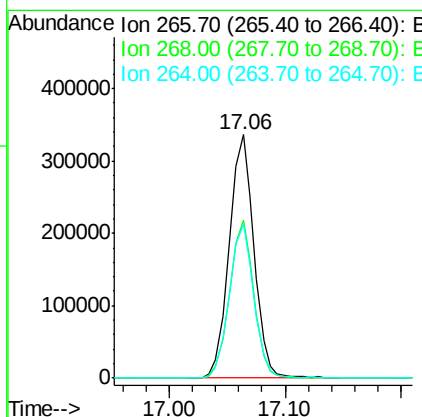
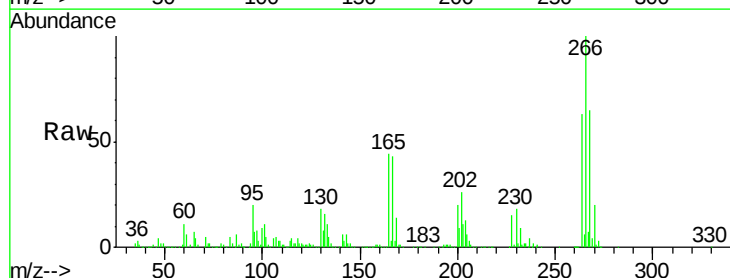
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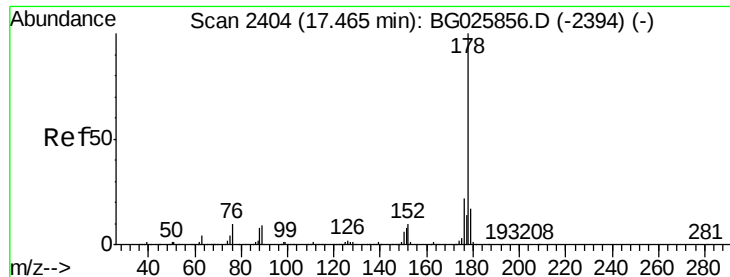
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#69
Pentachlorophenol
Concen: 91.44 ng
RT: 17.06 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.8	48.6	72.8
264	63.1	50.1	75.1





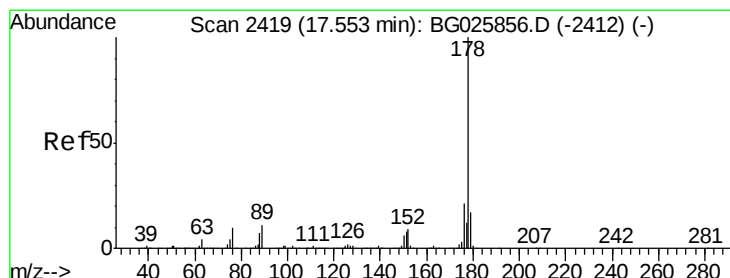
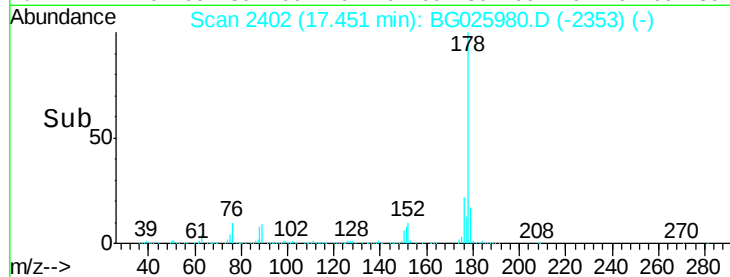
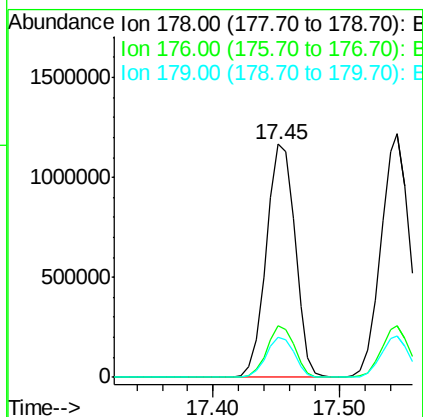
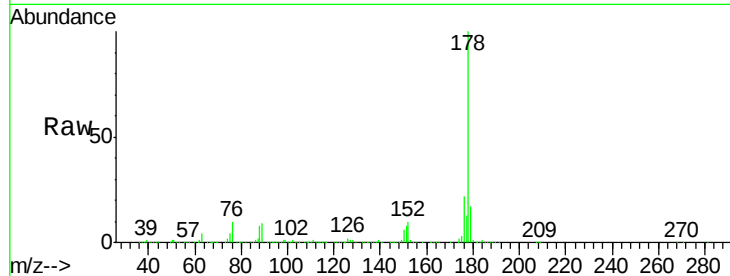
#70
Phenanthrene
Concen: 41.56 ng
RT: 17.45 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion:178 Resp: 1844157
Ion Ratio Lower Upper
178 100
176 22.1 17.7 26.5
179 17.1 15.0 22.6

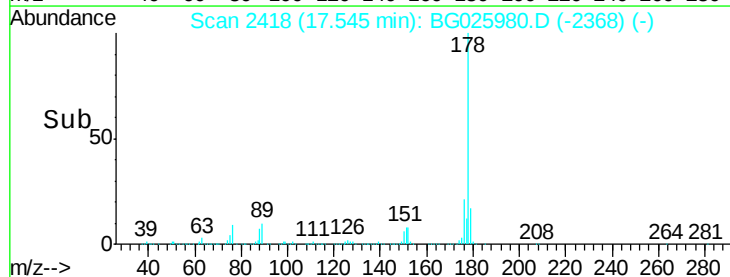
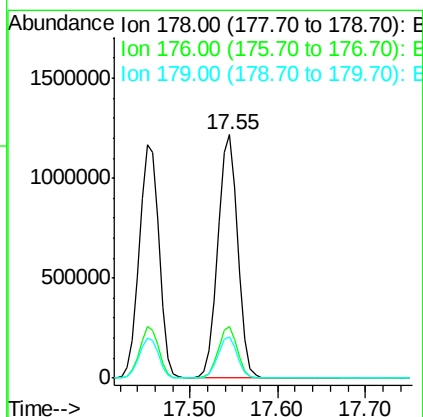
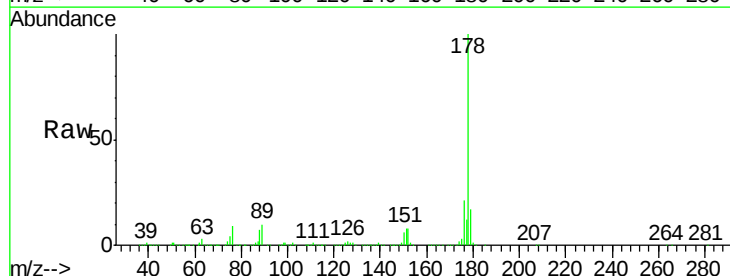
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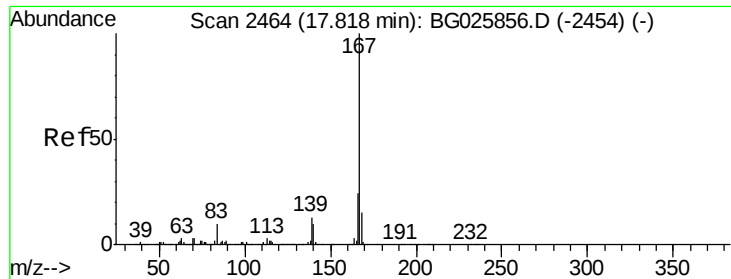
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#71
Anthracene
Concen: 42.40 ng
RT: 17.55 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion:178 Resp: 1918364
Ion Ratio Lower Upper
178 100
176 21.3 16.4 24.6
179 16.9 13.8 20.8





#72

Carbazole

Concen: 38.74 ng

RT: 17.80 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

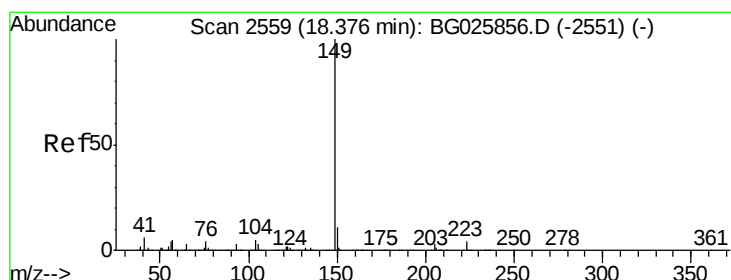
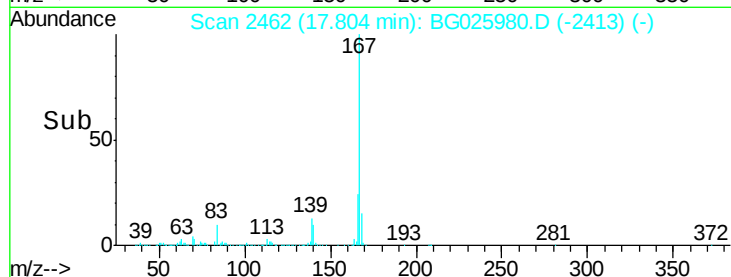
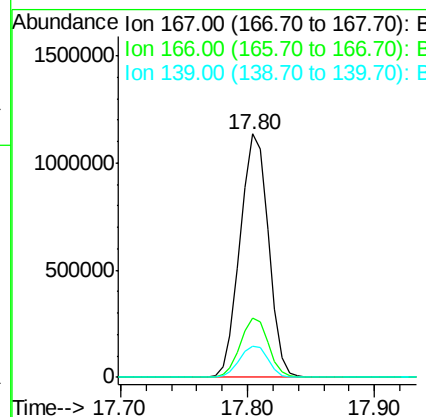
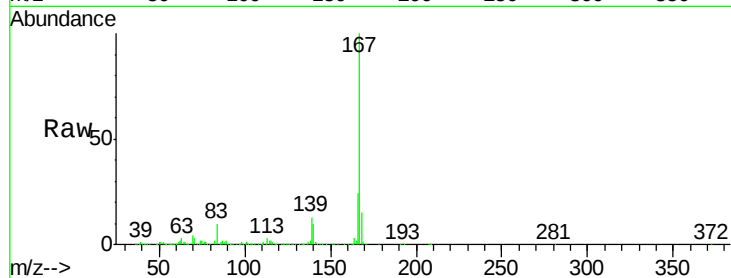
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:	167	Resp:	1760535
Ion	Ratio	Lower	Upper
167	100		
166	24.4	20.2	30.2
139	13.0	12.8	19.2

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#73

Di-n-butylphthalate

Concen: 46.64 ng

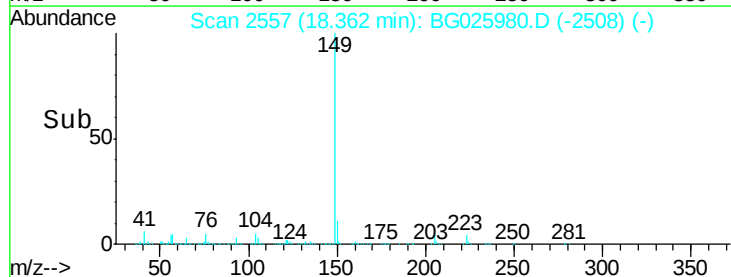
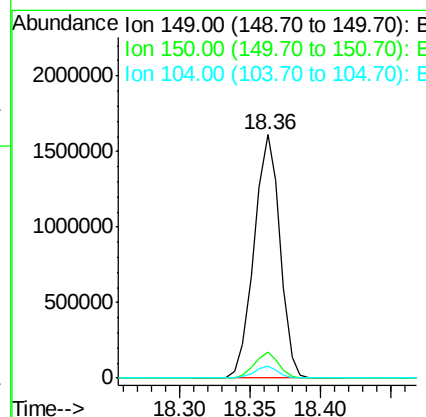
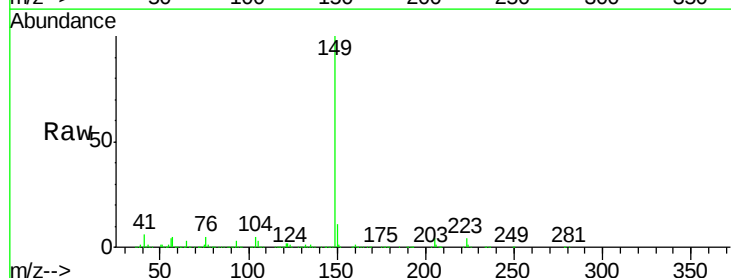
RT: 18.36 min Scan# 2557

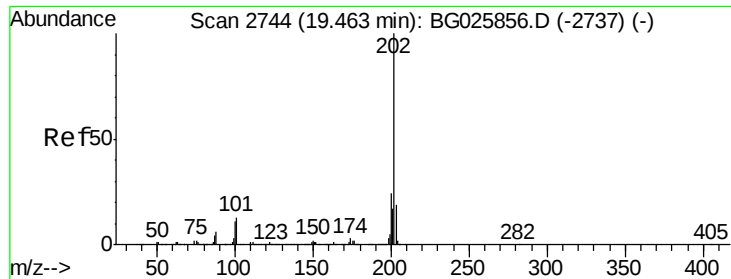
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion:	149	Resp:	2080639
Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.1	13.7
104	4.9	6.7	10.1#





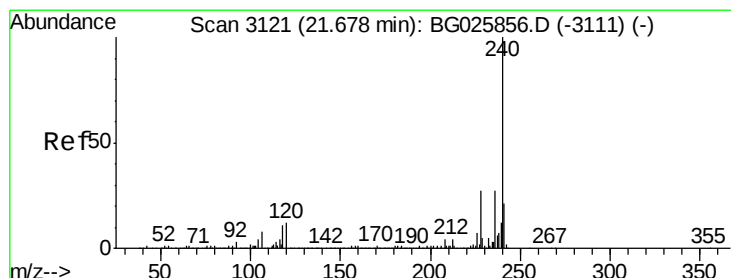
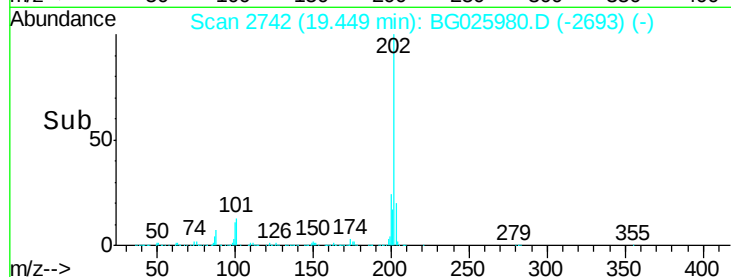
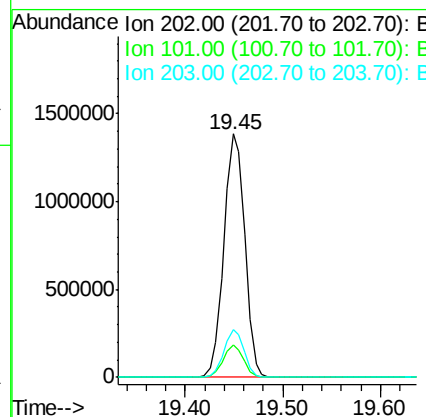
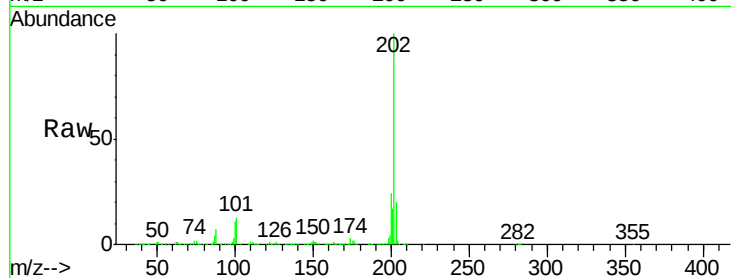
#74
 Fluoranthene
 Concen: 41.94 ng
 RT: 19.45 min Scan# 2742
 Delta R.T. -0.01 min
 Lab File: BG025980.D
 Acq: 28 Feb 2017 1:45

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2049193		
101	13.3		0.0	30.1
203	19.6		1.3	41.3

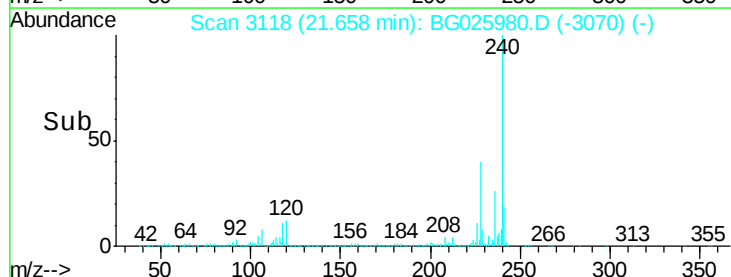
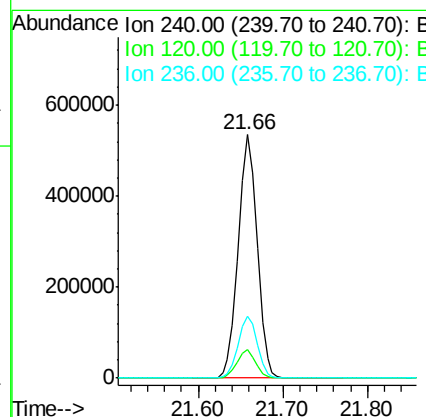
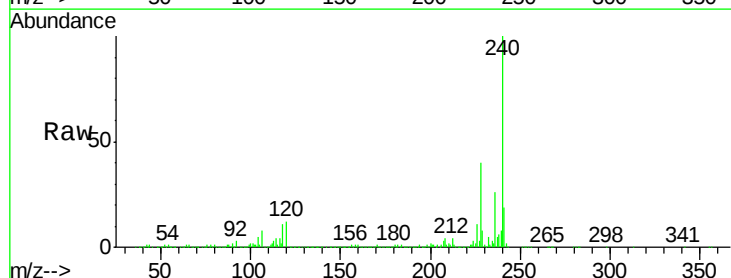
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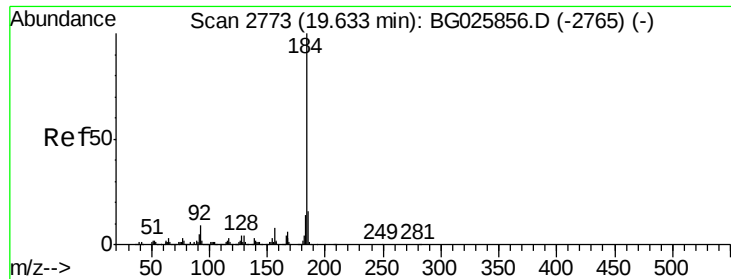
mohammad
 3/1/2017 12:37:46 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.66 min Scan# 3118
 Delta R.T. -0.02 min
 Lab File: BG025980.D
 Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	817852		
120	11.7		5.7	8.5#
236	25.6		22.2	33.4





#76

Benzidine

Concen: 2.91 ng/mL

RT: 19.64 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

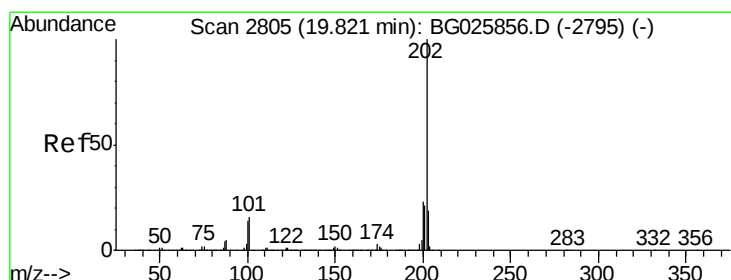
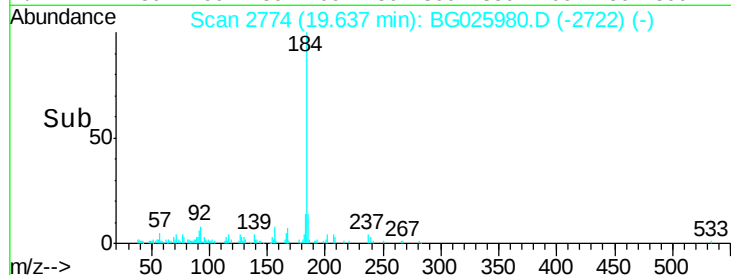
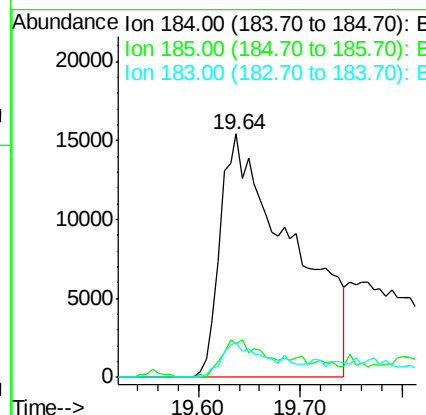
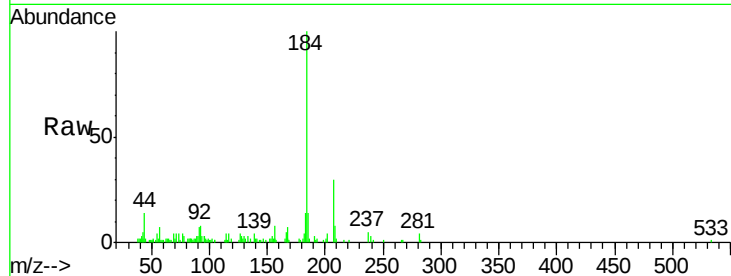
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:	184	Resp:	75121
Ion Ratio	Lower	Upper	
184	100		
185	13.7	13.0	19.6
183	14.3	11.0	16.6

Manual Integrations
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#77

Pyrene

Concen: 39.73 ng

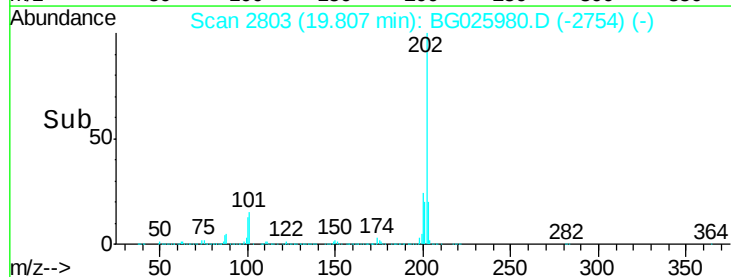
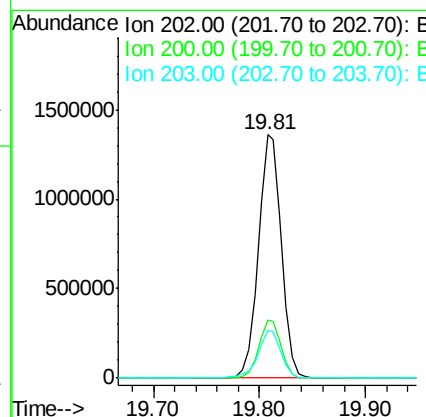
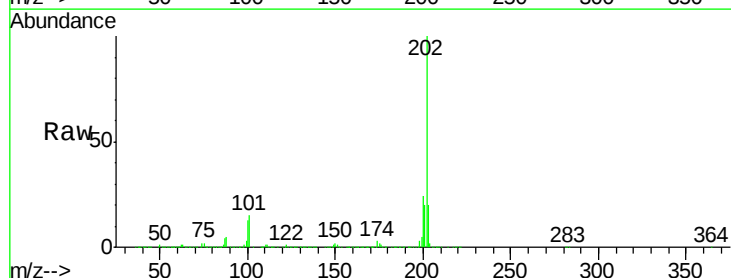
RT: 19.81 min Scan# 2803

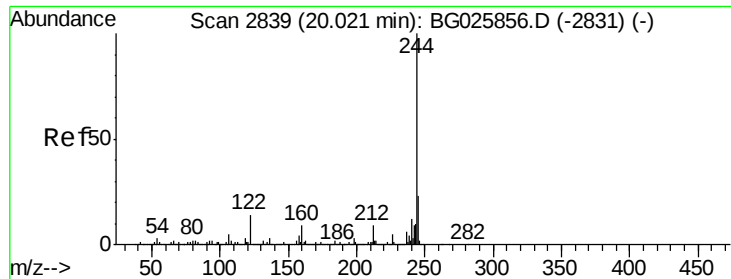
Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion:	202	Resp:	2054836
Ion Ratio	Lower	Upper	
202	100		
200	23.6	19.6	29.4
203	19.8	15.8	23.8





#78

Terphenyl-d14

Concen: 76.33 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:244 Resp: 2566652

Ion Ratio Lower Upper

244 100

212 8.7 10.0 15.0#

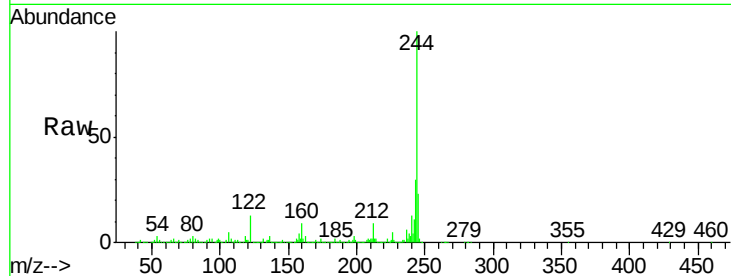
122 13.3 8.6 12.8#

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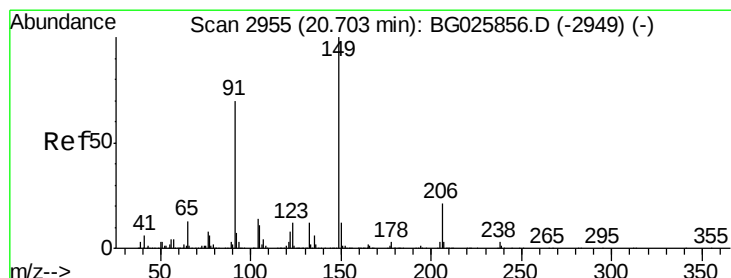
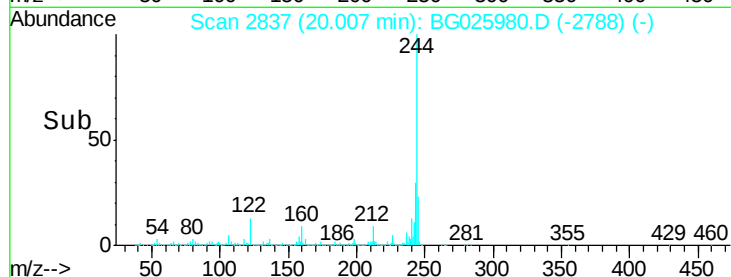
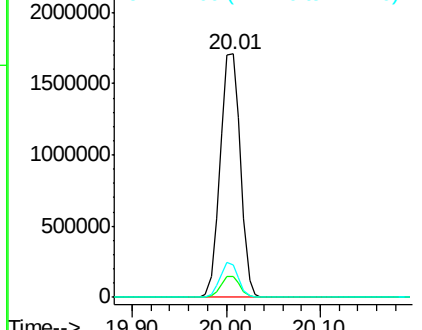
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.83 ng

RT: 20.69 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

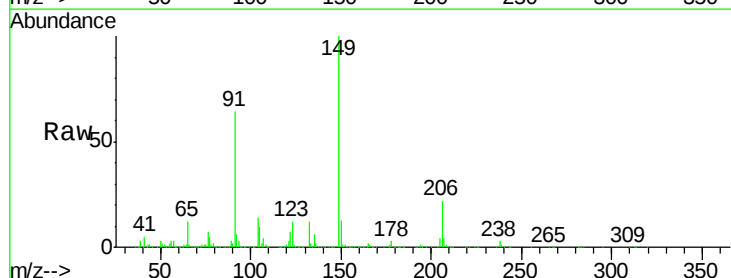
Tgt Ion:149 Resp: 919330

Ion Ratio Lower Upper

149 100

91 64.4 63.5 95.3

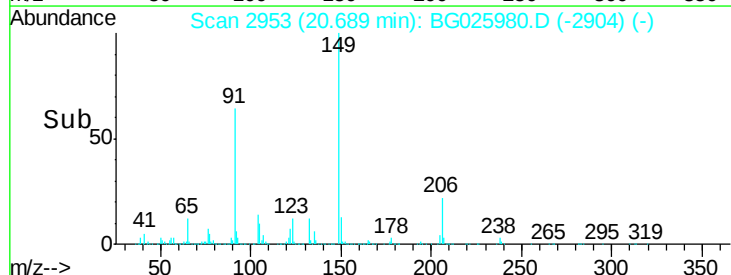
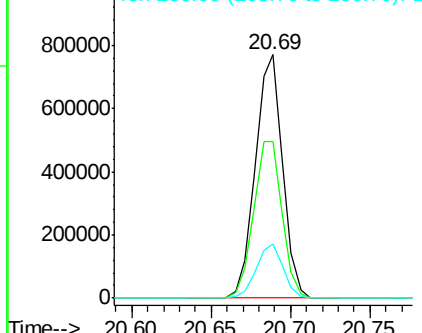
206 22.4 21.0 31.6

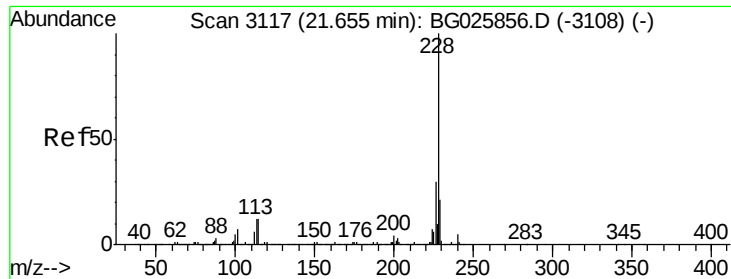


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





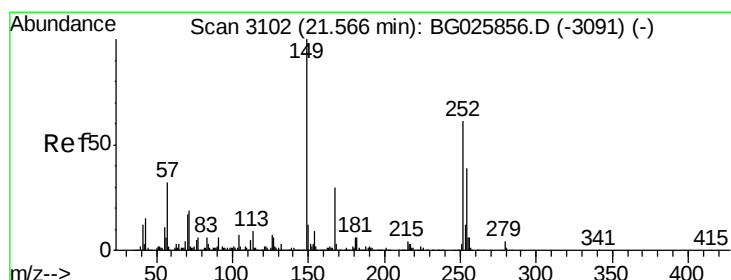
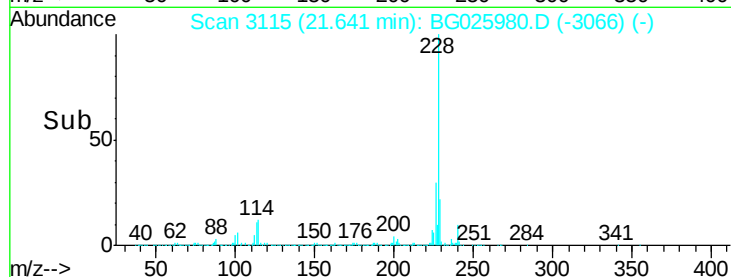
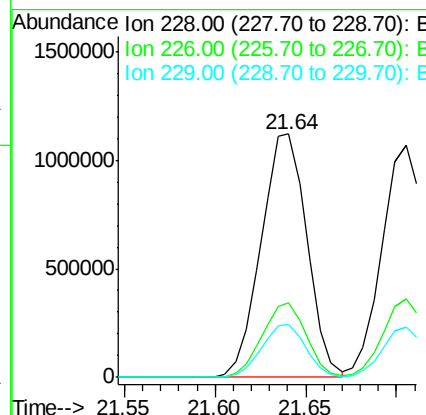
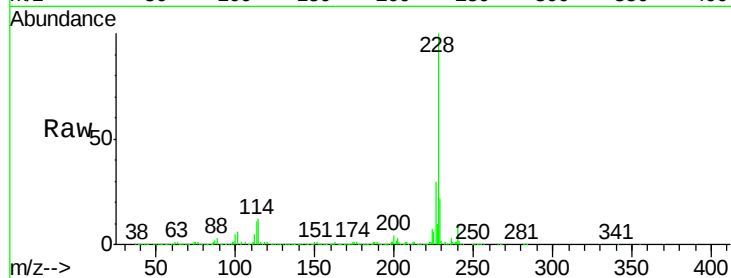
#80
Benzo(a)anthracene
Concen: 41.24 ng
RT: 21.64 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.6	18.2	27.2

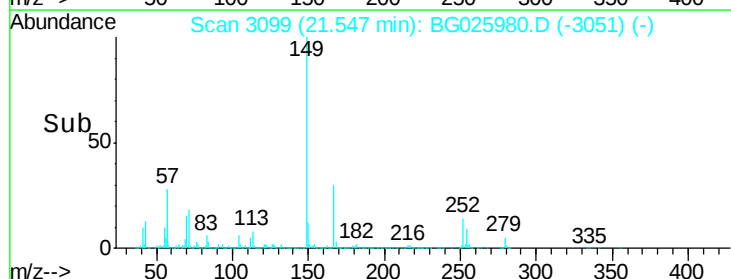
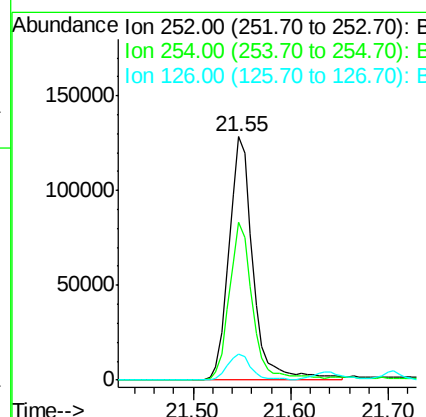
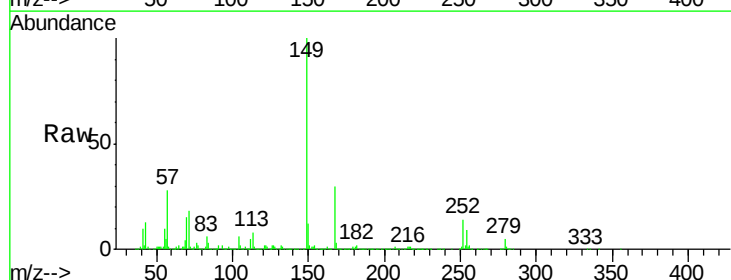
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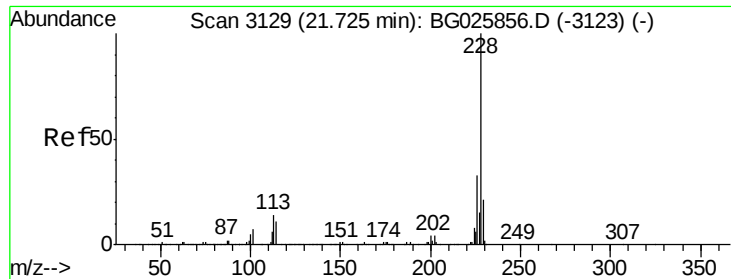
mohammad
3/1/2017 12:37:46 PM



#81
3,3'-Dichlorobenzidine
Concen: 12.95 ng
RT: 21.55 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.1	79.7
126	10.5	7.0	10.4





#82

Chrysene

Concen: 38.92 ng

RT: 21.71 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion:228 Resp: 1787293

Ion Ratio Lower Upper

228 100

226 33.6 27.0 40.4

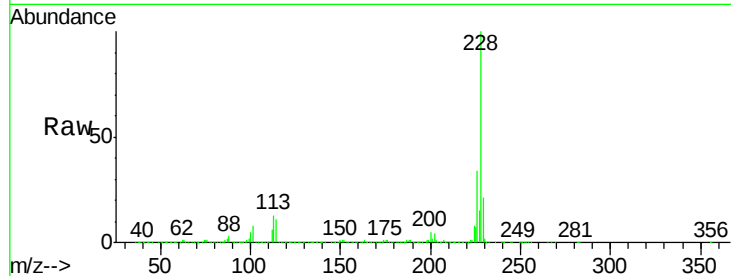
229 21.4 17.8 26.6

Manual Integrations

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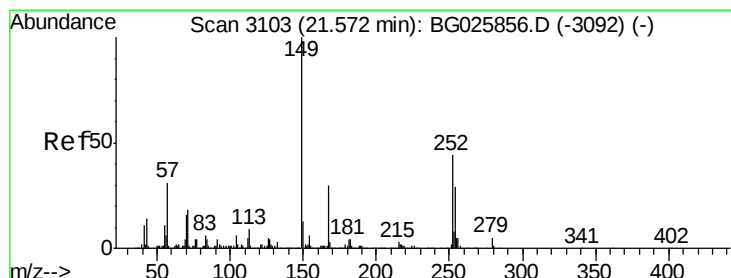
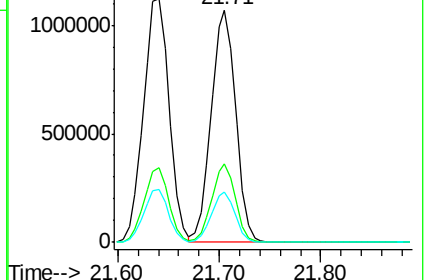
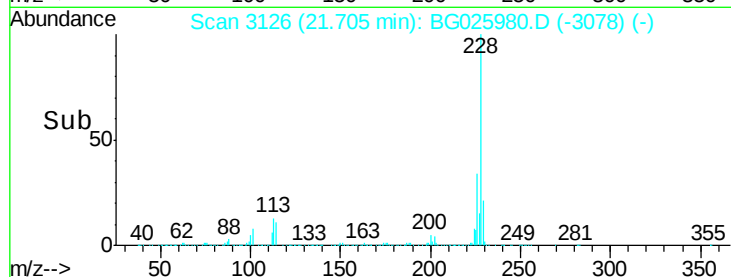
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.78 ng

RT: 21.54 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

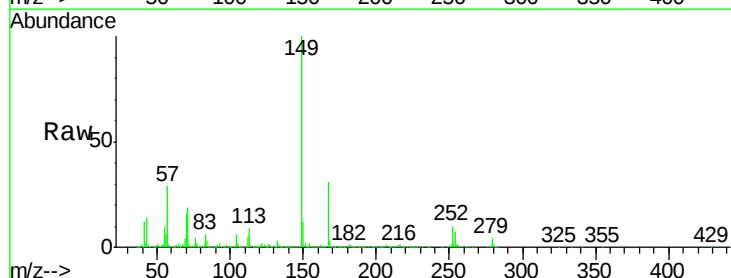
Tgt Ion:149 Resp: 1297478

Ion Ratio Lower Upper

149 100

167 31.1 23.7 35.5

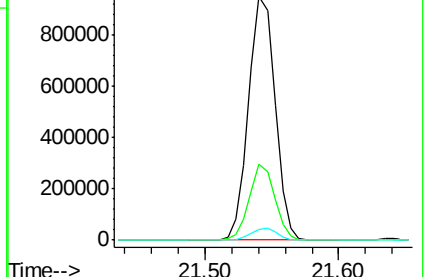
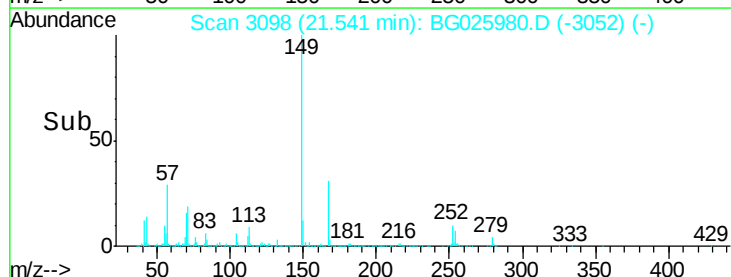
279 4.5 4.6 6.8#

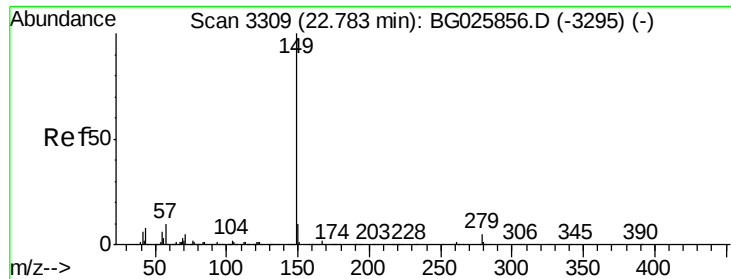


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 47.59 ng

RT: 22.75 min Scan# 3303

Delta R.T. -0.04 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

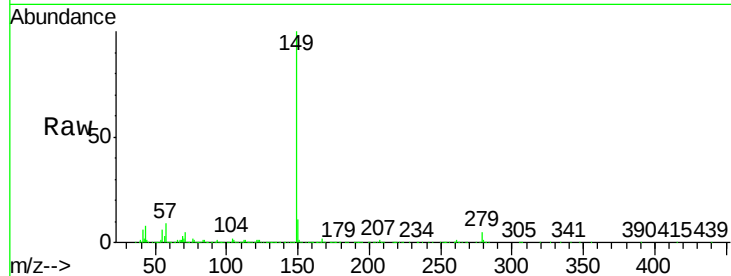
ClientSampleId :

ROLL-OFF-15-50-COMPMS

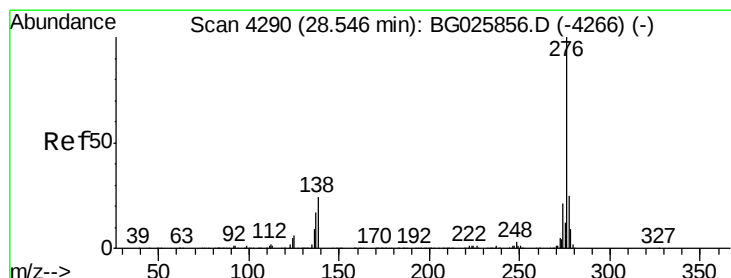
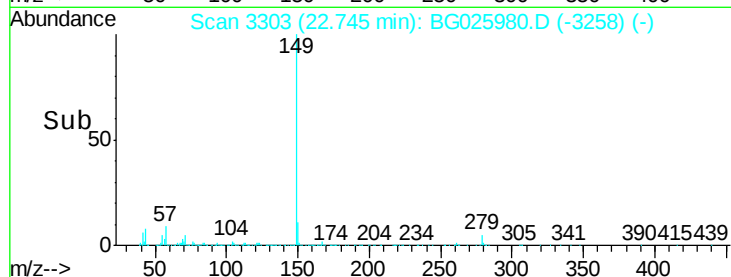
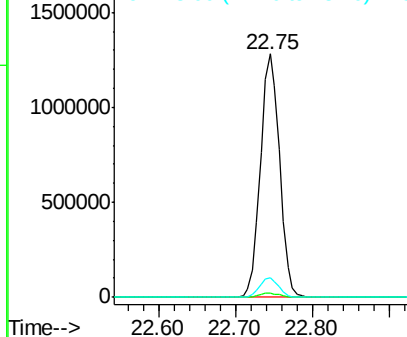
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	8.0	11.8	17.6

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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): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.64 ng

RT: 28.51 min Scan# 4284

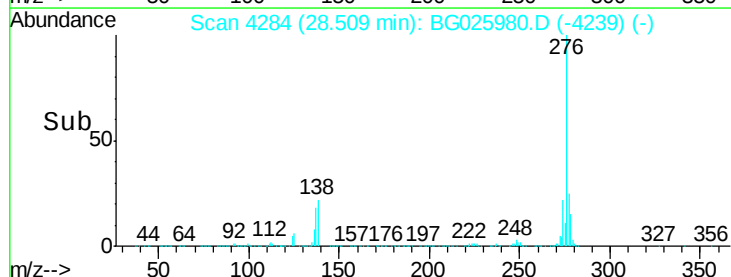
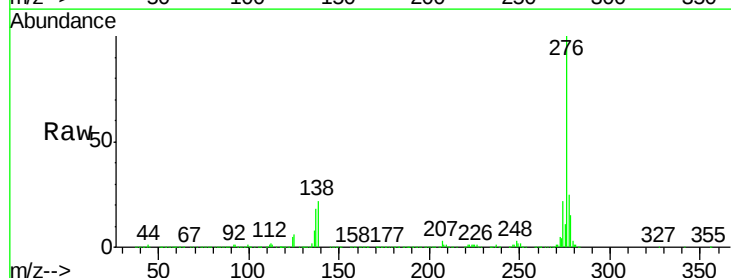
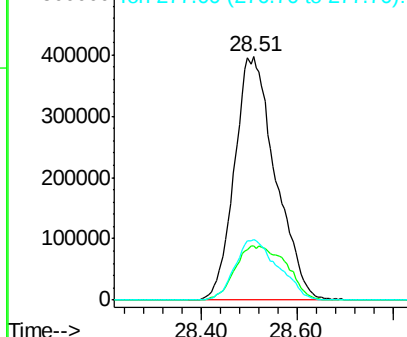
Delta R.T. -0.04 min

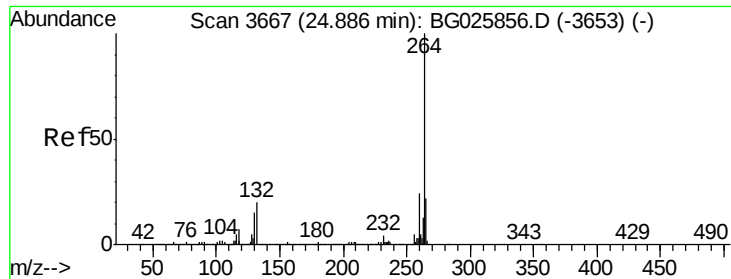
Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.1	4.7	7.1
277	26.3	20.6	31.0

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





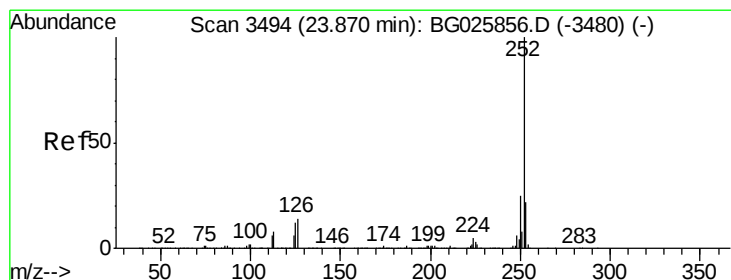
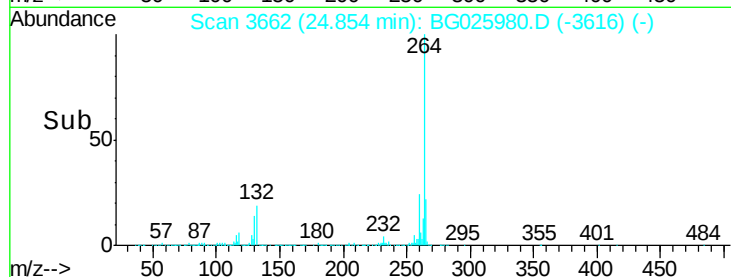
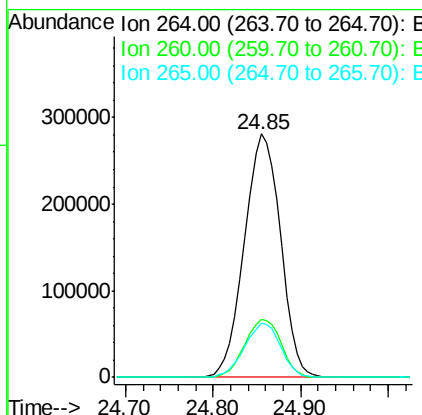
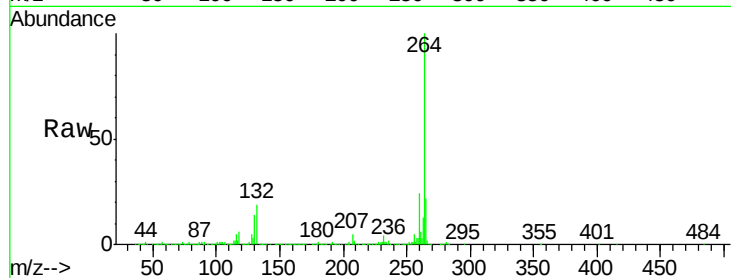
#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	22.1	18.2	27.4

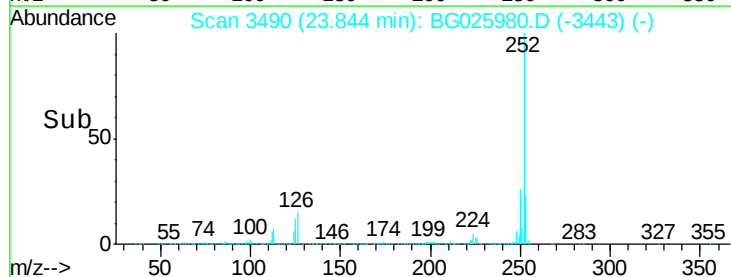
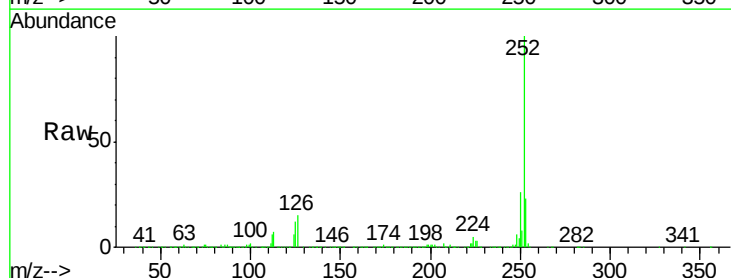
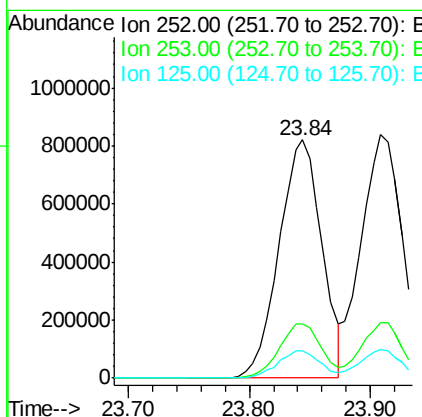
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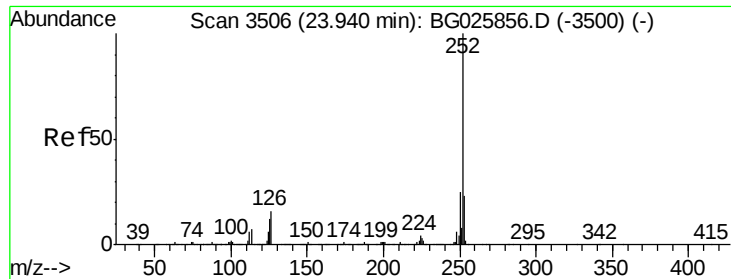
mohammad
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#87
Benzo(b)fluoranthene
Concen: 42.24 ng
RT: 23.84 min Scan# 3490
Delta R.T. -0.03 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	11.5	5.3	7.9#





#88

Benzo(k)fluoranthene

Concen: 42.99 ng

RT: 23.91 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Instrument :

BNA_G

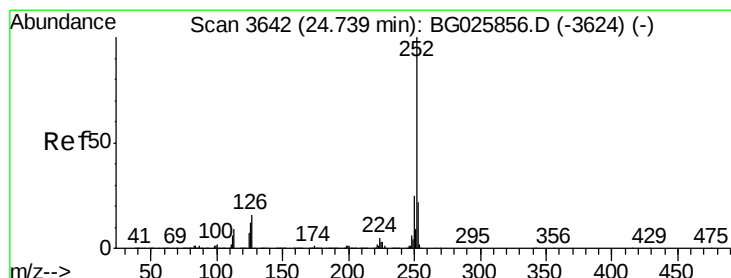
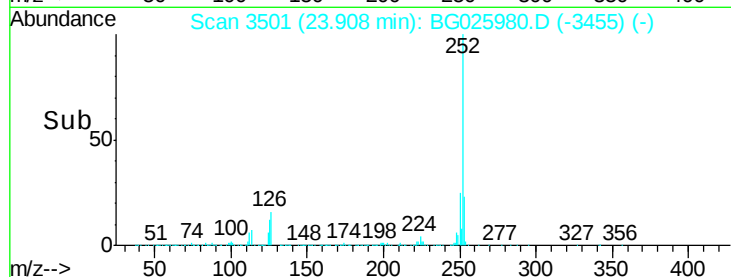
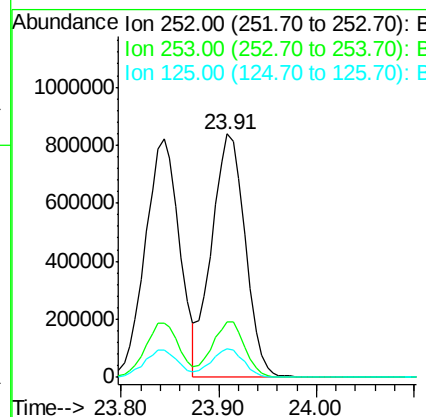
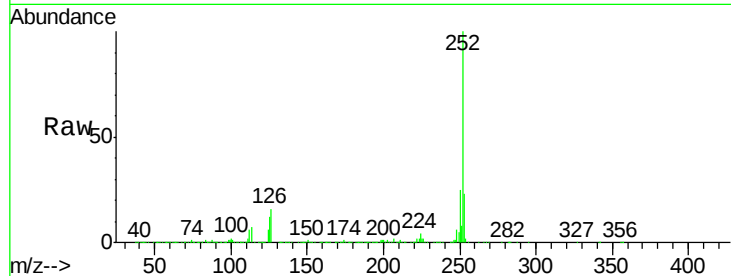
ClientSampleId :

ROLL-OFF-15-50-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.2	30.2
125	11.9	5.1	7.7#

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#89

Benzo(a)pyrene

Concen: 43.45 ng

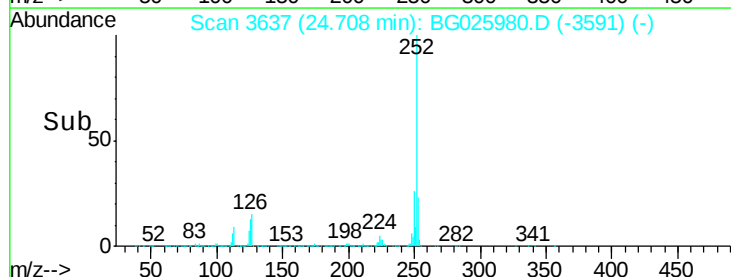
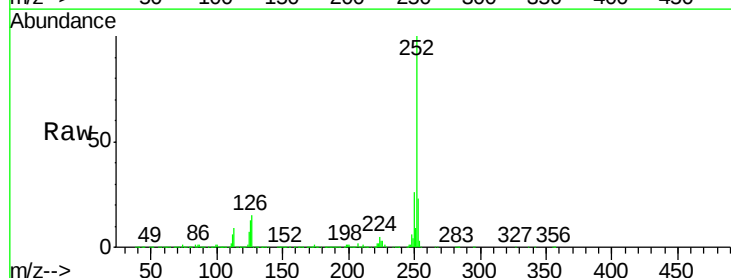
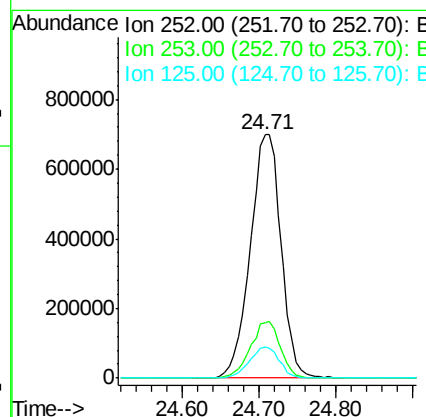
RT: 24.71 min Scan# 3637

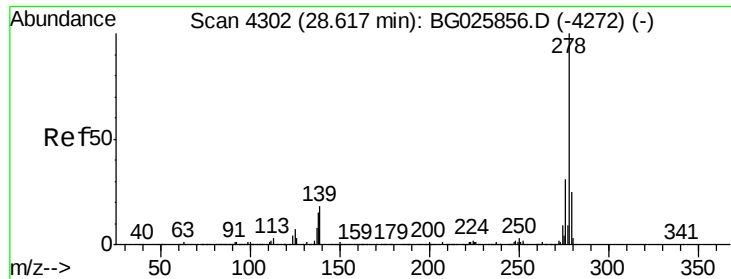
Delta R.T. -0.03 min

Lab File: BG025980.D

Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	12.7	5.4	8.0#





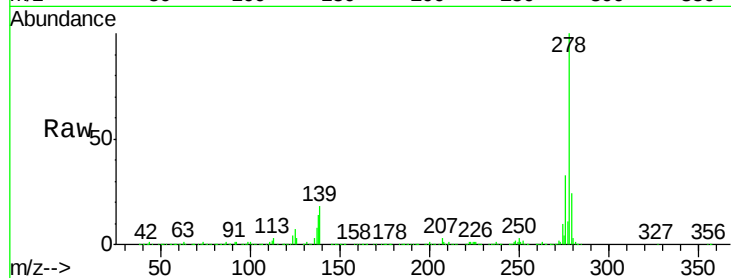
#90
Dibenzo(a,h)anthracene
Concen: 43.60 ng
RT: 28.57 min Scan# 4295
Delta R.T. -0.04 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

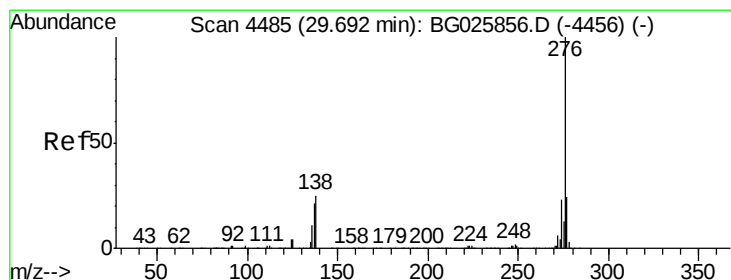
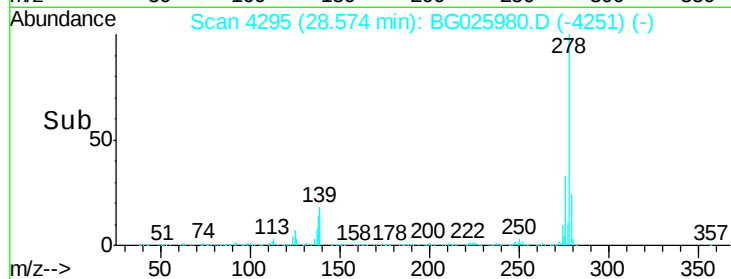
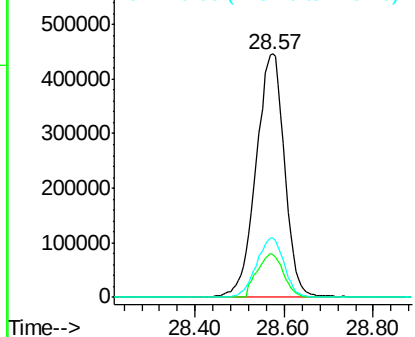
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	7.7	11.5#
279	24.4	19.1	28.7

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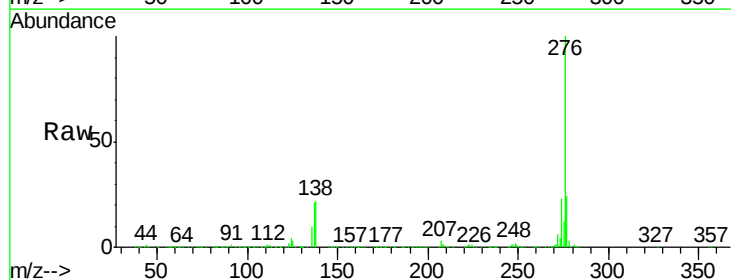


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 43.24 ng
RT: 29.65 min Scan# 4478
Delta R.T. -0.04 min
Lab File: BG025980.D
Acq: 28 Feb 2017 1:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	22.4	8.1	12.1#



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

