

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026559.D
 Acq On : 5 Apr 2017 15:33
 Operator : SJ/MA
 Sample : PB98073BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:42:18 PM

Quant Time: Apr 06 01:14:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	173990	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	710804	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	418326	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	1001754	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1125000	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1114661	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1387552	141.55	ng	0.00
7) Phenol-d6	7.21	99	1746467	132.71	ng	0.00
23) Nitrobenzene-d5	9.20	82	940798	79.58	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	776886	162.17	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2554839	85.65	ng	0.00
78) Terphenyl-d14	19.98	244	3451676	74.51	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	140273	31.88	ng	# 68
3) Pyridine	3.89	79	397196	32.96	ng	# 60
4) n-Nitrosodimethylamine	3.81	42	126072	38.28	ng	# 1
6) Aniline	7.37	93	512674	29.16	ng	# 85
8) 2-Chlorophenol	7.61	128	519712	47.08	ng	# 79
9) Benzaldehyde	7.18	77	329069	37.04	ng	# 65
10) Phenol	7.23	94	631690	44.98	ng	# 70
11) bis(2-Chloroethyl)ether	7.46	93	458171	39.78	ng	# 80
12) 1,3-Dichlorobenzene	7.93	146	565710	43.05	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	577439m	43.44	ng	
14) 1,2-Dichlorobenzene	8.40	146	554780	43.61	ng	# 89
15) Benzyl Alcohol	8.28	79	375434	43.51	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	437138	34.18	ng	78
17) 2-Methylphenol	8.48	107	440406	44.16	ng	# 80
18) Hexachloroethane	9.12	117	181399	41.73	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	322167	38.08	ng	# 69
20) 3+4-Methylphenols	8.81	107	601630	43.81	ng	86
22) Acetophenone	8.86	105	706480	43.22	ng	# 73
24) Nitrobenzene	9.24	77	474747	40.67	ng	# 69
25) Isophorone	9.76	82	914144	41.03	ng	# 88
26) 2-Nitrophenol	9.95	139	300633	49.50	ng	# 62
27) 2,4-Dimethylphenol	10.01	122	492831	49.44	ng	85
28) bis(2-Chloroethoxy)methane	10.24	93	609144	42.08	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	523097	51.88	ng	93
30) 1,2,4-Trichlorobenzene	10.70	180	545535	48.17	ng	99
31) Naphthalene	10.89	128	1545170	42.99	ng	100
32) Benzoic acid	10.15	122	328138	42.78	ng	# 70
33) 4-Chloroaniline	11.00	127	253495	17.34	ng	# 80
34) Hexachlorobutadiene	11.18	225	316103	47.31	ng	96
35) Caprolactam	11.76	113	179782m	45.26	ng	
36) 4-Chloro-3-methylphenol	12.11	107	505278	46.85	ng	# 74
37) 2-Methylnaphthalene	12.48	142	1193056	45.32	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	573165	45.54	ng	98
40) Hexachlorocyclopentadiene	12.84	237	656272	99.06	ng	96

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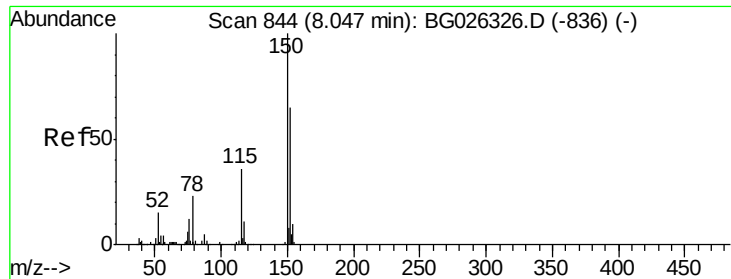
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	416614	50.55	nq	99
43) 2,4,5-Trichlorophenol	13.17	196	444705	48.82	nq	# 92
45) 1,1'-Biphenyl	13.48	154	1512538	43.66	nq	97
46) 2-Chloronaphthalene	13.53	162	1144048	45.21	nq	97
47) 2-Nitroaniline	13.73	65	289782	40.27	nq	# 46
48) Acenaphthylene	14.37	152	1862612	42.23	nq	99
49) Dimethylphthalate	14.10	163	1462344	46.31	nq	98
50) 2,6-Dinitrotoluene	14.22	165	351649	47.72	nq	# 57
51) Acenaphthene	14.71	154	1181099	43.48	nq	98
52) 3-Nitroaniline	14.55	138	208521	25.70	nq	# 65
53) 2,4-Dinitrophenol	14.76	184	355247	83.10	nq	# 72
54) Dibenzofuran	15.05	168	1804694	47.19	nq	# 89
55) 4-Nitrophenol	14.86	139	616972	92.85	nq	# 38
56) 2,4-Dinitrotoluene	15.01	165	500901	48.33	nq	# 66
57) Fluorene	15.69	166	1492143	43.84	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	425909	53.61	nq	# 95
59) Diethylphthalate	15.45	149	1443939	44.74	nq	99
60) 4-Chlorophenyl-phenylether	15.67	204	747507	46.35	nq	89
61) 4-Nitroaniline	15.71	138	392597	45.74	nq	# 48
62) Azobenzene	15.97	77	1155295	44.03	nq	77
64) 4,6-Dinitro-2-methylphenol	15.77	198	309208	48.96	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1334835	45.40	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	509689	49.43	nq	94
67) Hexachlorobenzene	16.70	284	539933	49.09	nq	# 88
68) Atrazine	16.83	200	491581	44.17	nq	97
69) Pentachlorophenol	17.04	266	666384	93.19	nq	98
70) Phenanthrene	17.42	178	2318200	43.09	nq	99
71) Anthracene	17.51	178	2403288	43.79	nq	97
72) Carbazole	17.78	167	2282416	40.39	nq	97
73) Di-n-butylphthalate	18.33	149	2486991	42.84	nq	# 94
74) Fluoranthene	19.42	202	2728905	43.14	nq	98
76) Benzidine	19.59	184	1158146	29.86	nq	99
77) Pyrene	19.78	202	2771274	42.54	nq	98
79) Butylbenzylphthalate	20.66	149	1178402	45.21	nq	# 83
80) Benzo(a)anthracene	21.60	228	2733261	43.17	nq	99
81) 3,3'-Dichlorobenzidine	21.52	252	678503	26.18	nq	# 98
82) Chrysene	21.67	228	2526020	41.76	nq	99
83) Bis(2-ethylhexyl)phthalate	21.50	149	1678444	42.64	nq	96
84) Di-n-octyl phthalate	22.69	149	2843742	42.33	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.43	276	3531018	47.28	nq	# 88
87) Benzo(b)fluoranthene	23.79	252	2966739	45.15	nq	# 96
88) Benzo(k)fluoranthene	23.87	252	2829174	44.40	nq	# 95
89) Benzo(a)pyrene	24.66	252	2846504	45.17	nq	# 96
90) Dibenzo(a,h)anthracene	28.49	278	2965802	46.56	nq	# 94
91) Benzo(g,h,i)perylene	29.56	276	2919531	45.49	nq	# 88

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



#1

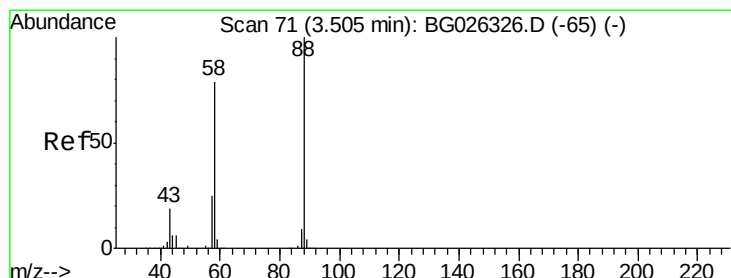
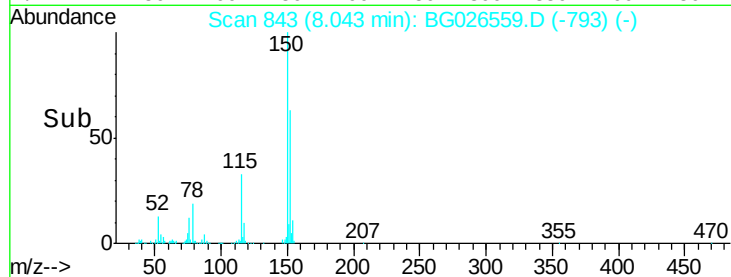
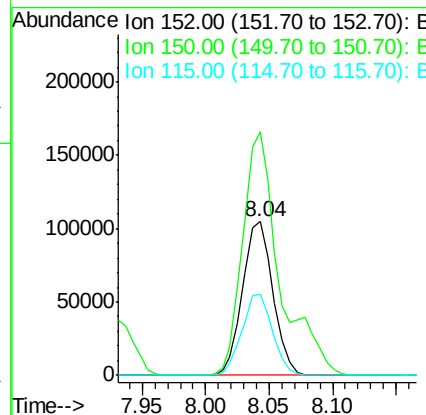
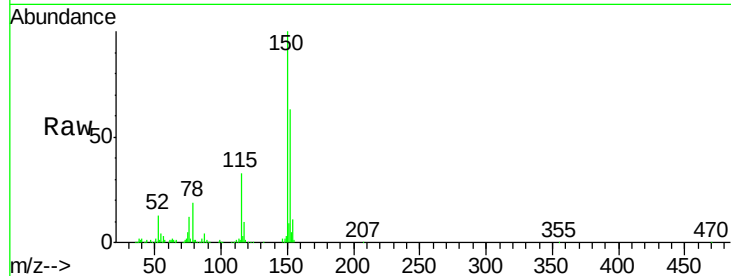
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	114.0	171.0
115	52.5	48.1	72.1

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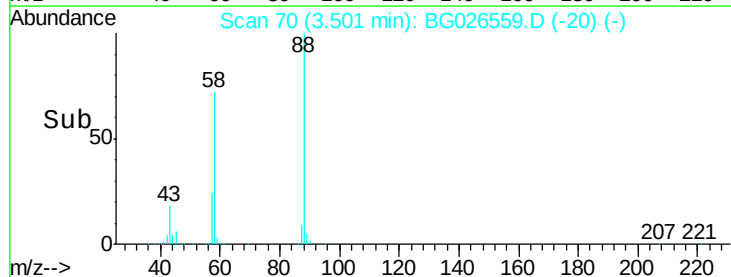
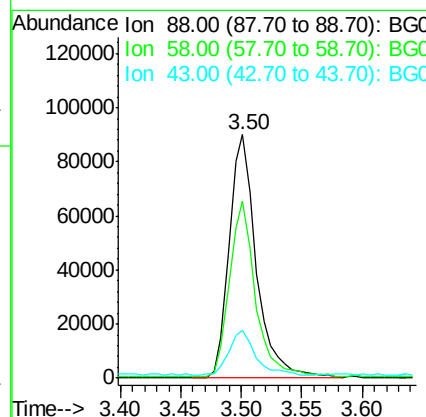
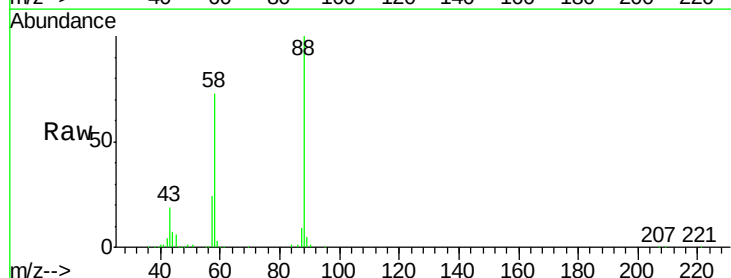
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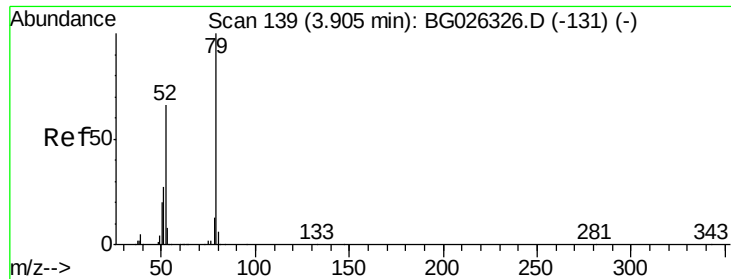


#2

1,4-Dioxane
Concen: 31.88 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	79.4	119.2#
43	18.2	33.8	50.6#





#3

Pvridine

Concen: 32.96 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

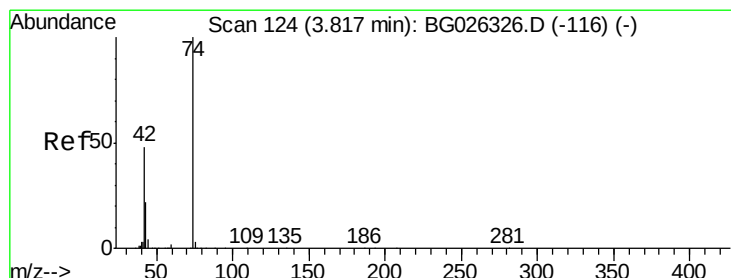
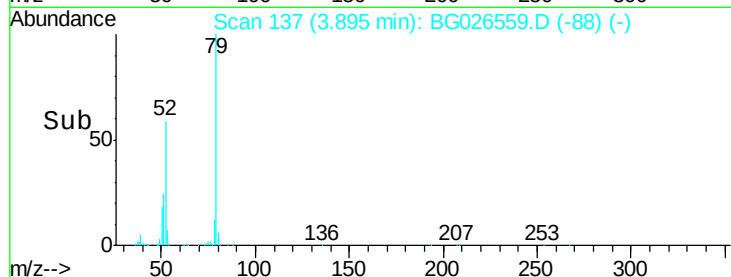
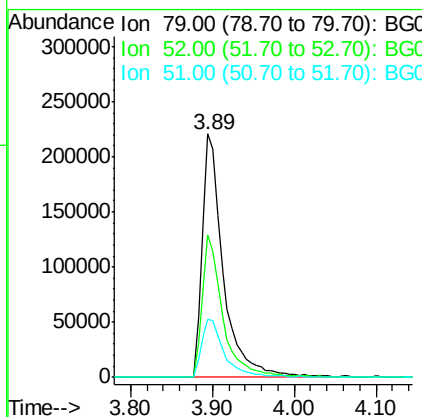
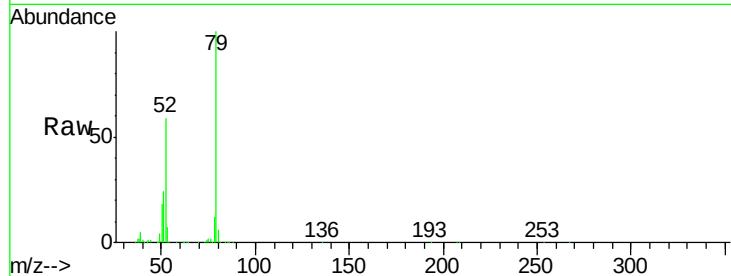
ClientSampleId :

PB98073BS

Tot Ion:	79	Resp:	397196
Ion Ratio	Lower	Upper	
79	100		
52	58.6	77.8	116.6#
51	23.9	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 38.28 ng

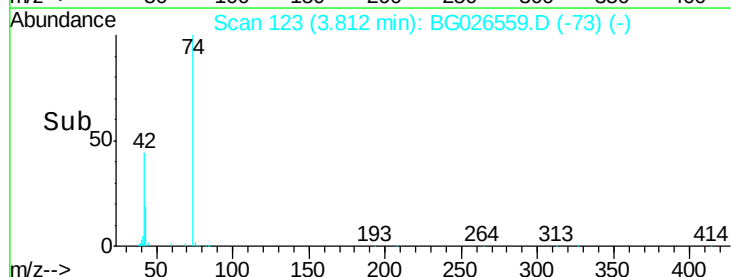
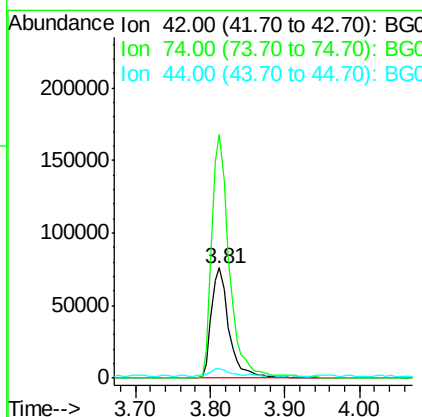
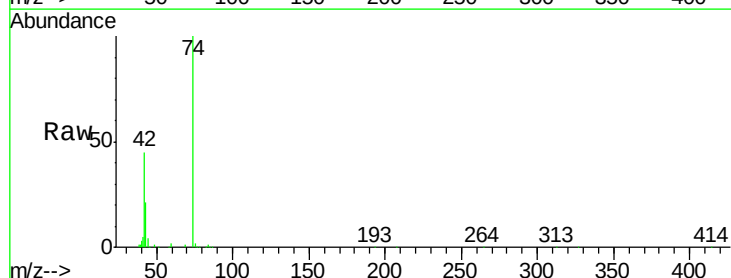
RT: 3.81 min Scan# 123

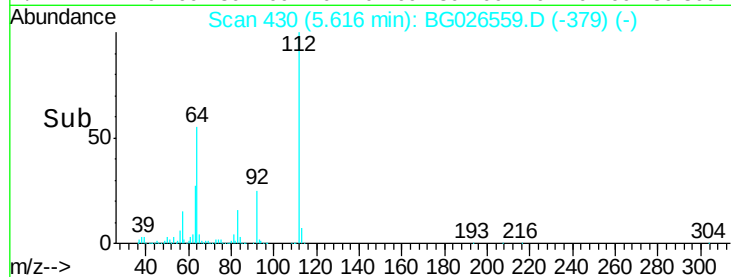
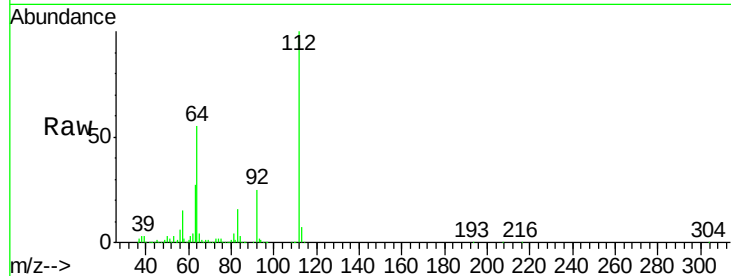
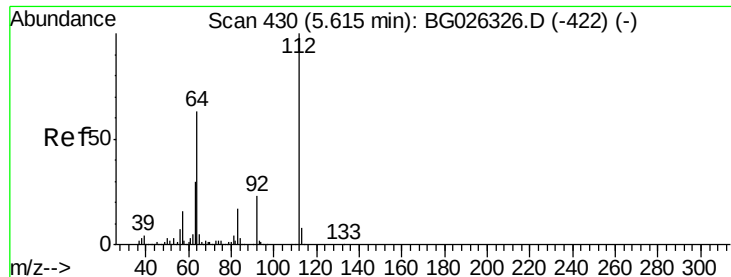
Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion:	42	Resp:	126072
Ion Ratio	Lower	Upper	
42	100		
74	221.4	76.7	115.1#
44	8.7	6.1	9.1





#5

2-Fluorophenol

Concen: 141.55 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tot Ion:	112	Resp:	1387552
Ion	Ratio	Lower	Upper
112	100		
64	55.3	61.8	92.6#
63	27.4	37.2	55.8#

Instrument :

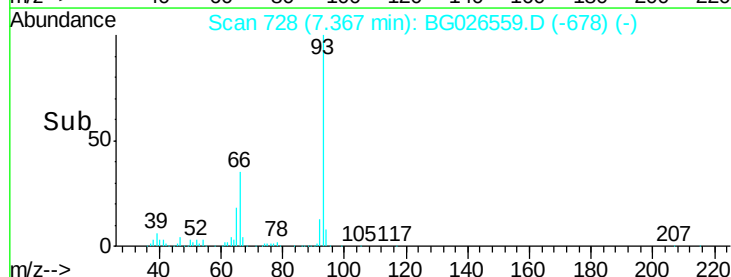
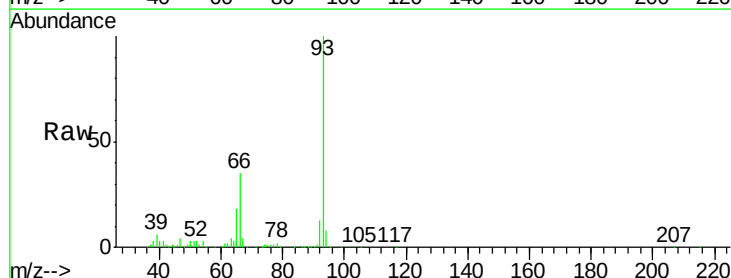
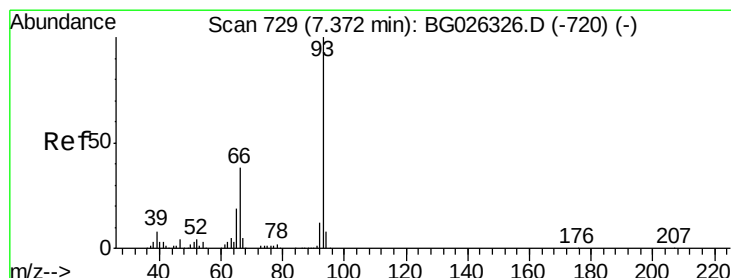
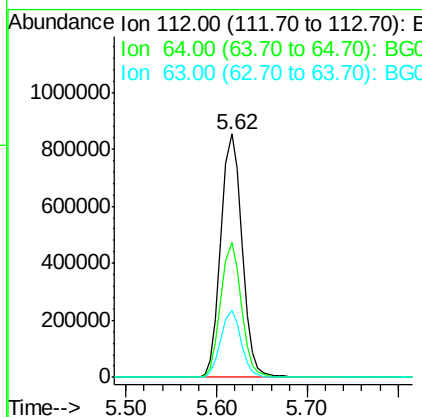
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ClientSampled :

PB98073BS

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#6

Aniline

Concen: 29.16 ng

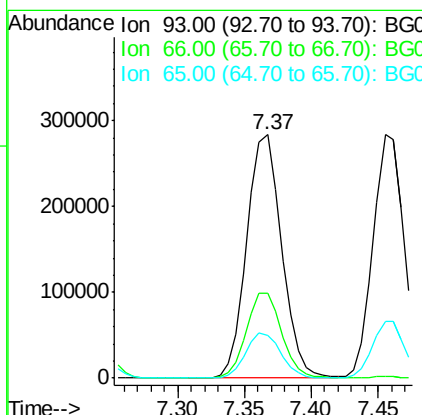
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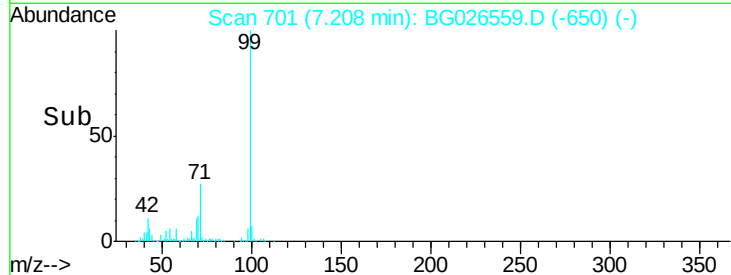
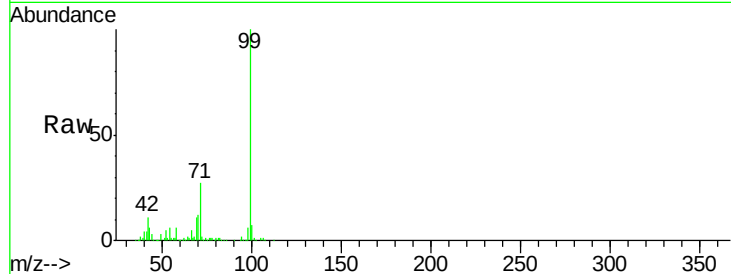
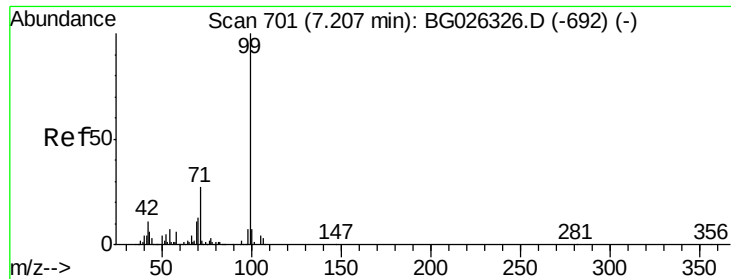
Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion:	93	Resp:	512674
Ion	Ratio	Lower	Upper
93	100		
66	35.2	35.4	53.2#
65	17.7	21.2	31.8#





#7

Phenol-d6

Concen: 132.71 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tot Ion:	99	Resp:	1746467
Ion	Ratio	Lower	Upper
99	100		
42	10.8	20.5	30.7#
71	27.0	37.6	56.4#

Instrument :

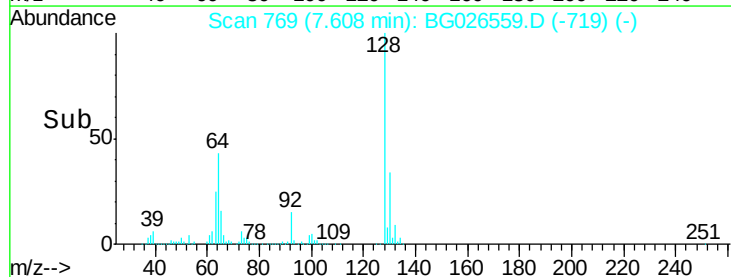
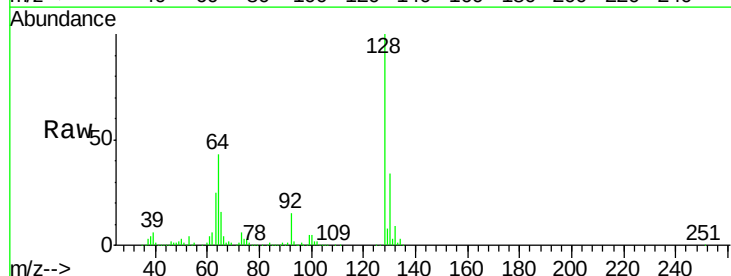
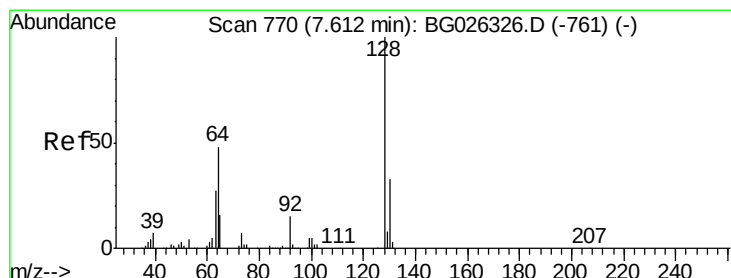
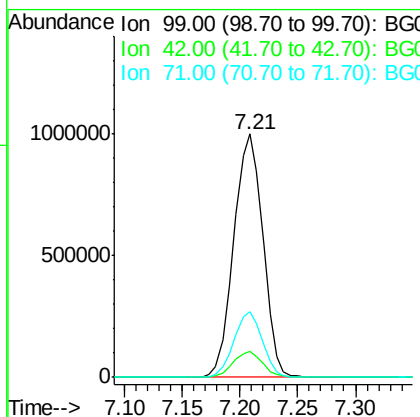
BNA_G

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#8

2-Chlorophenol

Concen: 47.08 ng

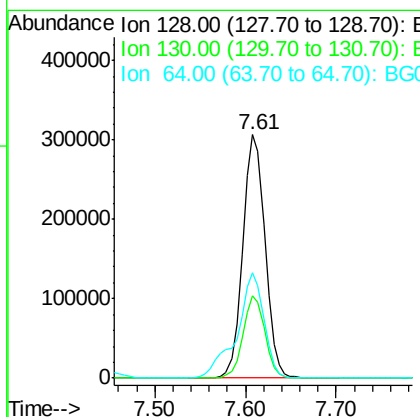
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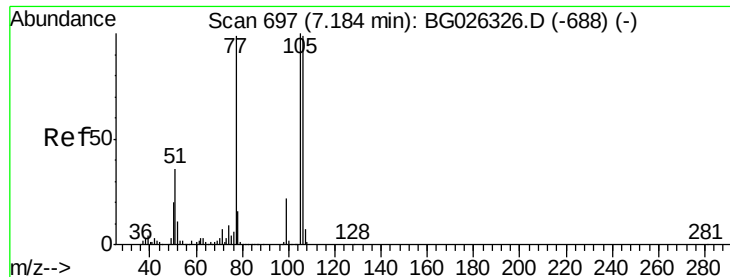
Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion:	128	Resp:	519712
Ion	Ratio	Lower	Upper
128	100		
130	33.7	11.4	51.4
64	43.2	46.6	86.6#





#9

Benzaldehyde

Concen: 37.04 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

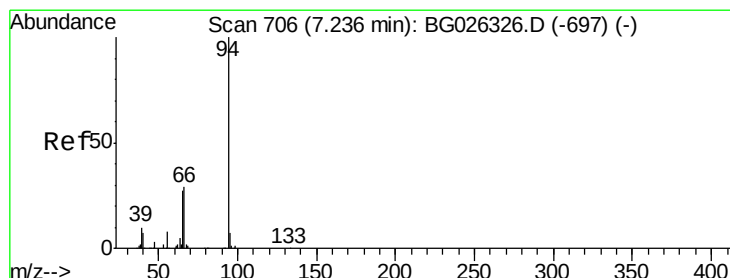
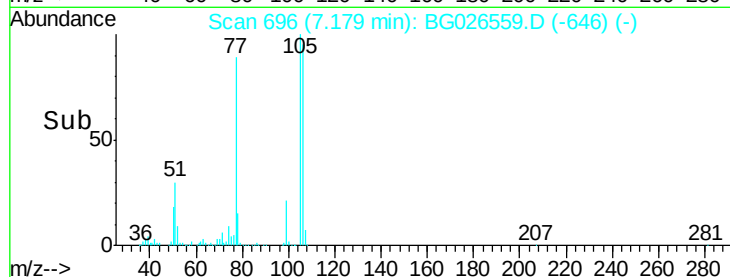
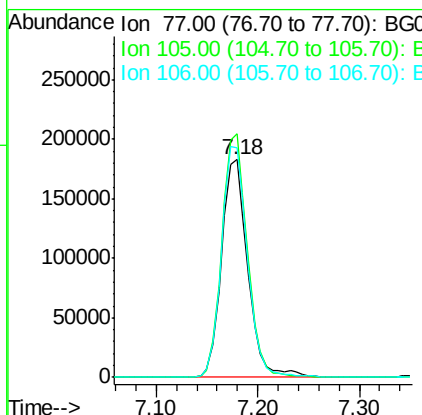
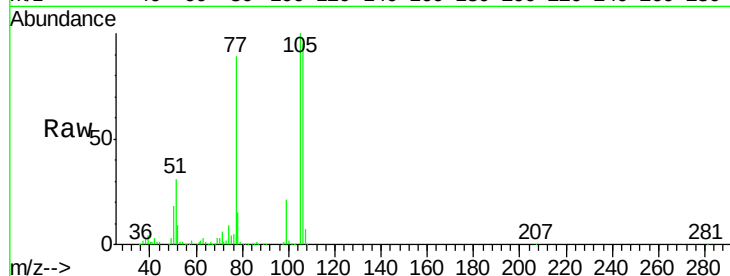
ClientSampled :

PB98073BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	111.8	60.9	100.9#
106	105.7	55.1	95.1#

Manual Integrations
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#10

Phenol

Concen: 44.98 ng

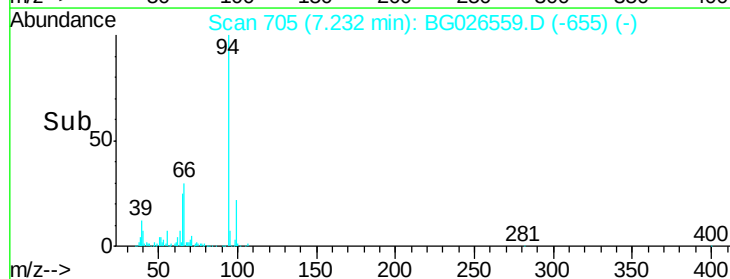
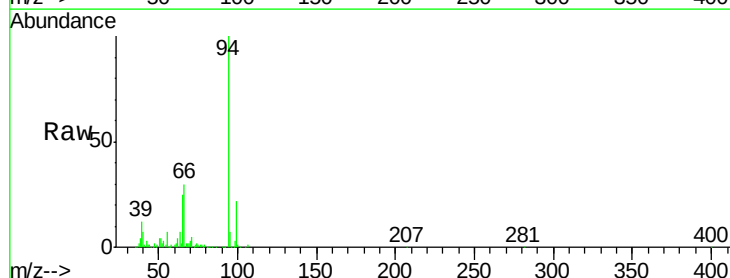
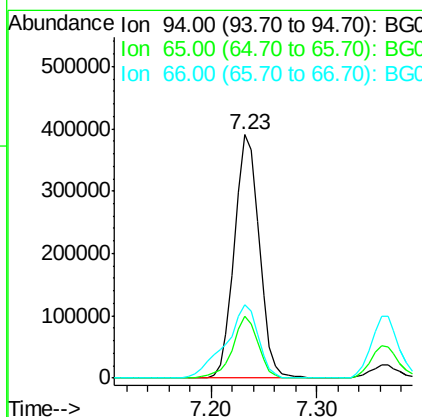
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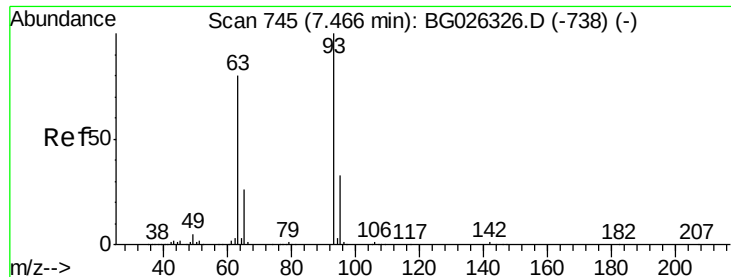
Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.5	20.6	60.6
66	30.1	35.5	75.5#





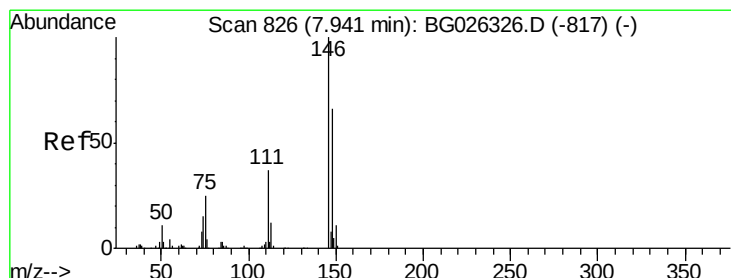
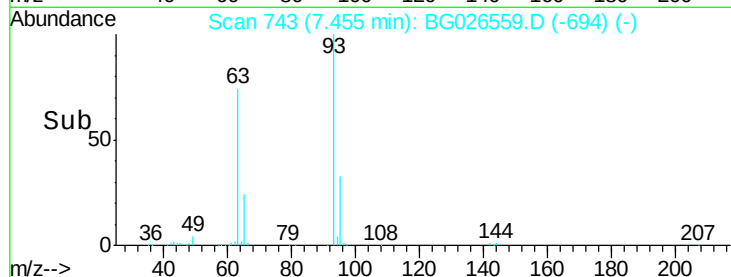
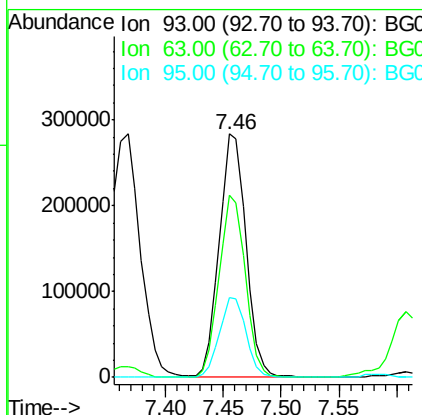
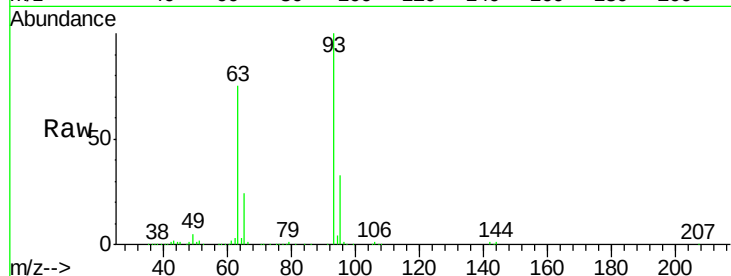
#11
 bis(2-Chloroethyl)ether
 Concen: 39.78 ng
 RT: 7.46 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.9	78.5	118.5#
95	33.0	9.8	49.8

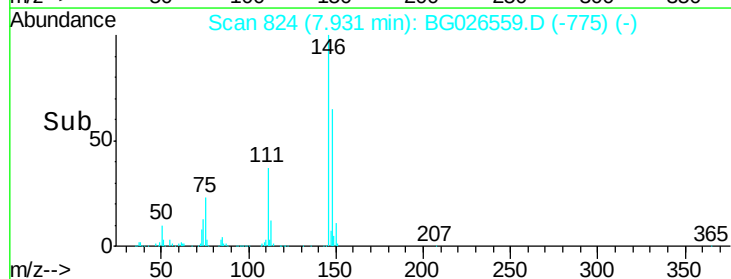
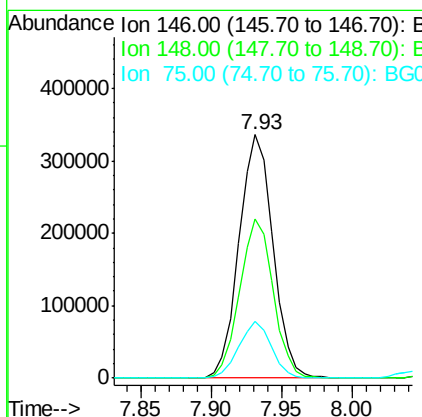
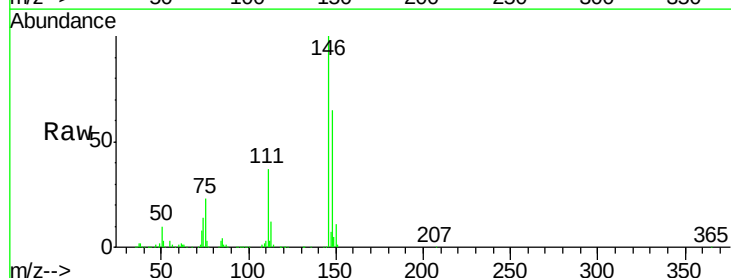
Manual Integrations
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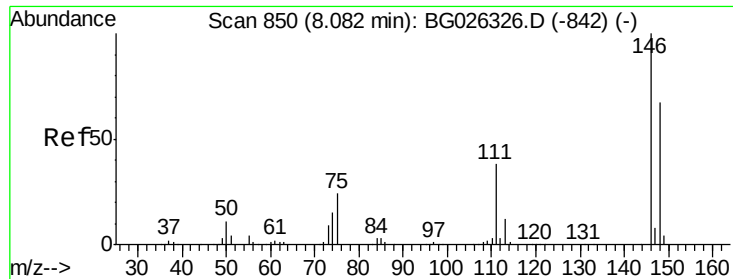
mohammad
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#12
 1,3-Dichlorobenzene
 Concen: 43.05 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.2	73.8
75	23.1	33.4	50.2#





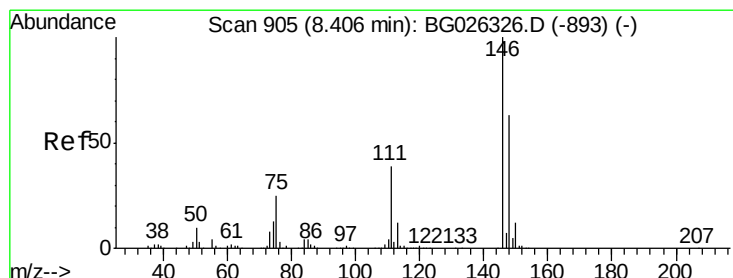
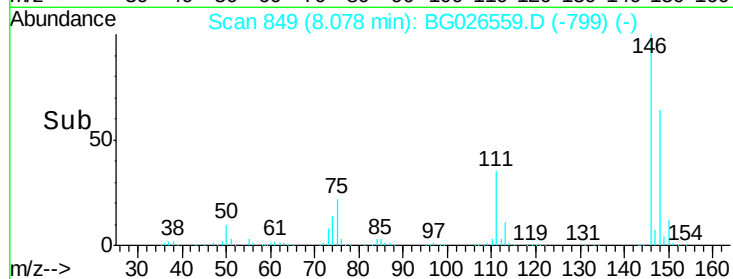
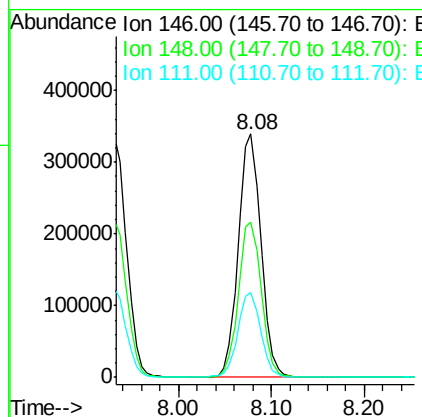
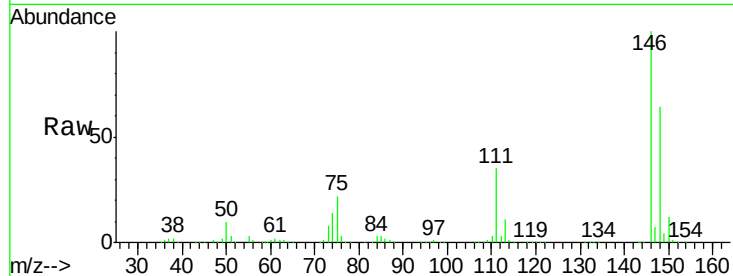
#13
1,4-Dichlorobenzene
Concen: 43.44 ng/ml
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleID :
PB98073BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	34.9	37.0	55.6

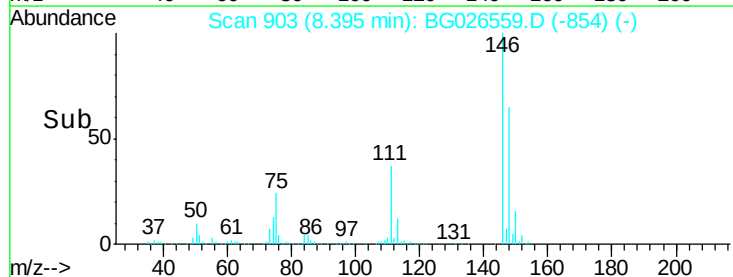
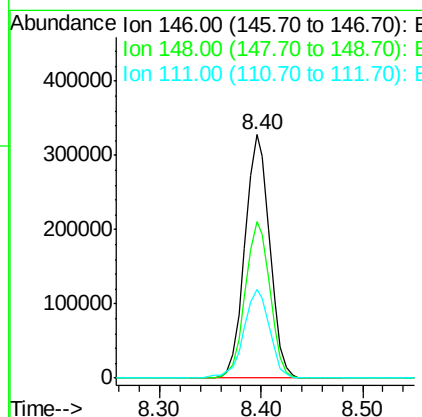
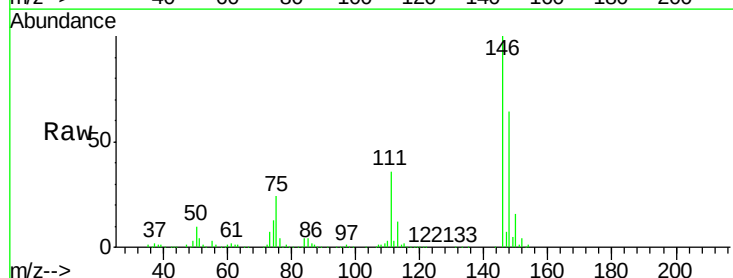
Manual Integrations
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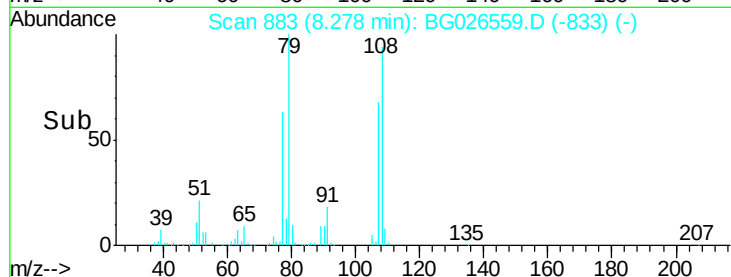
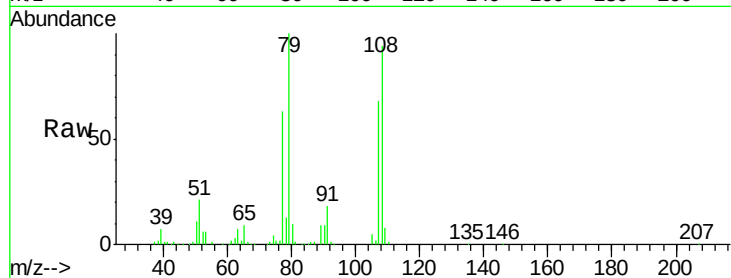
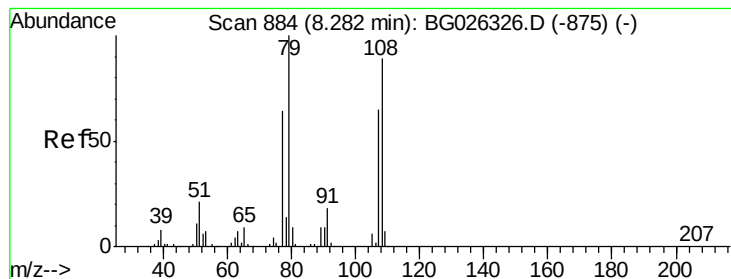
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#14
1,2-Dichlorobenzene
Concen: 43.61 ng/ml
RT: 8.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	54.6	81.8
111	36.4	39.7	59.5





#15

Benzyl Alcohol

Concen: 43.51 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tot Ion:	79	Resp:	375434
Ion Ratio	Lower	Upper	
79	100		
108	93.8	45.5	68.3#
77	63.1	54.3	81.5

Instrument :

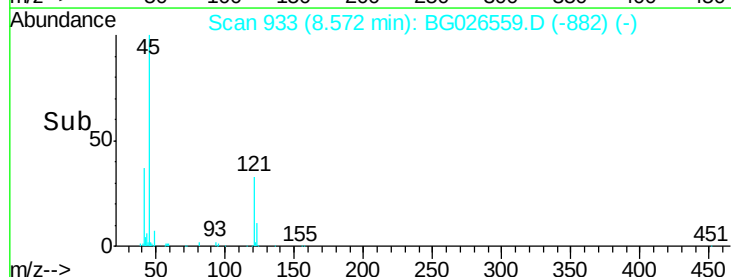
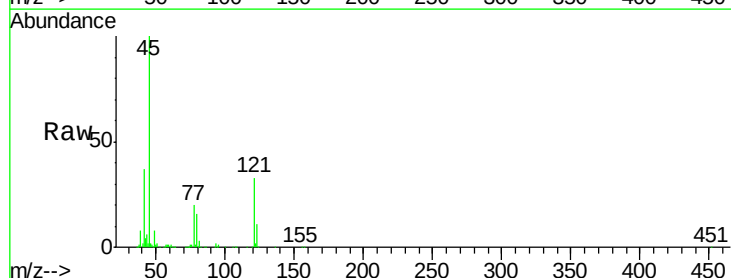
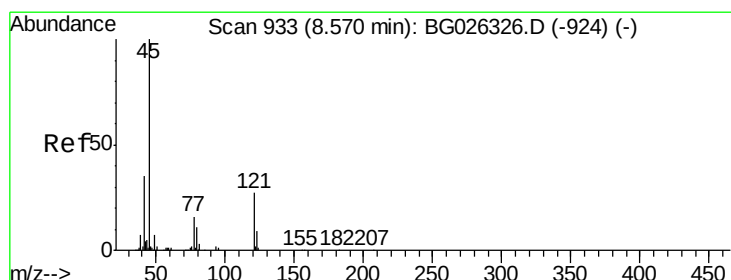
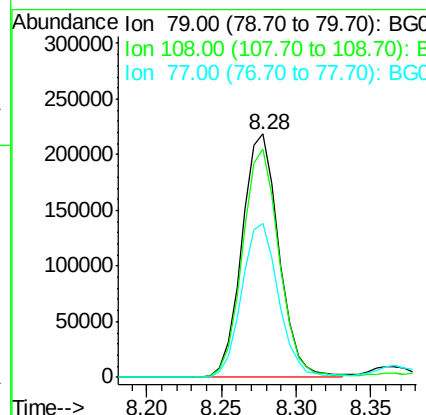
BNA_G

ClientSampled :

PB98073BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.18 ng

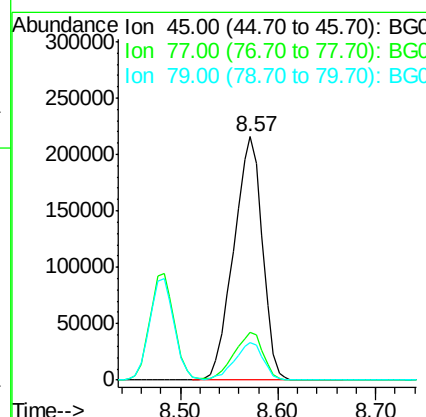
RT: 8.57 min Scan# 933

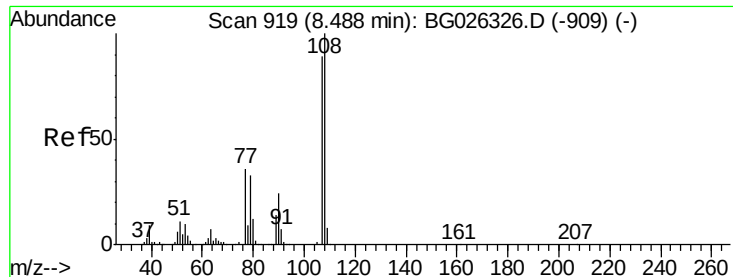
Delta R.T. 0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion:	45	Resp:	437138
Ion Ratio	Lower	Upper	
45	100		
77	19.8	0.0	30.6
79	15.6	0.0	28.5





#17

2-Methylphenol

Concen: 44.16 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

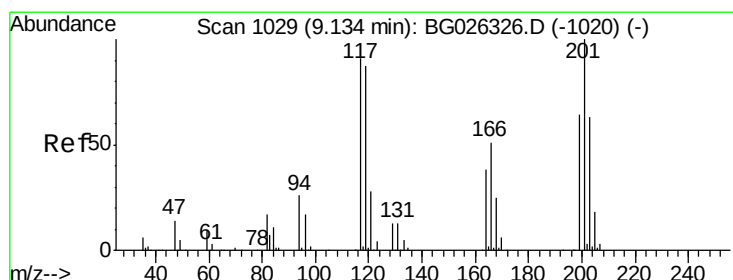
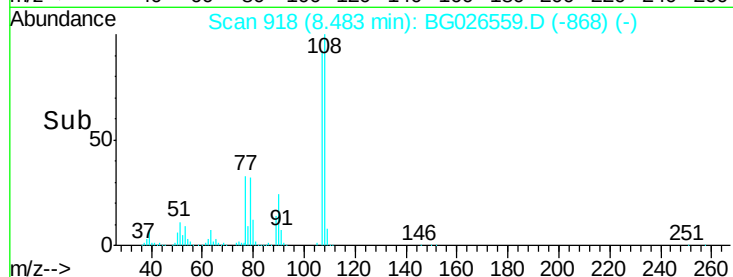
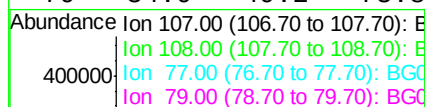
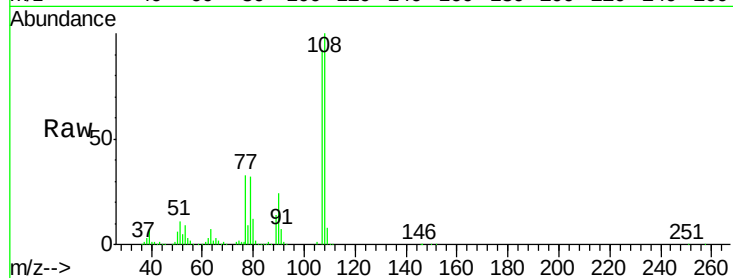
ClientSampleId :

PB98073BS

Tot Ion:	107	Resp:	440406
Ion Ratio	Lower	Upper	
107	100		
108	109.0	85.6	128.4
77	36.3	51.4	77.2#
79	34.9	49.2	73.8#

Manual Integrations
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#18

Hexachloroethane

Concen: 41.73 ng

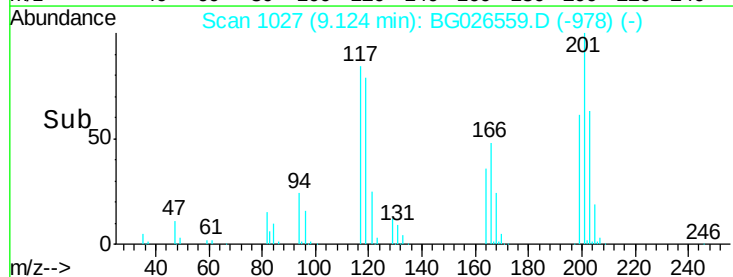
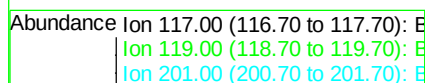
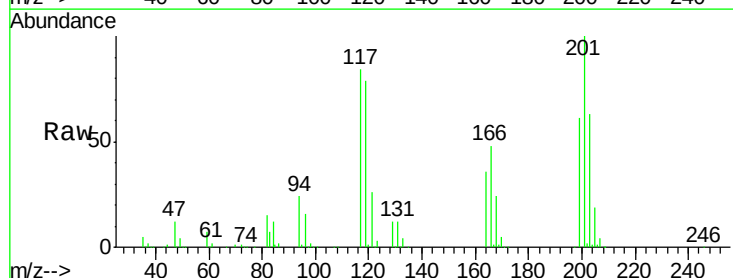
RT: 9.12 min Scan# 1027

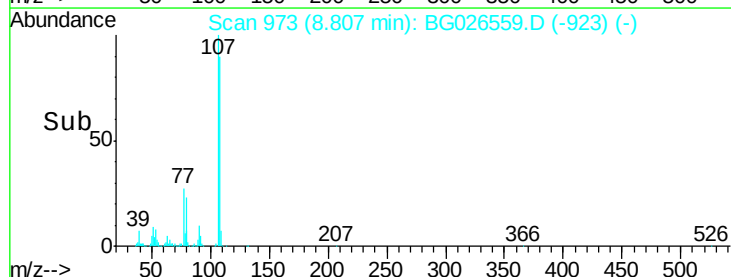
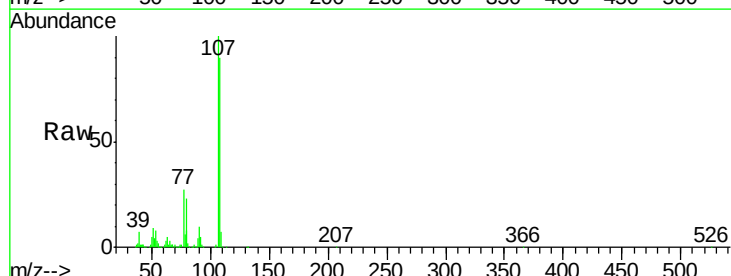
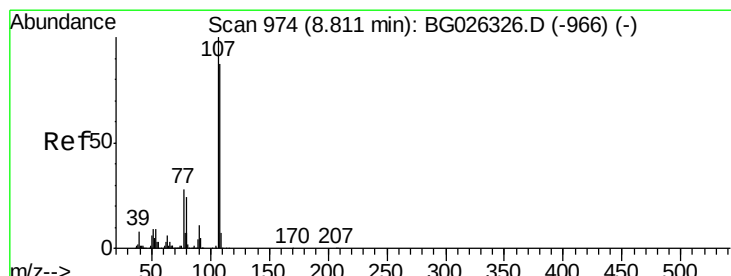
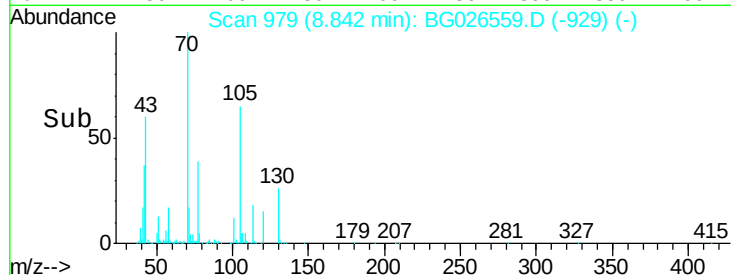
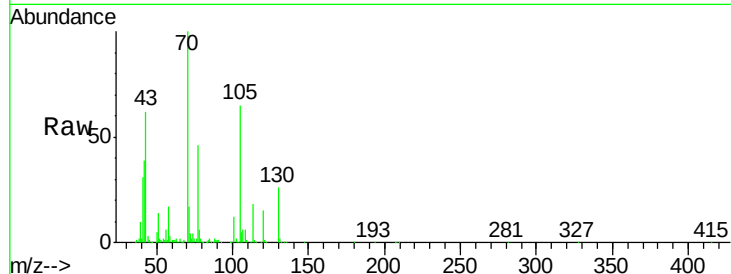
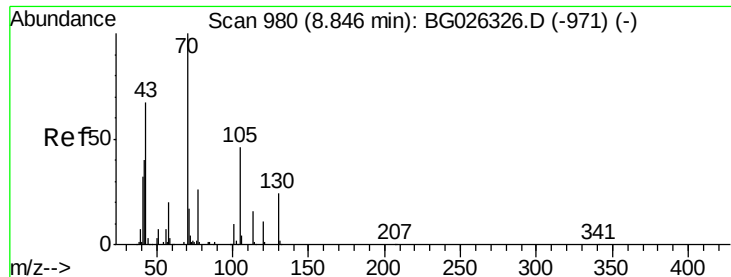
Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion:	117	Resp:	181399
Ion Ratio	Lower	Upper	
117	100		
119	94.4	69.8	104.6
201	118.8	95.4	143.0





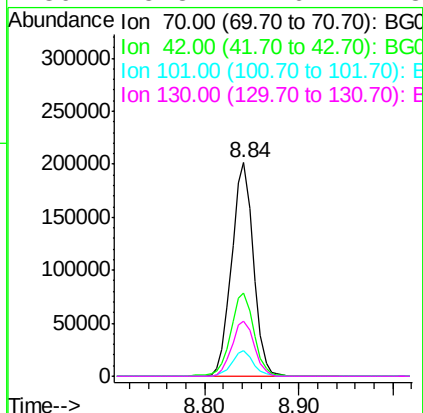
#19
n-Nitroso-di-n-propylamine
Concen: 38.08 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.9	56.1	84.1#
101	12.0	7.5	11.3#
130	25.8	14.6	21.8#

Instrument :
BNA_G
ClientSampleId :
PB98073BS

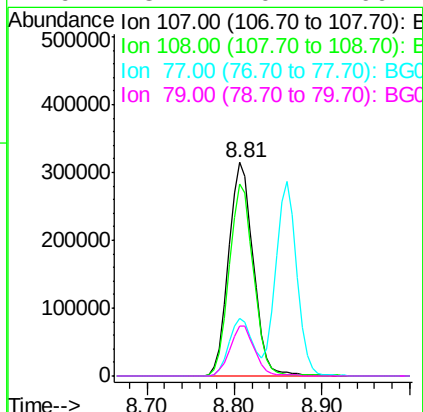
Manual Integrations
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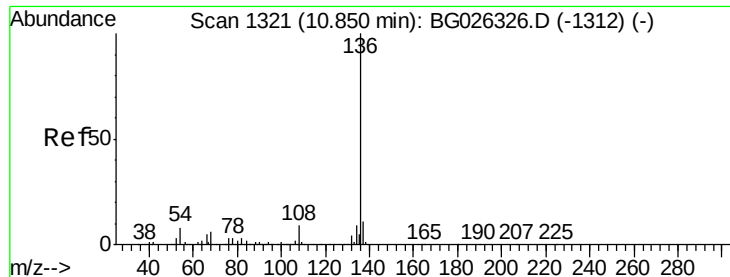
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#20
3+4-Methylphenols
Concen: 43.81 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.8	110.8
77	26.9	25.8	65.8
79	23.1	20.1	60.1





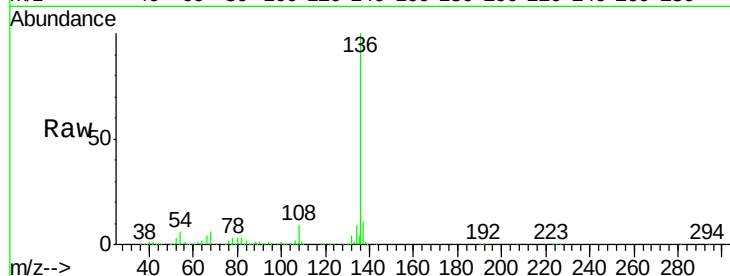
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	710804		
137	11.4	8.9	13.3	
54	6.5	9.3	13.9	
68	5.7	5.1	7.7	

Manual Integrations
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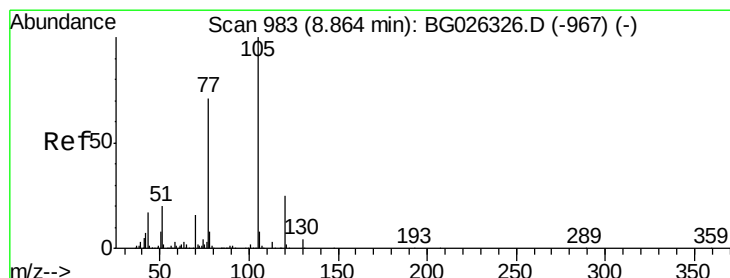
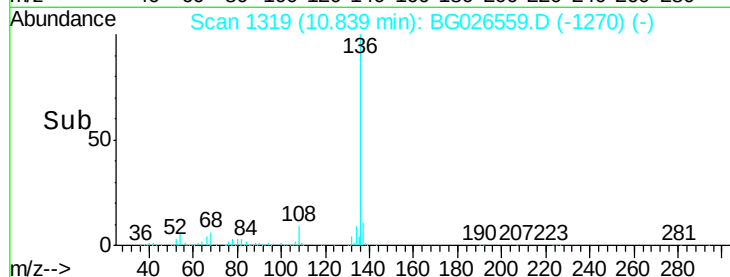
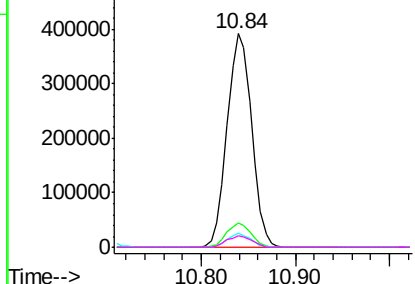
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 43.22 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	706480		
71	1.8	0.9	1.3	
51	19.2	34.0	51.0	
120	25.9	17.3	25.9	

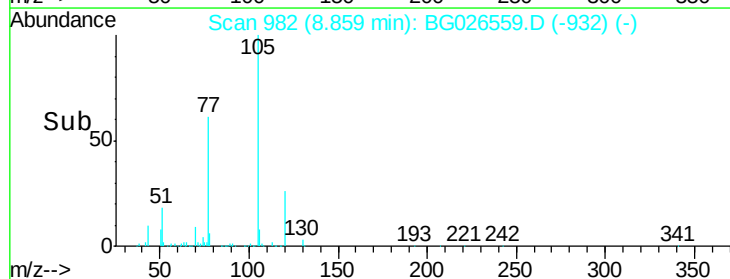
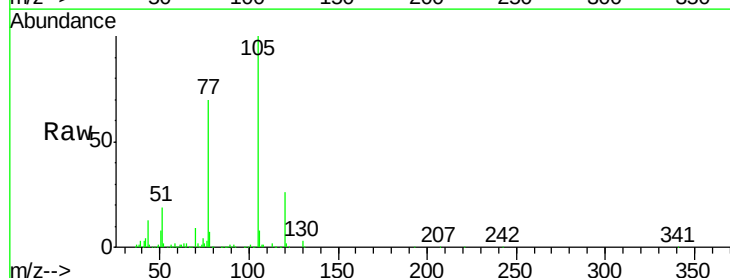
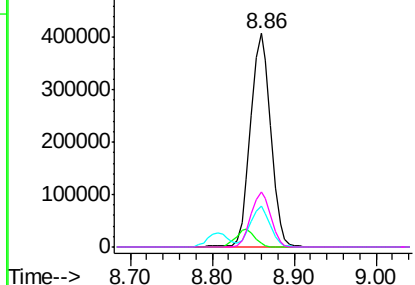
Abundance

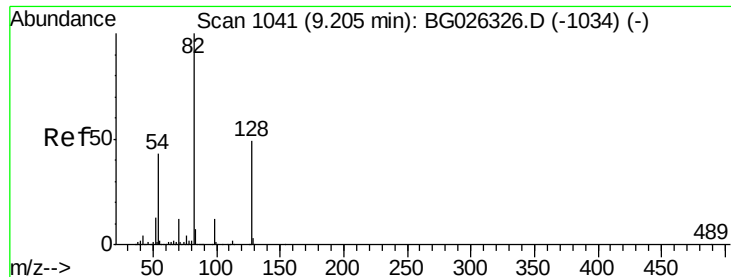
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





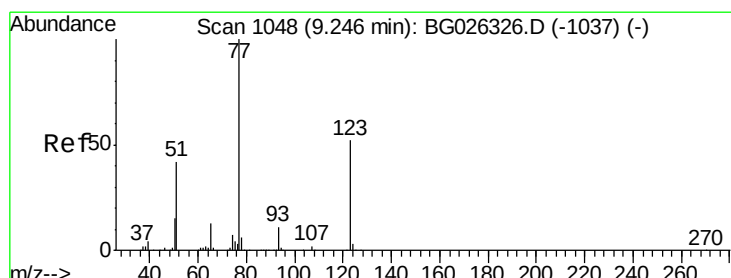
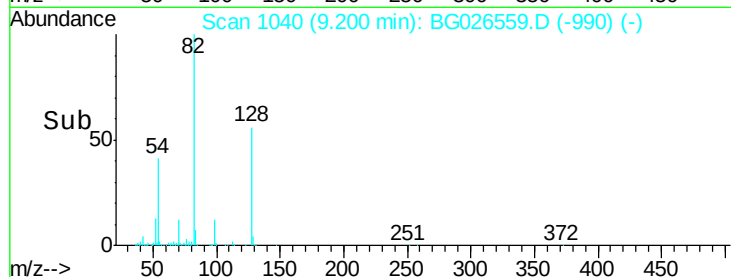
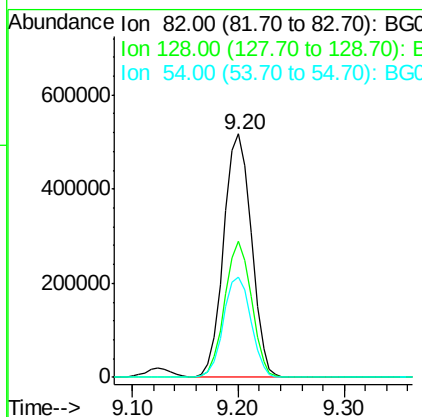
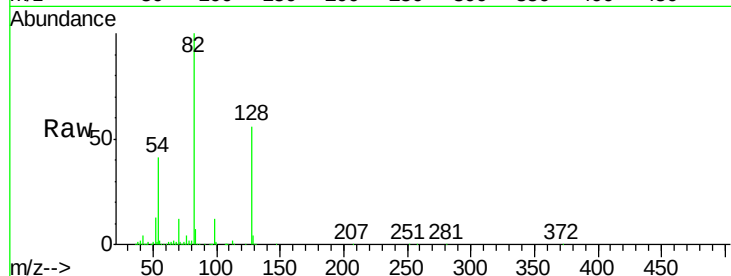
#23
Nitrobenzene-d5
Concen: 79.58 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	82	Resp	940798
Ion	Ratio	Lower	Upper
82	100		
128	56.0	26.4	39.6#
54	41.3	49.4	74.2#

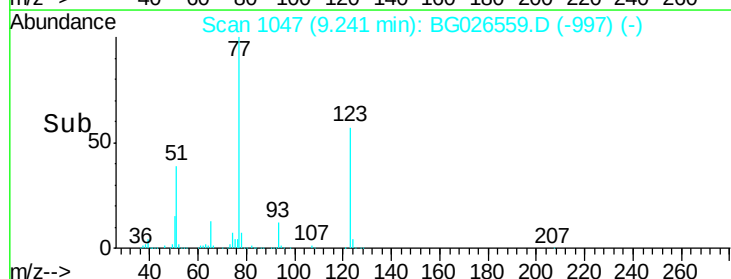
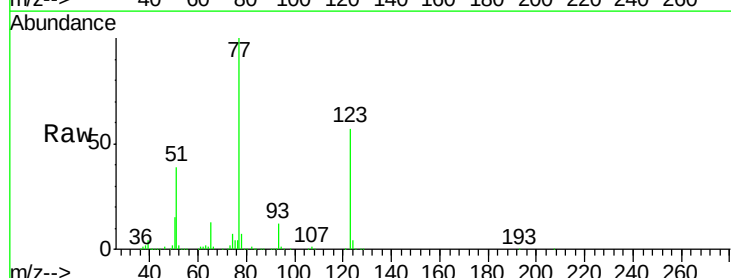
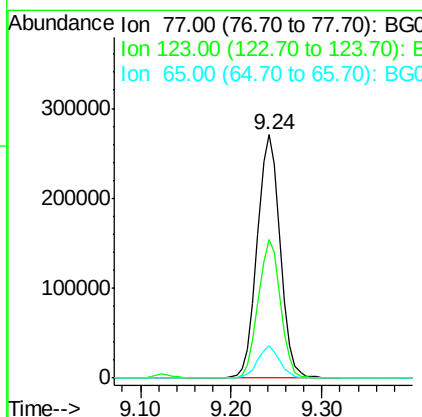
Manual Integrations
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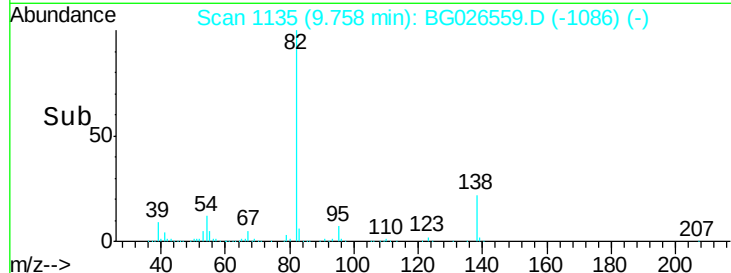
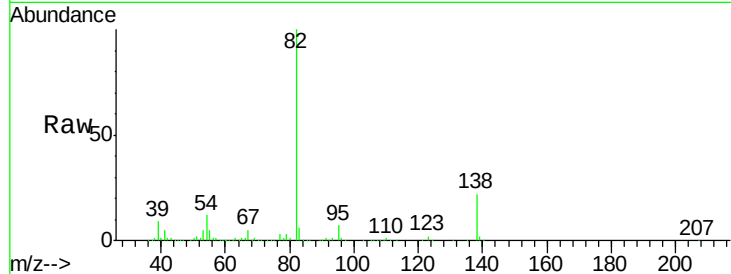
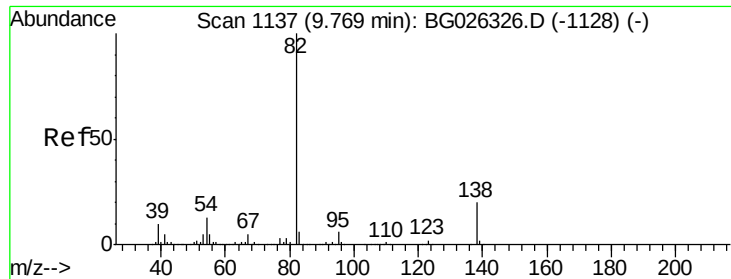
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#24
Nitrobenzene
Concen: 40.67 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	77	Resp	474747
Ion	Ratio	Lower	Upper
77	100		
123	57.0	26.1	39.1#
65	13.2	12.4	18.6





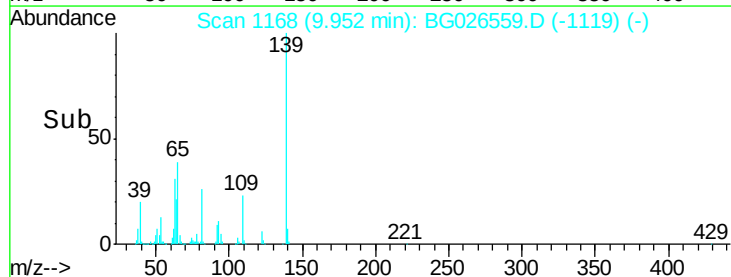
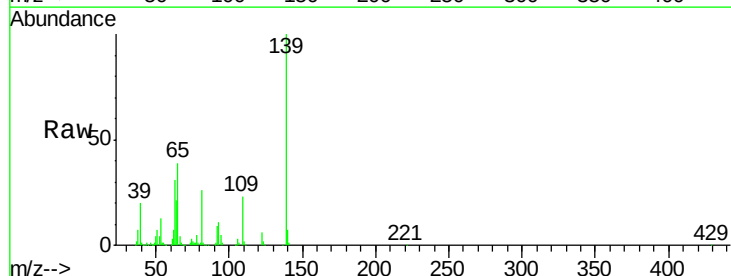
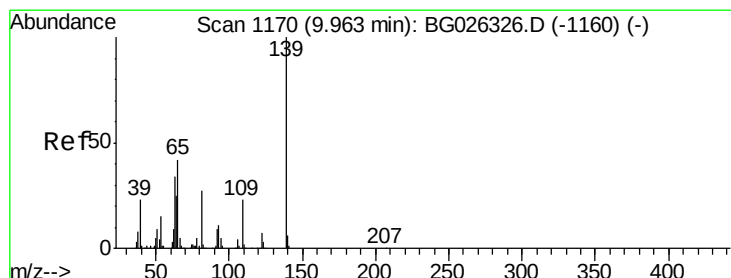
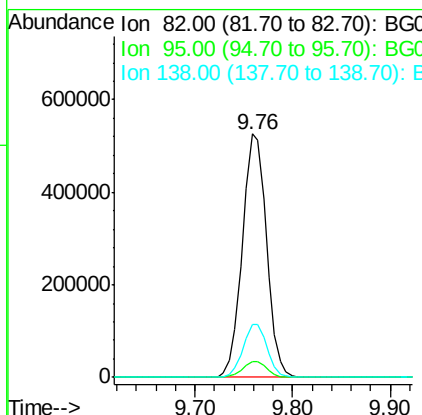
#25
Isophorone
Concen: 41.03 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tot Ion	82	Resp	914144
Ion Ratio	100	Lower	Upper
82	100		
95	6.7	7.5	11.3#
138	21.7	12.3	18.5#

Instrument :
BNA_G
ClientSampleId :
PB98073BS

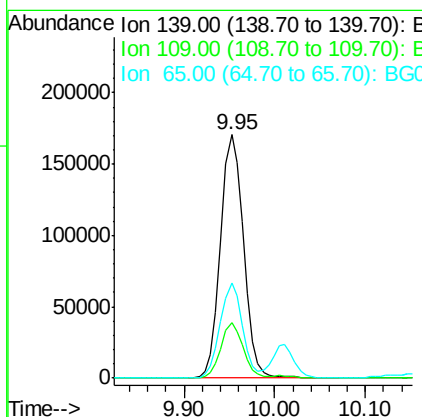
Manual Integrations
APPROVED

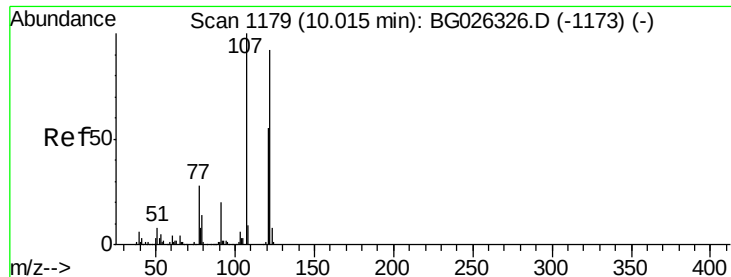
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#26
2-Nitrophenol
Concen: 49.50 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	139	Resp	300633
Ion Ratio	100	Lower	Upper
139	100		
109	22.7	38.6	58.0#
65	39.1	57.1	85.7#





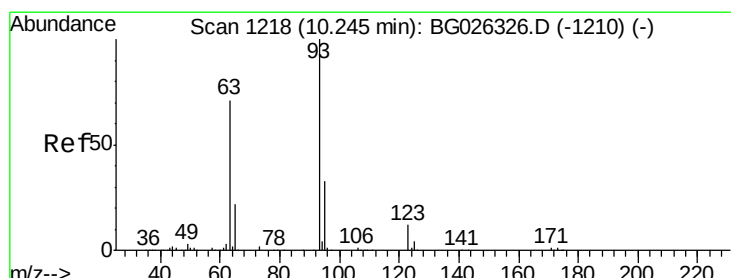
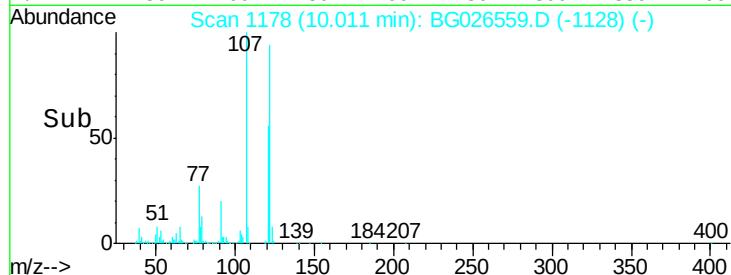
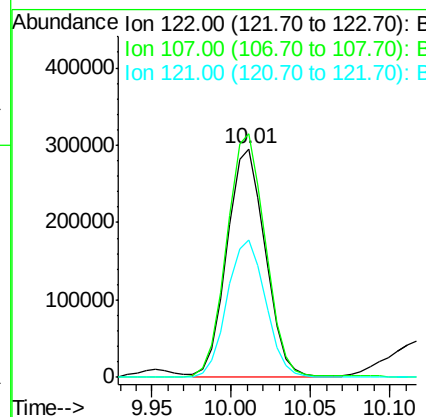
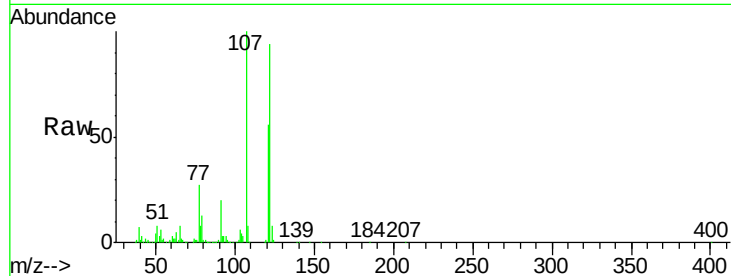
#27
2,4-Dimethylphenol
Concen: 49.44 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.6	104.2	156.4
121	60.2	46.0	69.0

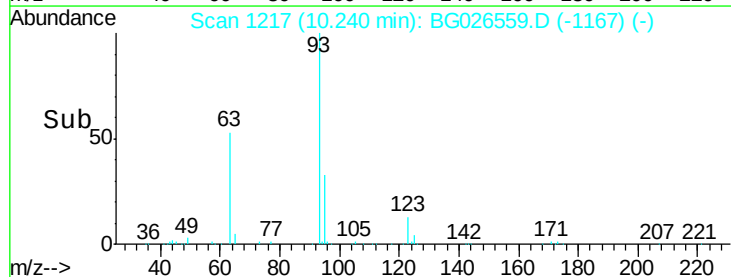
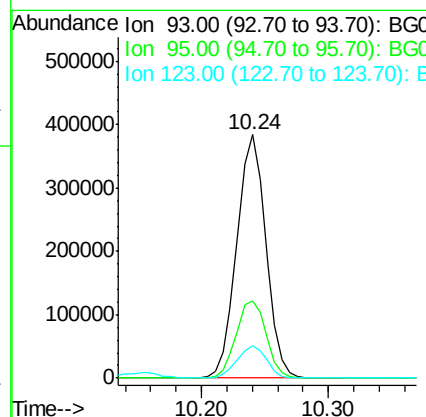
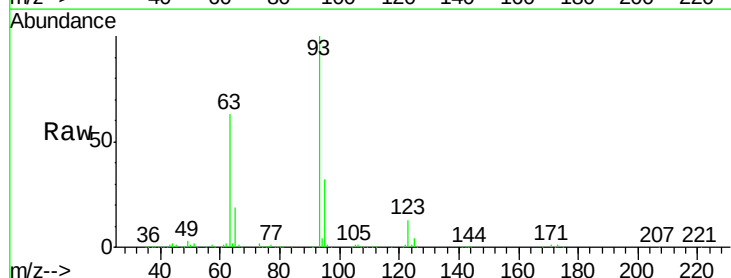
Manual Integrations
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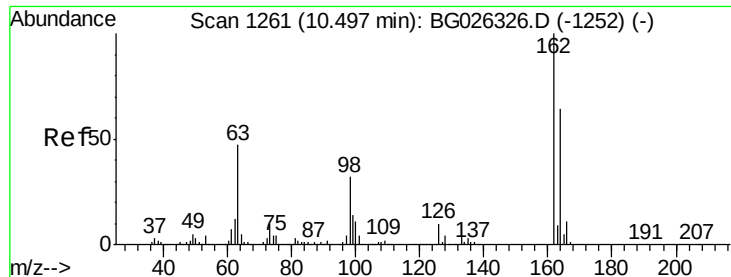
mohammad
4/6/2017 3:42:18 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.08 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	13.2	8.3	12.5#





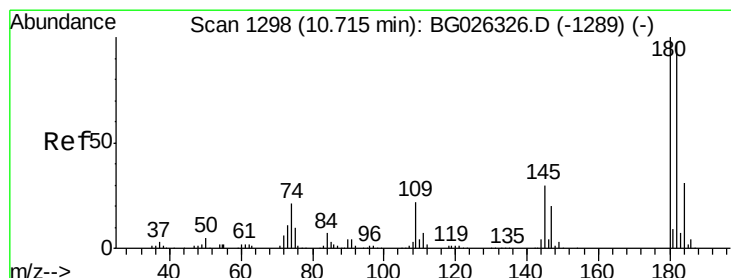
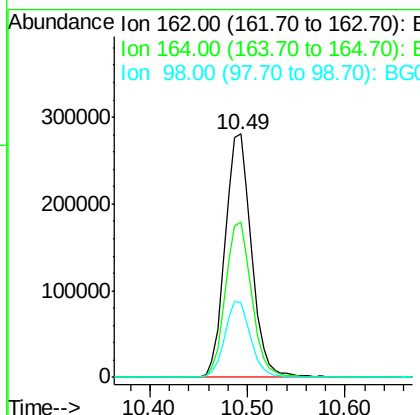
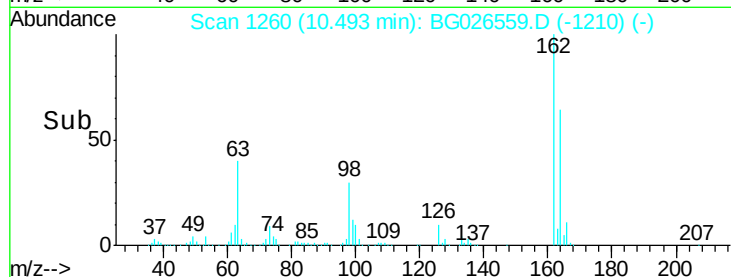
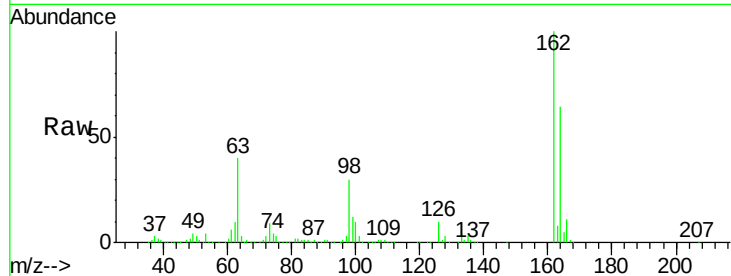
#29
 2,4-Dichlorophenol
 Concen: 51.88 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion:	162	Resp:	523097
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.4	82.4
98	30.5	20.3	60.3

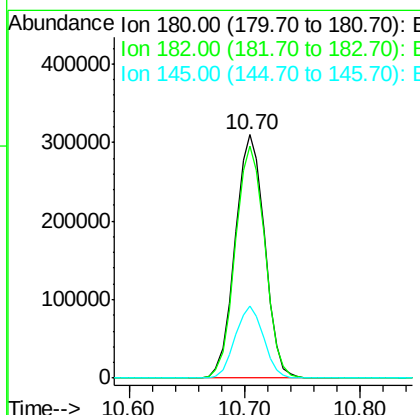
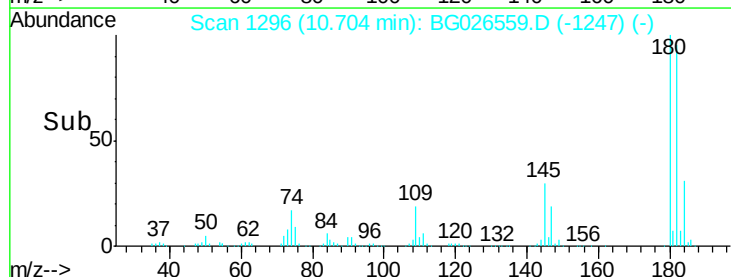
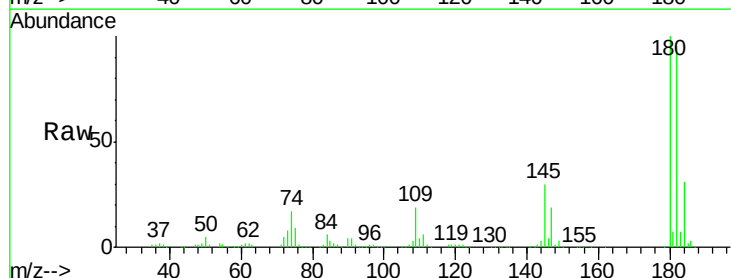
Manual Integrations
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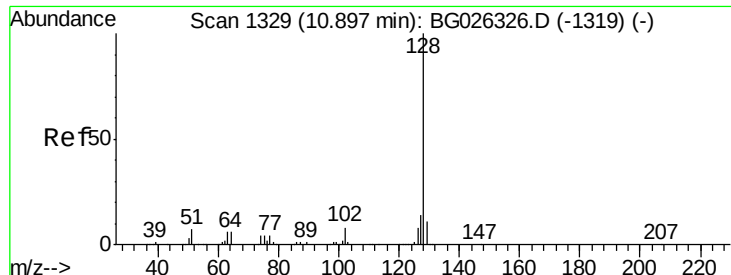
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.17 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion:	180	Resp:	545535
Ion Ratio	Lower	Upper	
180	100		
182	95.4	77.0	115.4
145	29.7	23.4	35.0





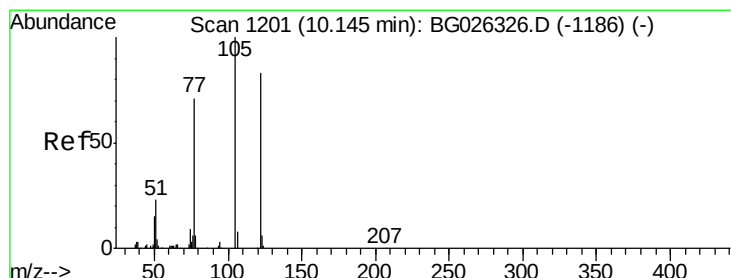
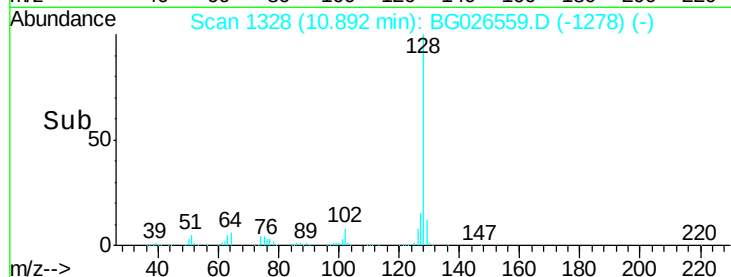
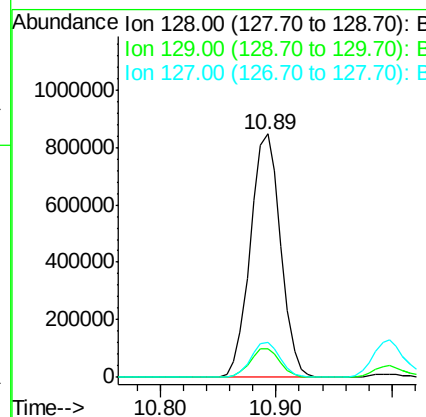
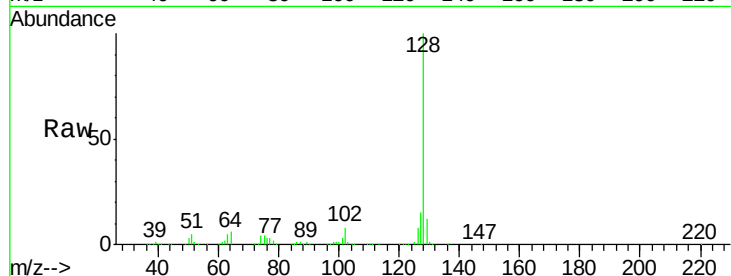
#31
Naphthalene
Concen: 42.99 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion:128 Resp: 1545170
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.5 11.4 17.0

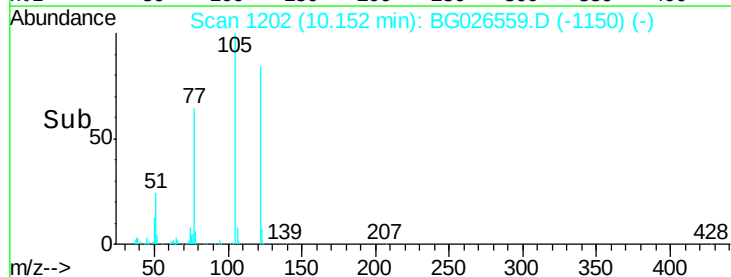
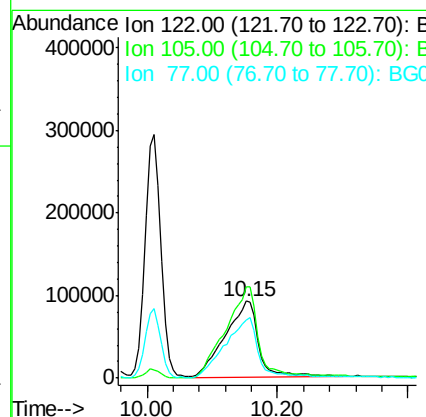
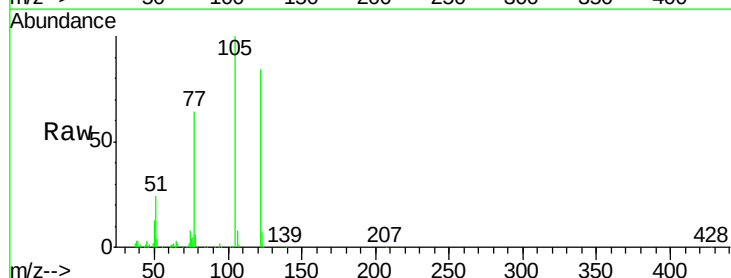
Manual Integrations
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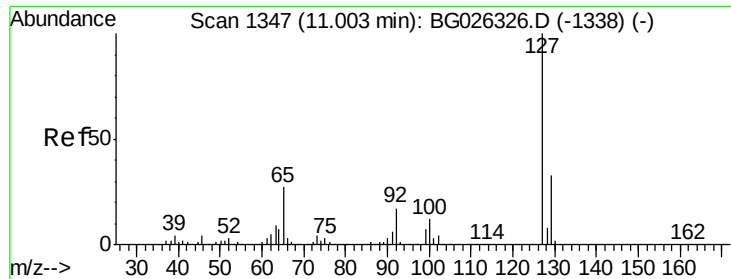
mohammad
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#32
Benzoic acid
Concen: 42.78 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:122 Resp: 328138
Ion Ratio Lower Upper
122 100
105 118.4 120.1 160.1#
77 75.8 104.6 144.6#





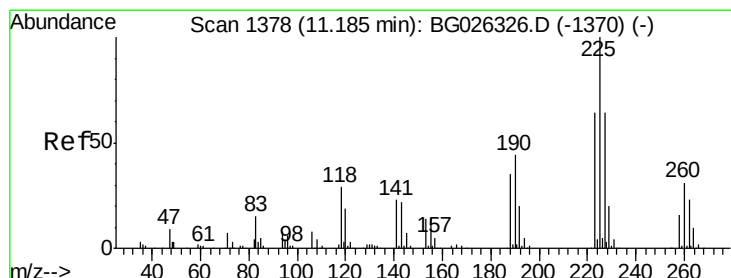
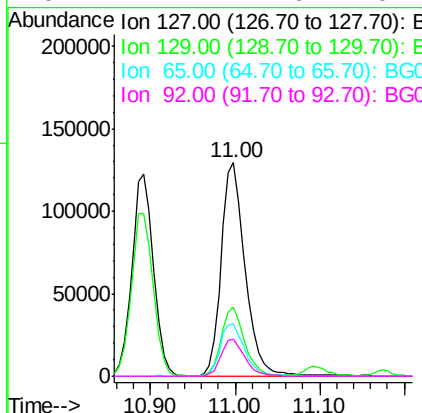
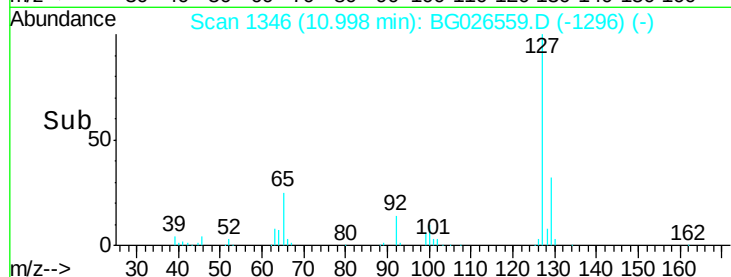
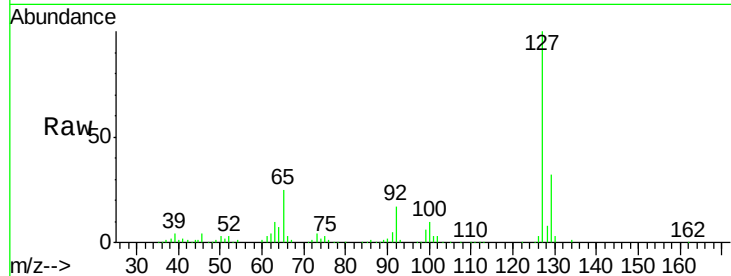
#33
4-Chloroaniline
Concen: 17.34 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	253495		
129	32.3	23.6	35.4	
65	24.8	37.7	56.5	
92	17.1	17.6	26.4	

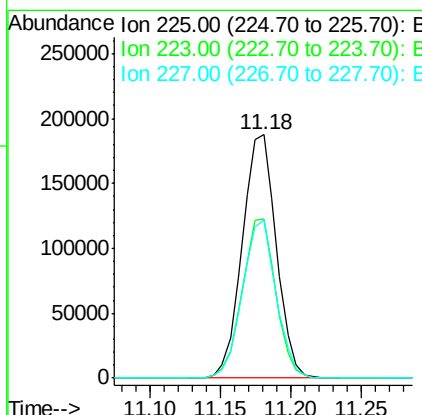
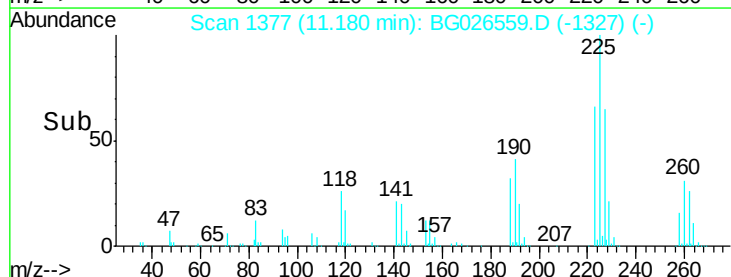
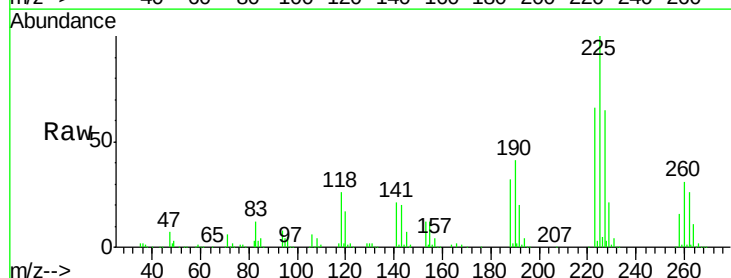
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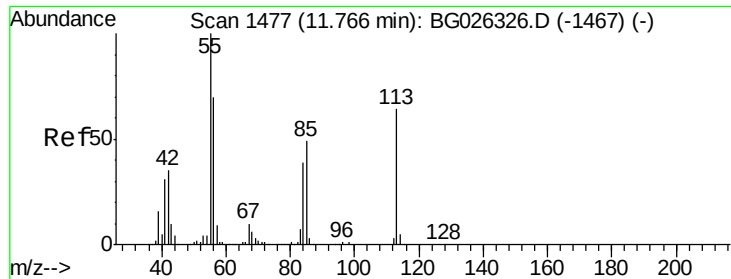
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#34
Hexachlorobutadiene
Concen: 47.31 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	316103		
223	65.6	50.7	76.1	
227	64.6	49.0	73.6	





#35

Caprolactam

Concen: 45.26 ng/ml

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

Tot Ion:113 Resp: 179782

Ion Ratio Lower Upper

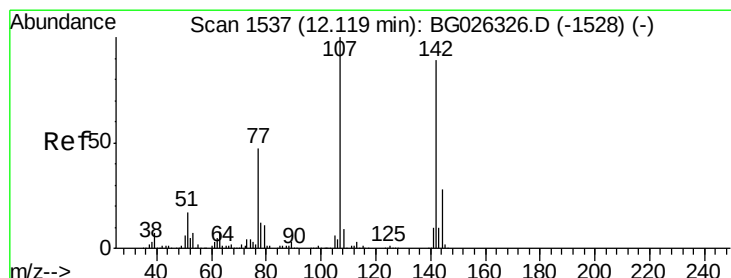
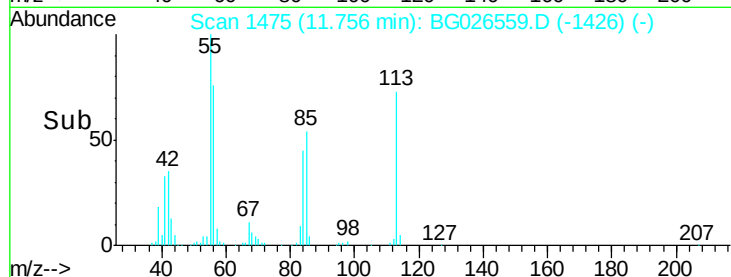
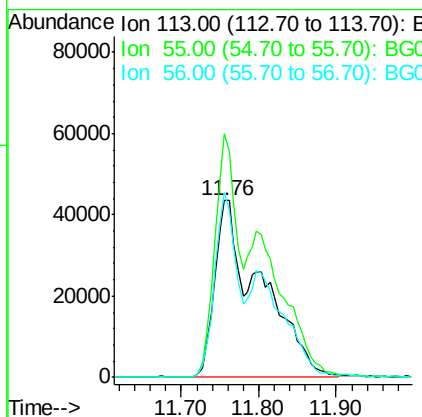
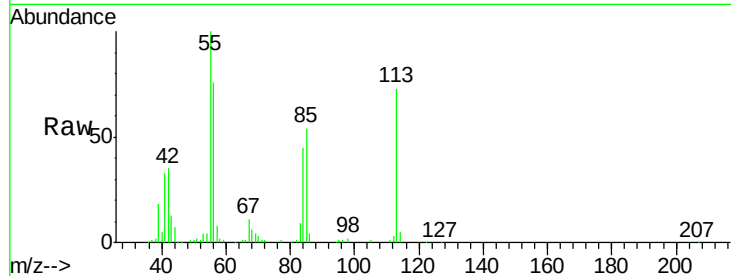
113 100

55 137.7 198.6 238.6#

56 104.8 140.4 180.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.85 ng/ml

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

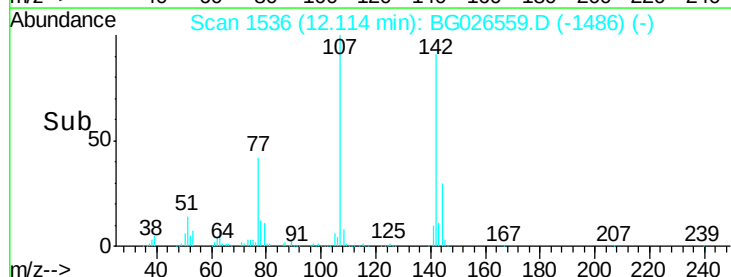
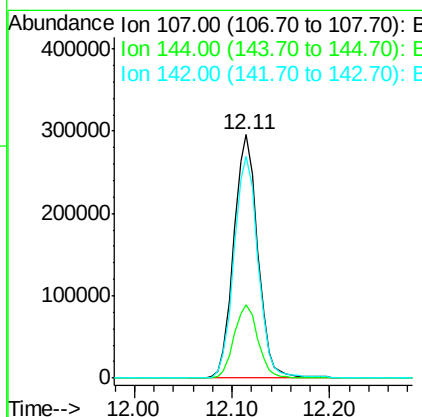
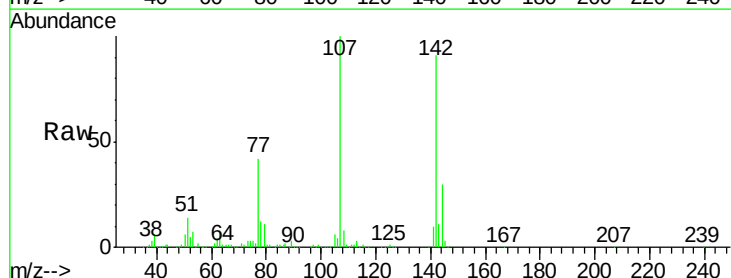
Tgt Ion:107 Resp: 505278

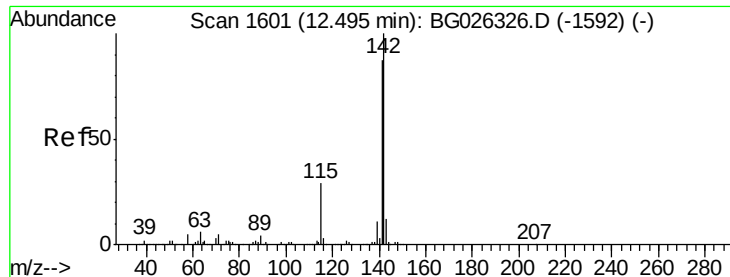
Ion Ratio Lower Upper

107 100

144 30.1 17.4 26.0#

142 91.0 54.1 81.1#





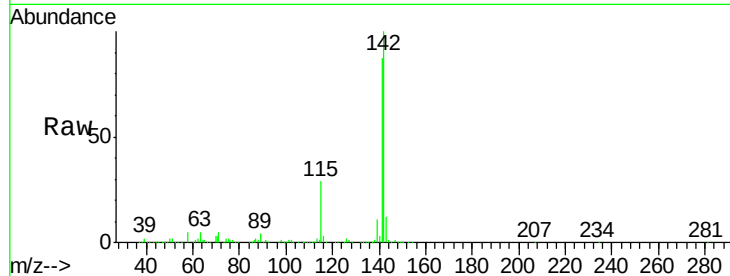
#37
2-Methylnaphthalene
Concen: 45.32 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

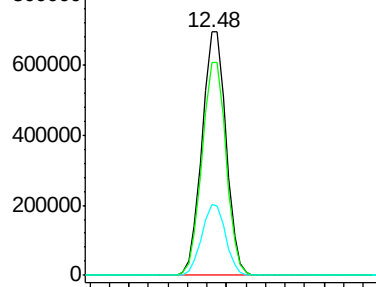
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	29.2	35.5	53.3

Manual Integrations
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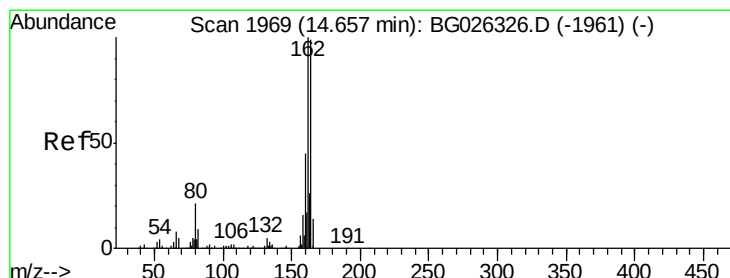
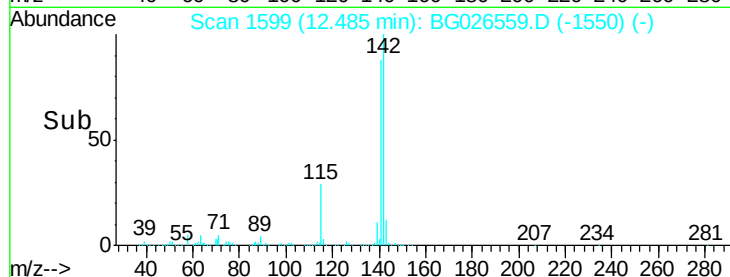
mohammad
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

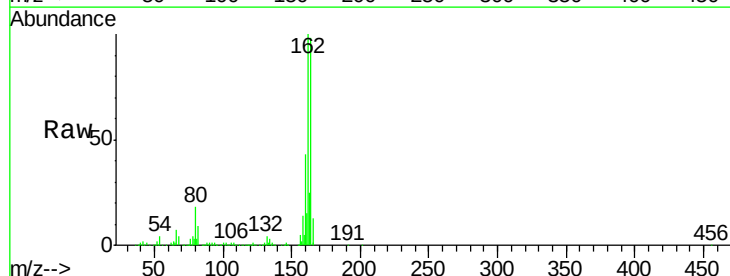


Time-->

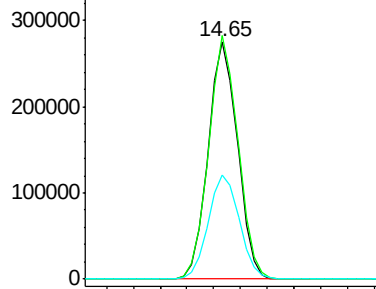


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

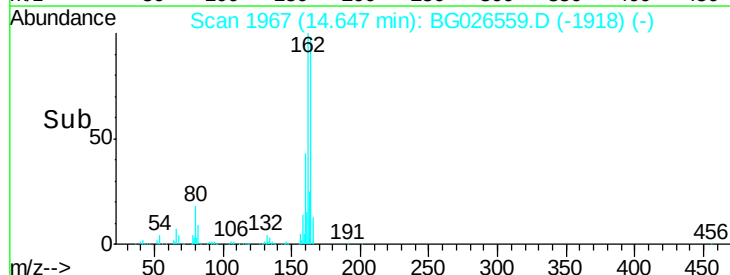
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.1	127.7
160	43.9	34.7	52.1

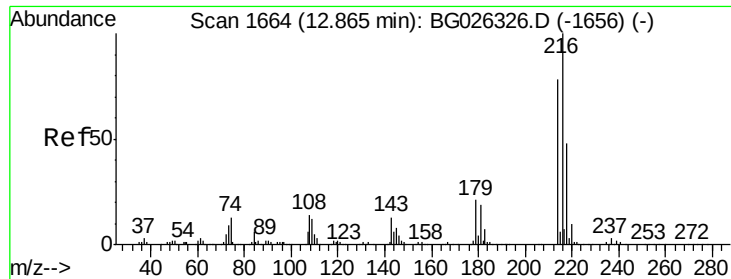


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





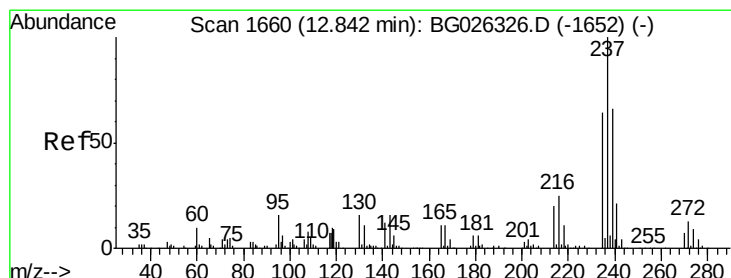
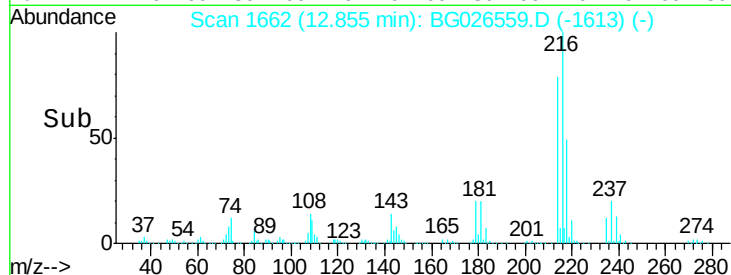
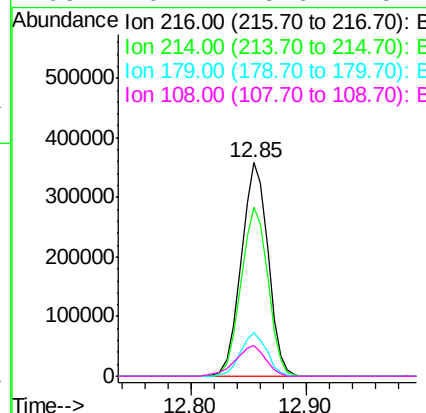
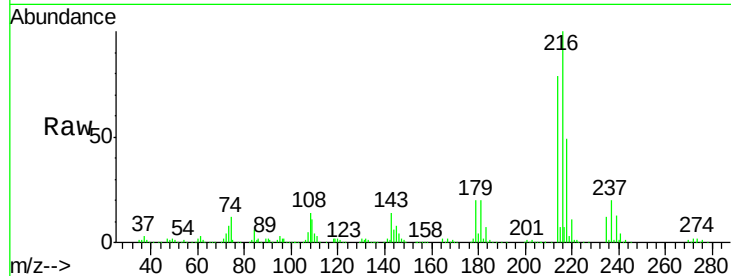
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.54 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		573165		
214	79.5	64.4	96.6		
179	20.0	17.4	26.0		
108	16.4	15.6	23.4		

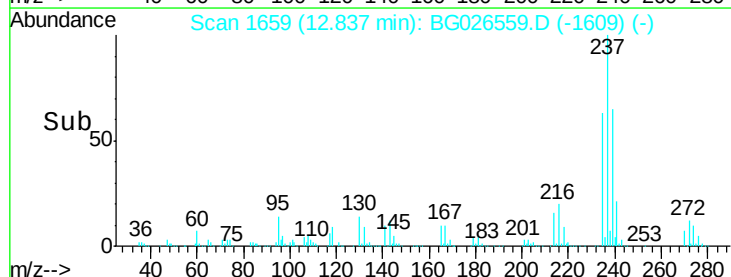
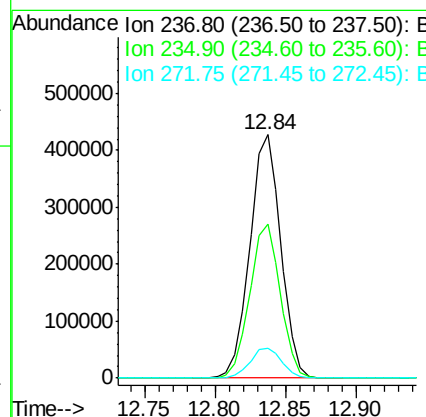
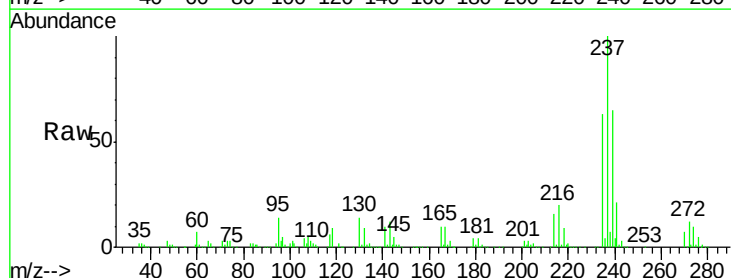
Manual Integrations
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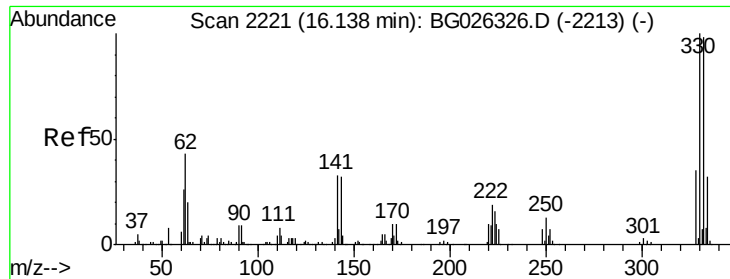
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#40
 Hexachlorocyclopentadiene
 Concen: 99.06 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		656272		
235	63.1	39.4	79.4		
272	12.2	0.0	32.0		





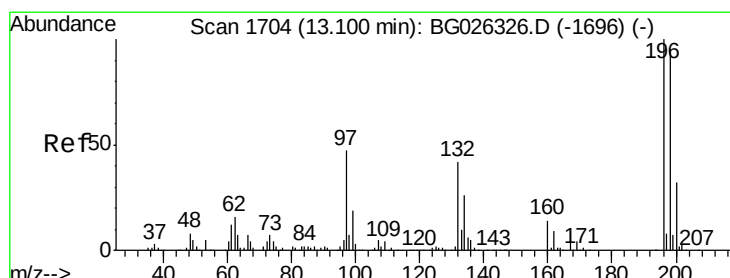
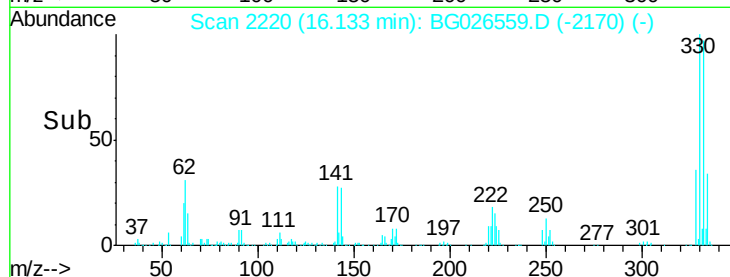
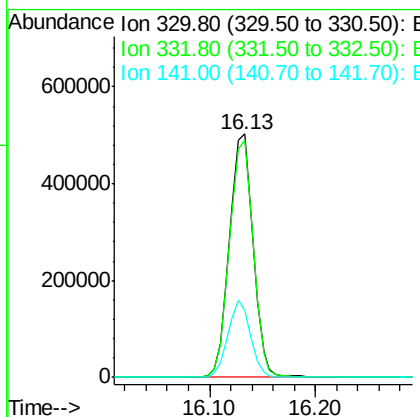
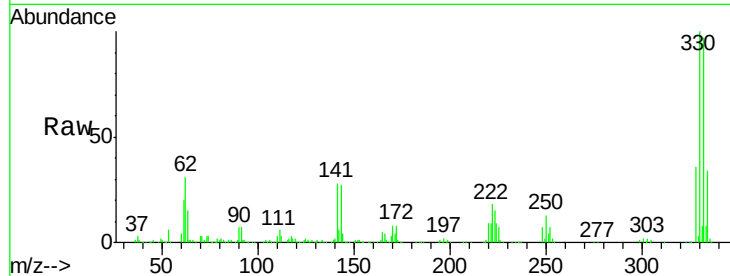
#41
 2,4,6-Tribromophenol
 Concen: 162.17 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	776886		
332	97.4		77.3	115.9
141	30.2		32.1	48.1#

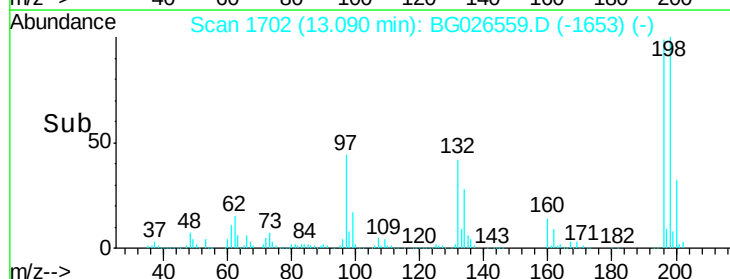
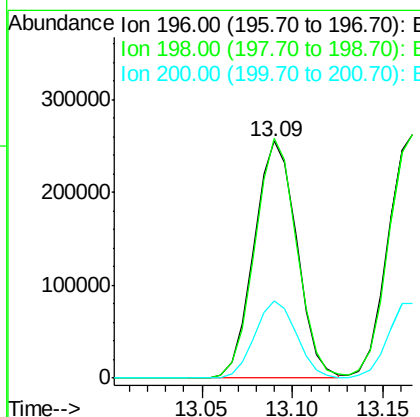
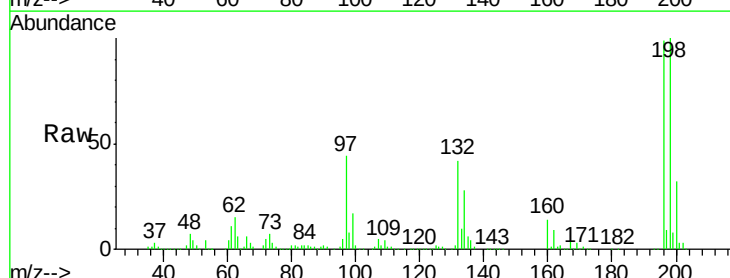
Manual Integrations
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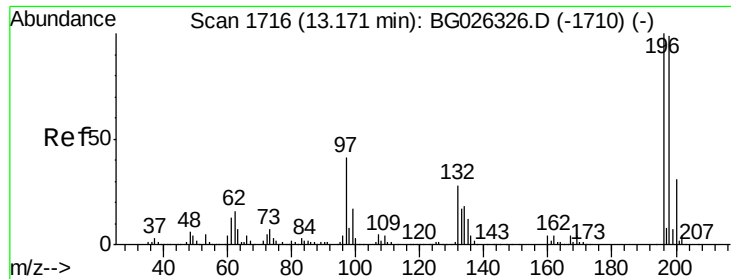
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#42
 2,4,6-Trichlorophenol
 Concen: 50.55 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	416614		
198	101.4		81.4	122.2
200	32.5		27.0	40.6





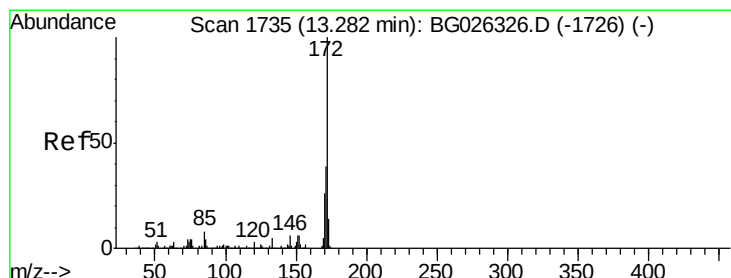
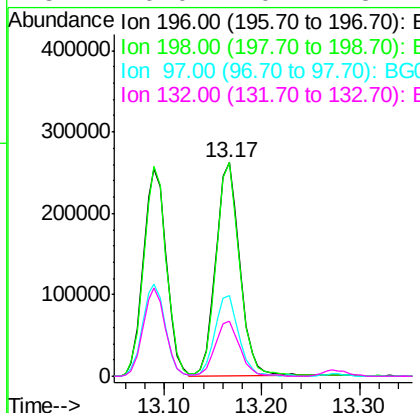
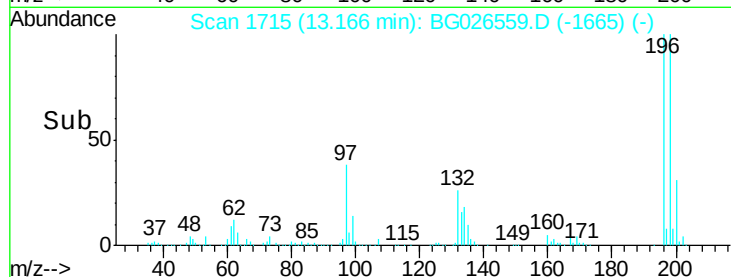
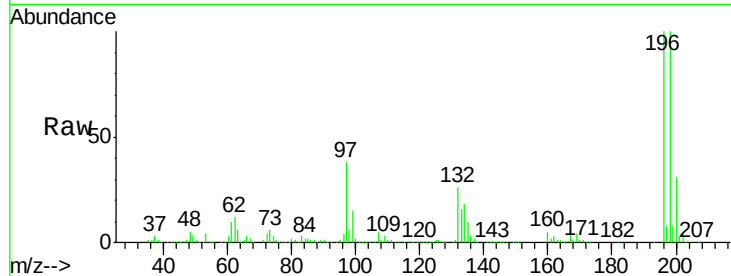
#43
 2,4,5-Trichlorophenol
 Concen: 48.82 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	444705		
198	100.1	79.9	119.9	
97	38.0	45.4	68.0	
132	26.0	20.7	31.1	

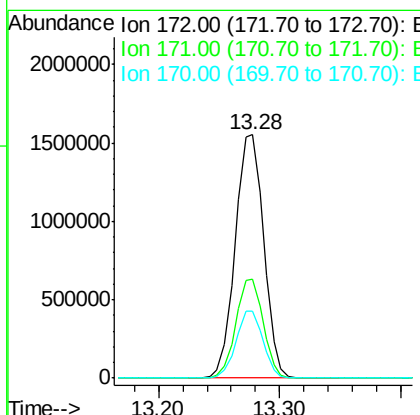
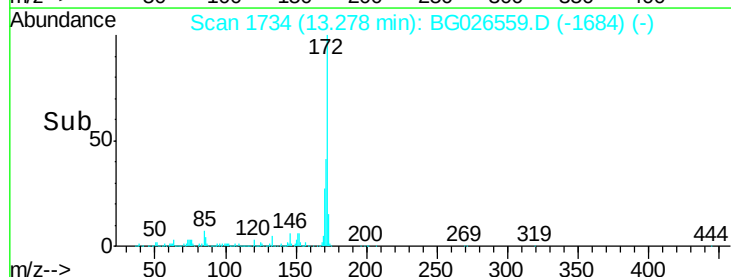
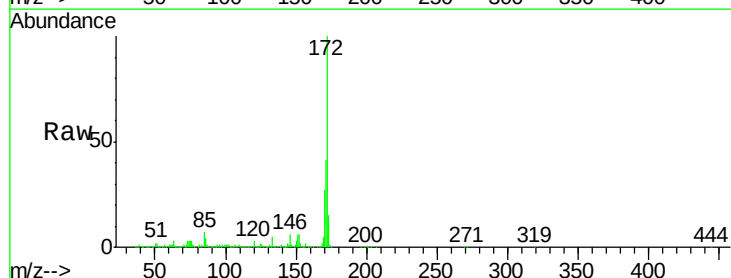
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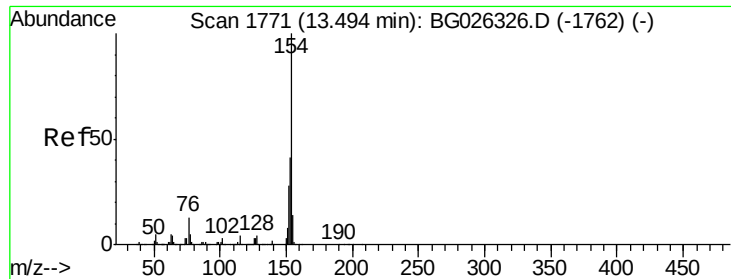
mohammad
 4/6/2017 3:42:18 PM



#44
 2-Fluorobiphenyl
 Concen: 85.65 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2554839		
171	40.8	32.2	48.2	
170	27.4	21.8	32.6	





#45

1,1'-Biphenyl

Concen: 43.66 ng

RT: 13.48 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

Tot Ion:154 Resp: 1512538

Ion Ratio Lower Upper

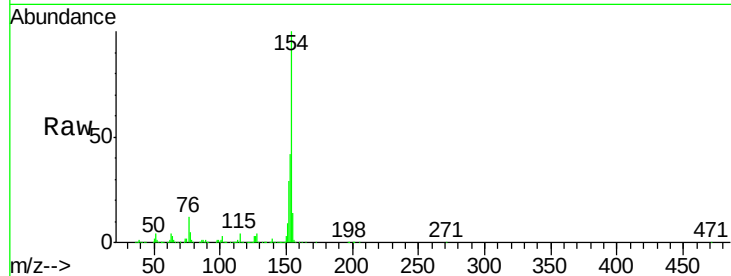
154 100

153 41.7 23.0 63.0

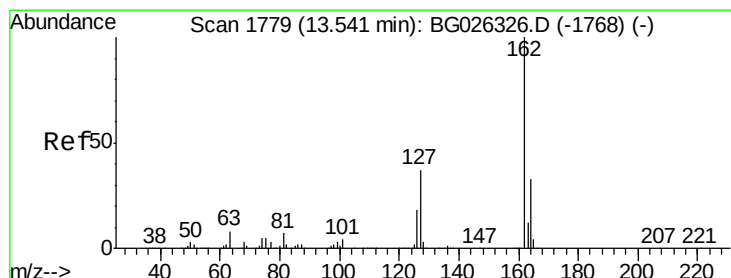
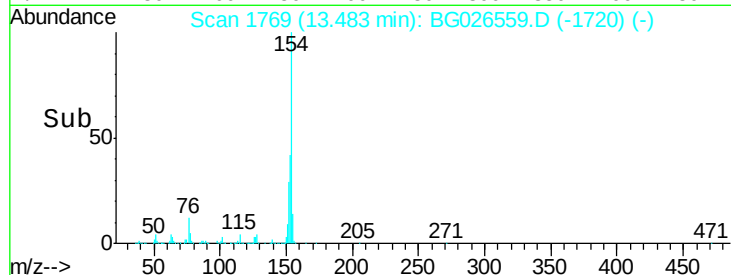
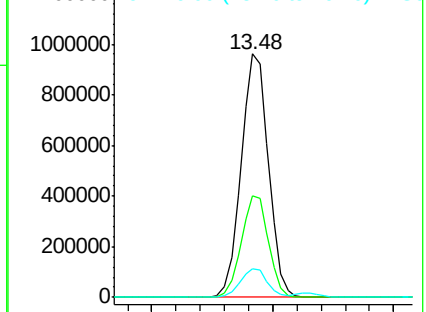
76 11.7 0.0 33.5

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



#46

2-Chloronaphthalene

Concen: 45.21 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

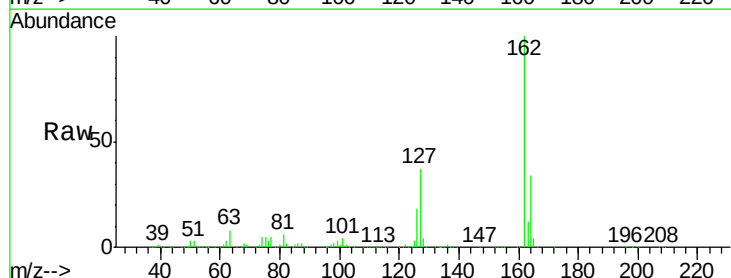
Tgt Ion:162 Resp: 1144048

Ion Ratio Lower Upper

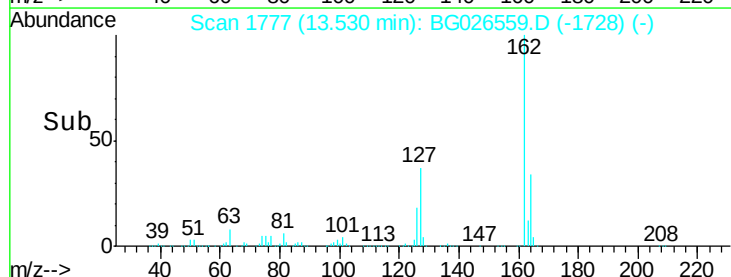
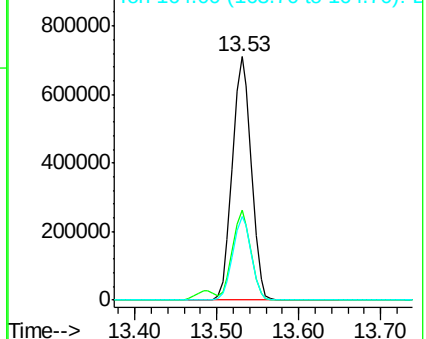
162 100

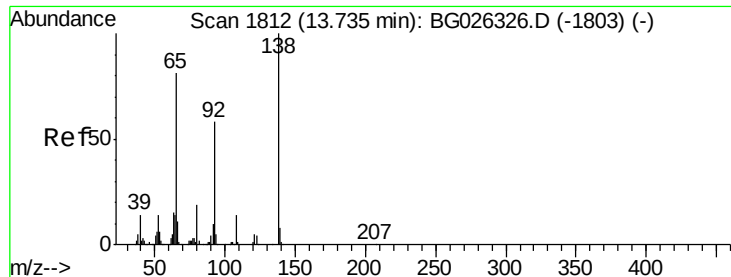
127 36.9 32.2 48.4

164 34.4 27.3 40.9



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





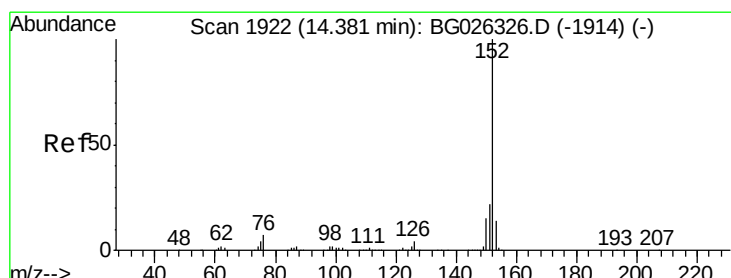
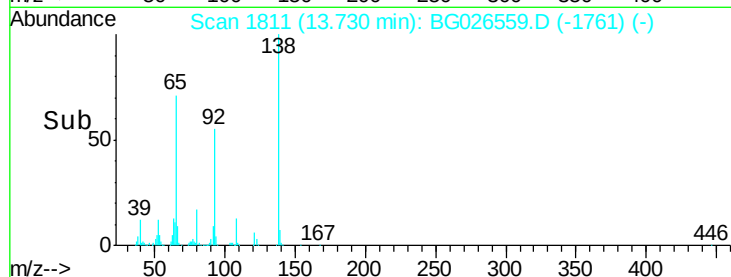
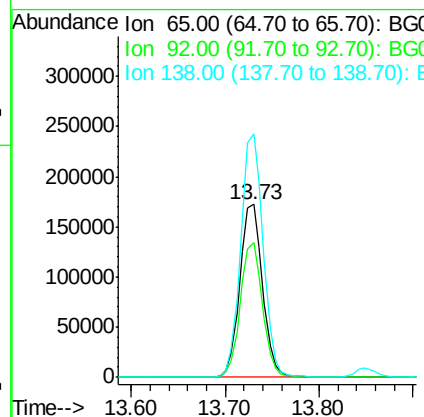
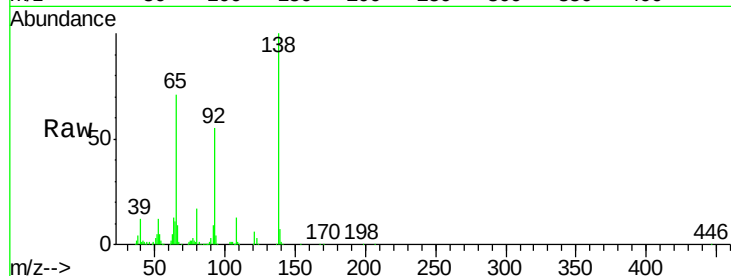
#47
2-Nitroaniline
Concen: 40.27 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.2	49.0	73.4#
138	141.0	58.6	87.8#

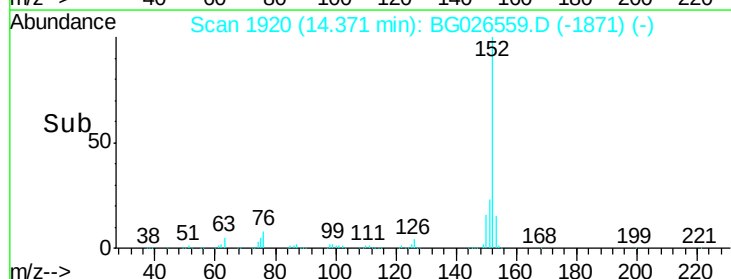
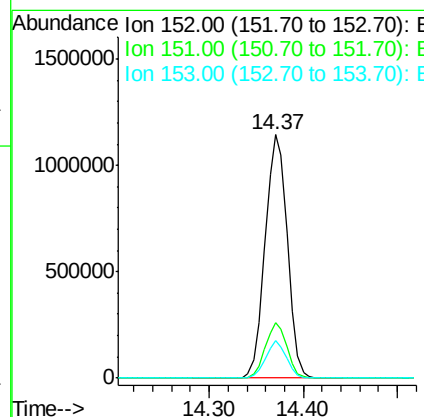
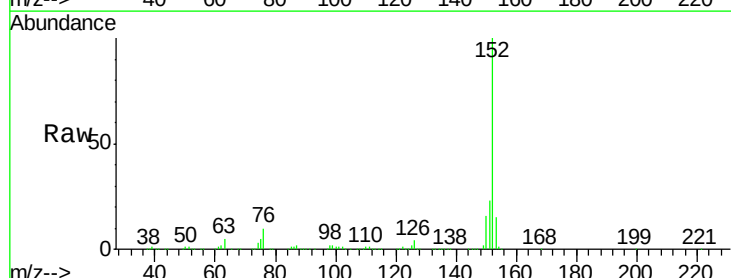
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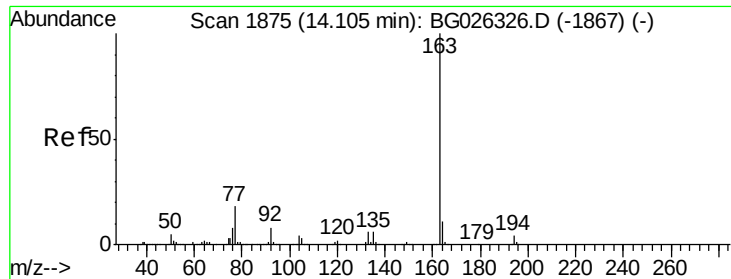
mohammad
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#48
Acenaphthylene
Concen: 42.23 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	18.2	27.2
153	15.2	11.3	16.9





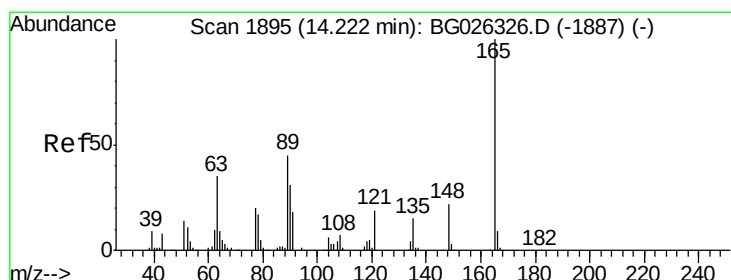
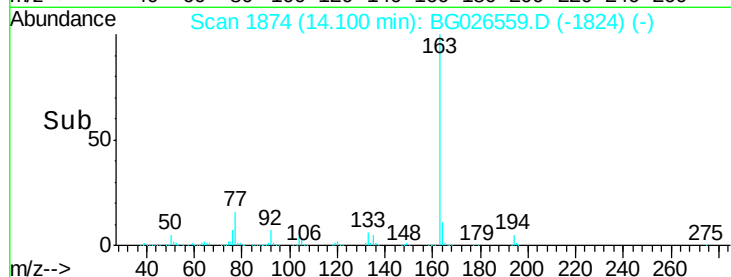
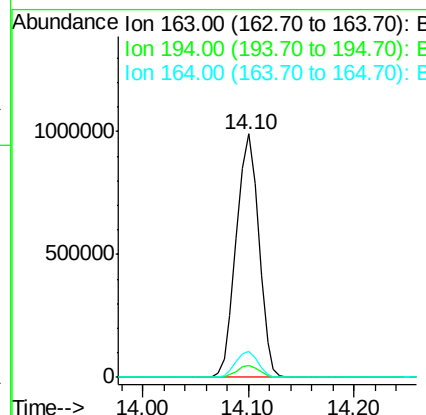
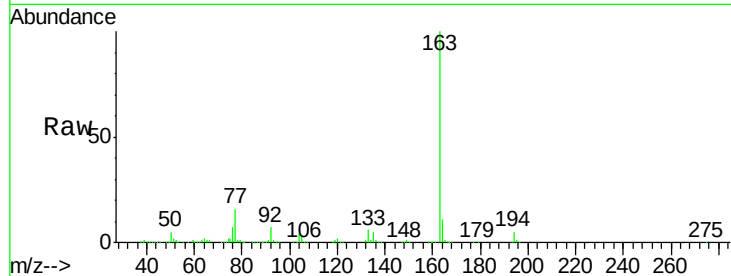
#49
Dimethylphthalate
Concen: 46.31 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.6
164	10.5	9.3	13.9

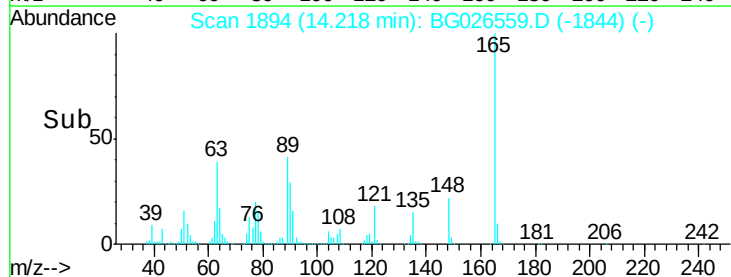
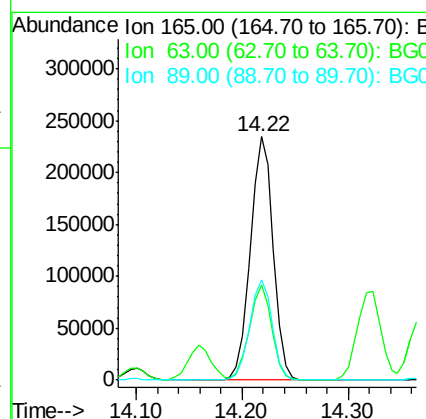
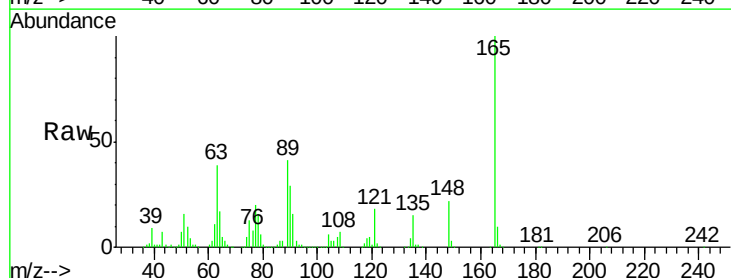
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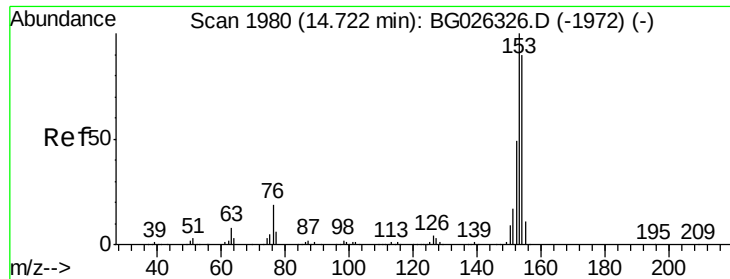
mohammad
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#50
2,6-Dinitrotoluene
Concen: 47.72 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.8	63.9	95.9#
89	41.2	58.6	88.0#





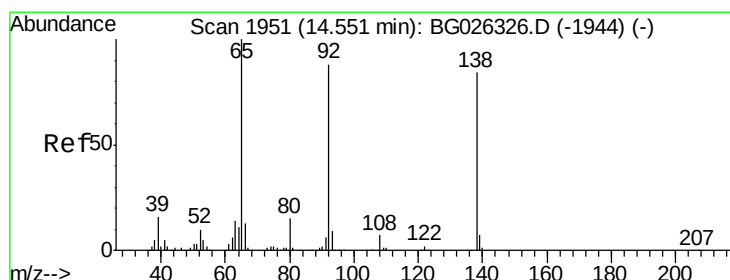
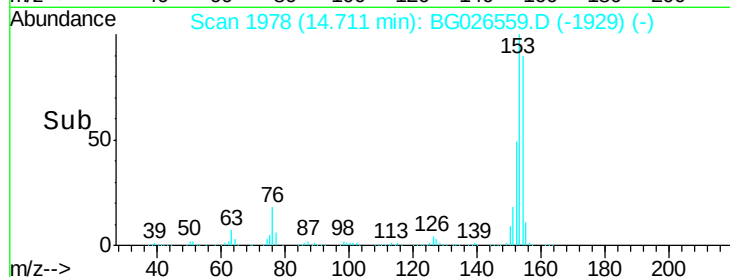
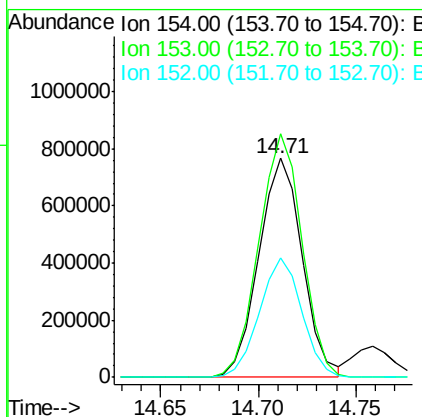
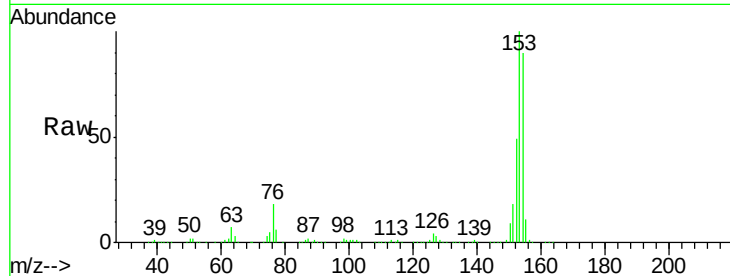
#51
Acenaphthene
Concen: 43.48 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion:154 Resp: 1181099
Ion Ratio Lower Upper
154 100
153 111.2 87.8 131.6
152 54.6 42.2 63.4

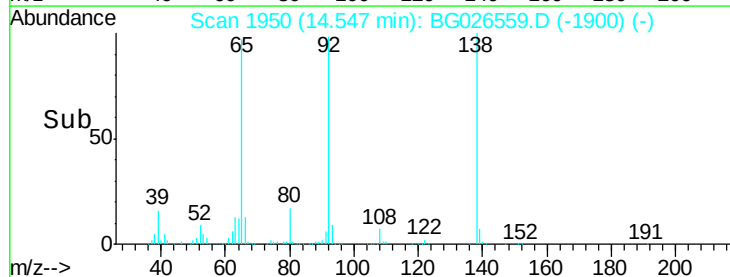
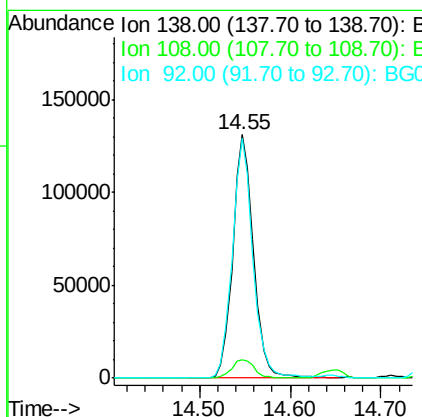
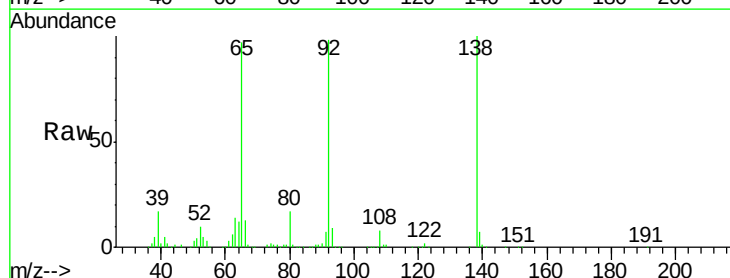
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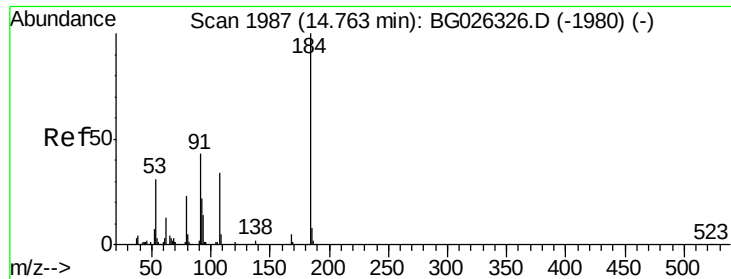
mohammad
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#52
3-Nitroaniline
Concen: 25.70 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:138 Resp: 208521
Ion Ratio Lower Upper
138 100
108 7.6 10.9 16.3#
92 98.2 115.3 172.9#





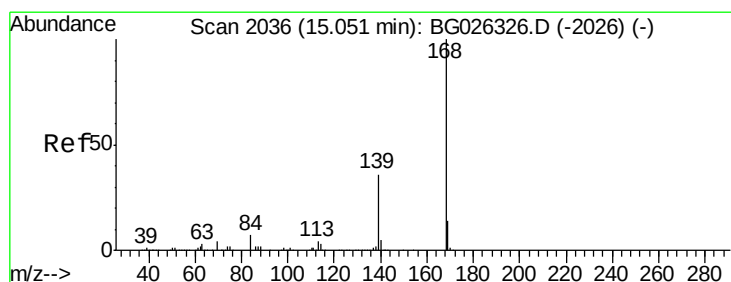
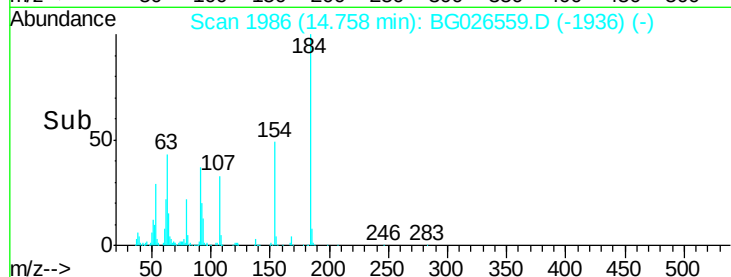
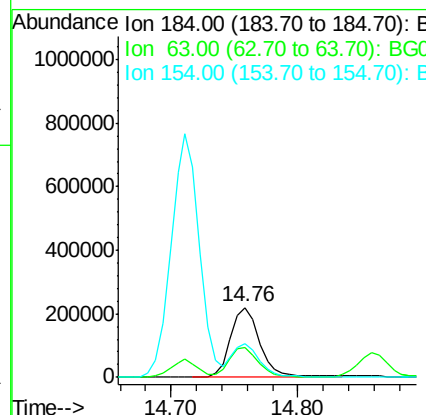
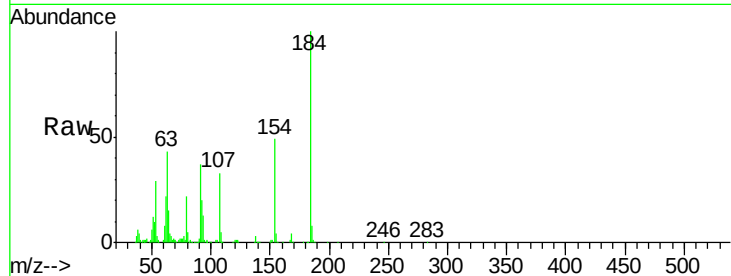
#53
2,4-Dinitrophenol
Concen: 83.10 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.3	52.7	79.1#
154	49.1	57.3	85.9#

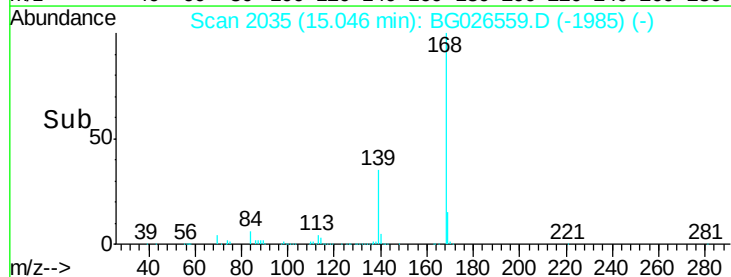
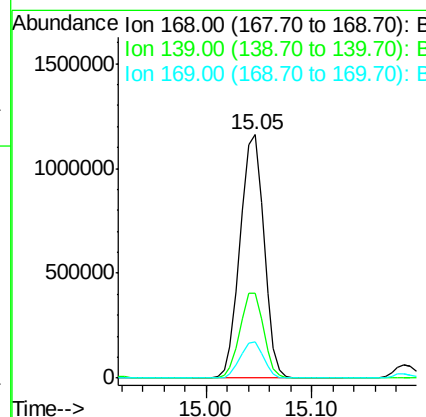
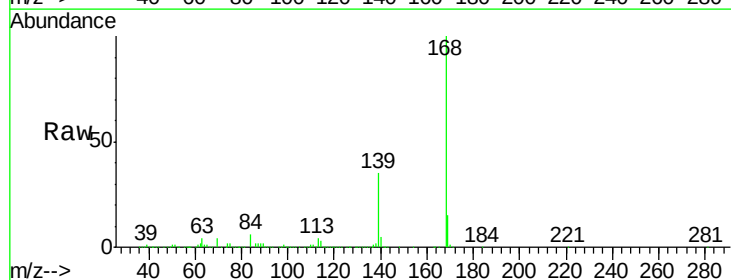
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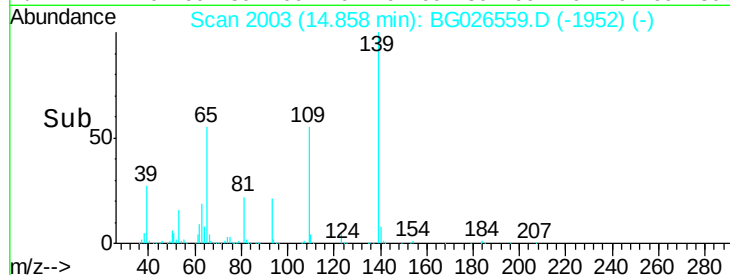
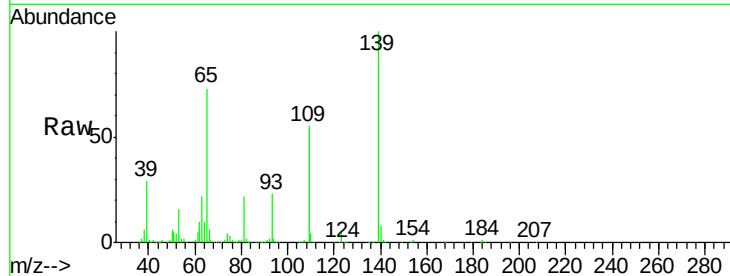
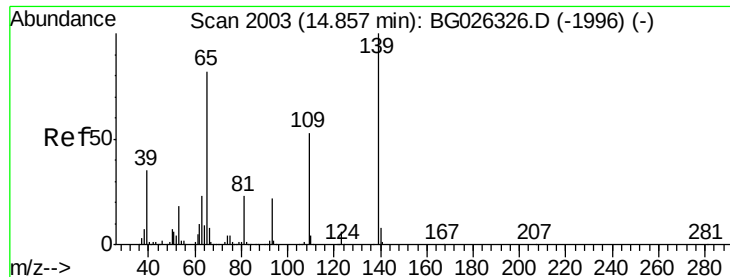
mohammad
4/6/2017 3:42:18 PM



#54
Dibenzofuran
Concen: 47.19 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	35.3	52.9#
169	14.6	11.5	17.3





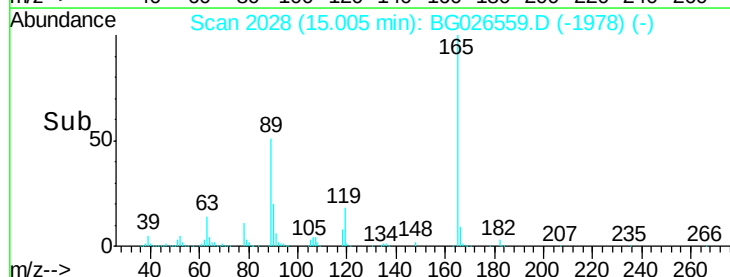
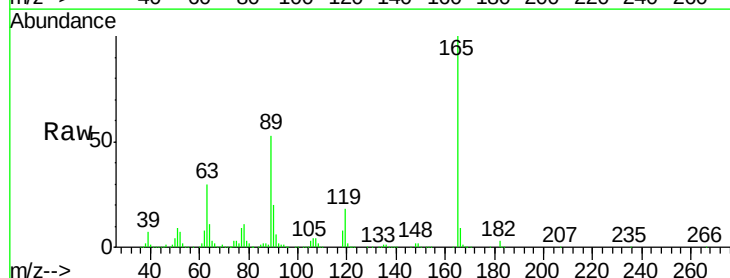
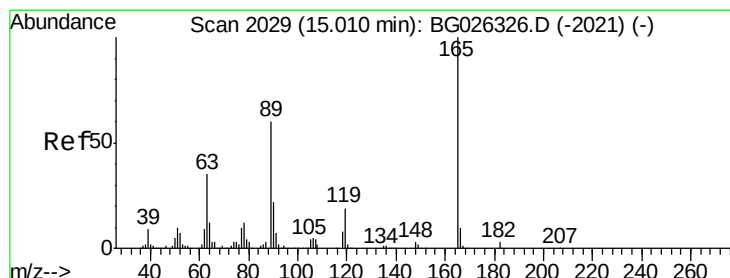
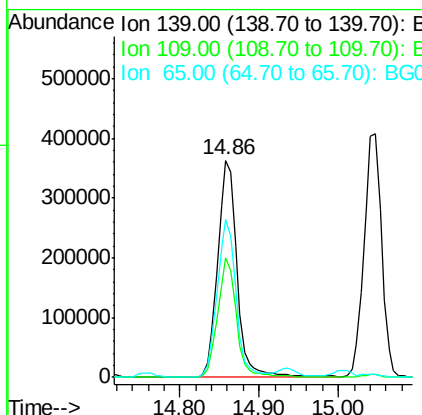
#55
4-Nitrophenol
Concen: 92.85 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	54.8	101.2	141.2#
65	72.9	135.3	175.3#

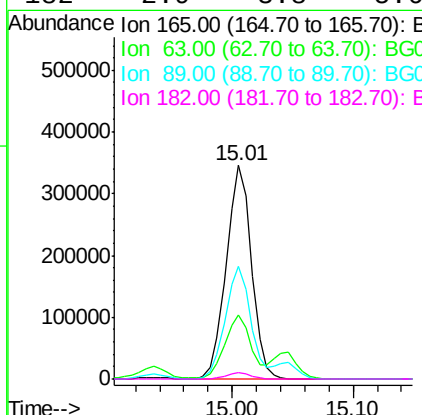
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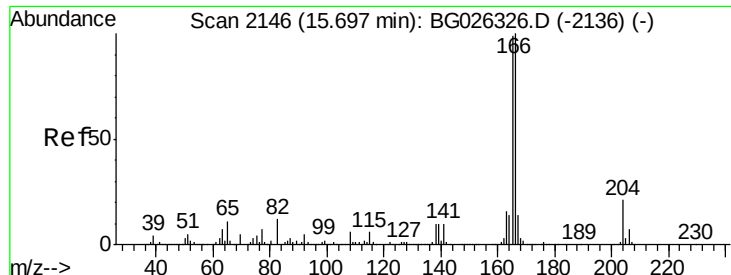
mohammad
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#56
2,4-Dinitrotoluene
Concen: 48.33 ng
RT: 15.01 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.1	44.0	66.0#
89	52.7	67.3	100.9#
182	2.9	3.8	5.6#





#57

Fluorene

Concen: 43.84 ng

RT: 15.69 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

Tot Ion:166 Resp: 1492143

Ion Ratio Lower Upper

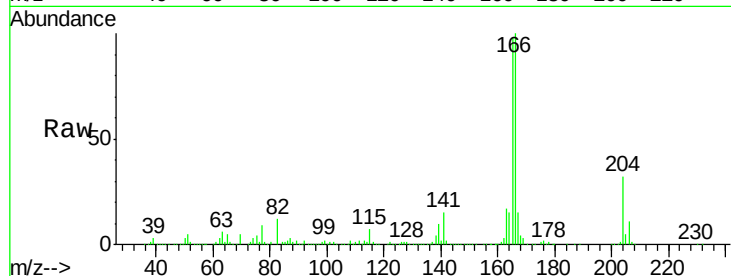
166 100

165 98.1 78.6 117.8

167 14.8 11.6 17.4

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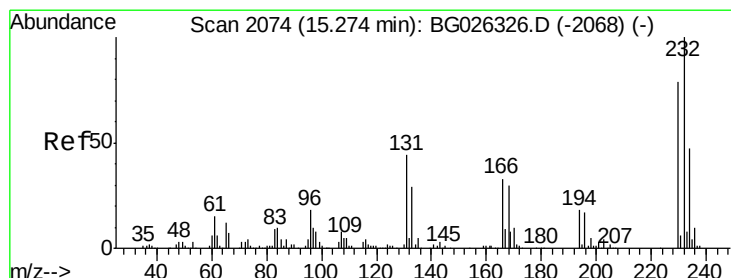
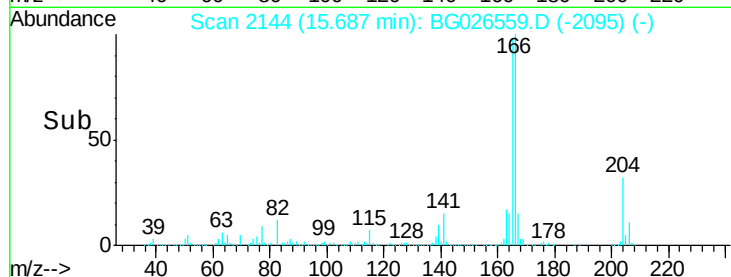
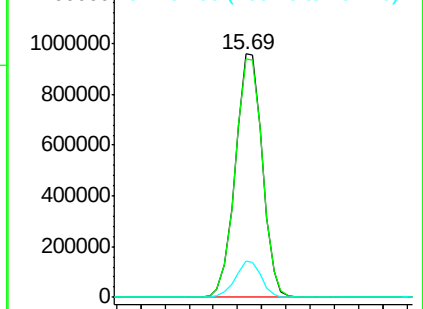


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.61 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Tgt Ion:232 Resp: 425909

Ion Ratio Lower Upper

232 100

131 38.4 34.9 52.3

130 2.0 2.3 3.5#

166 29.3 24.2 36.4

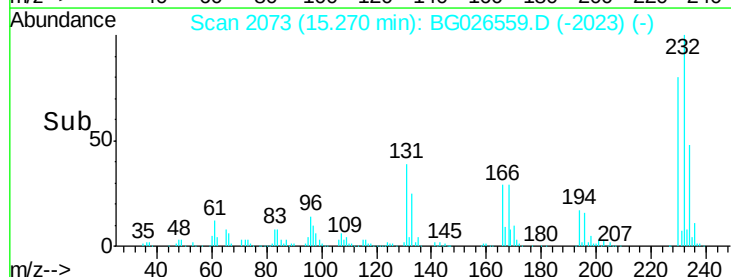
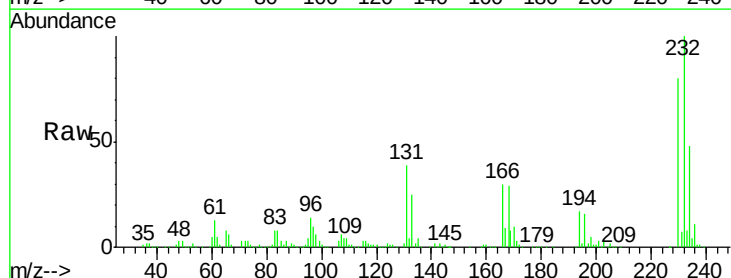
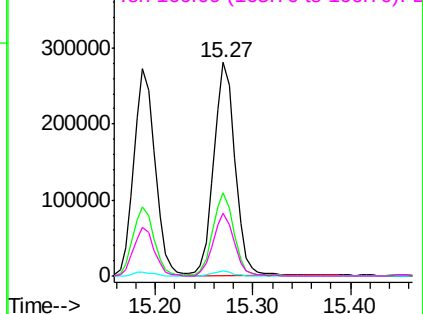
Abundance

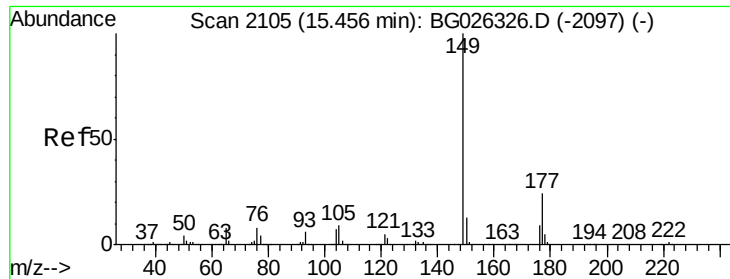
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





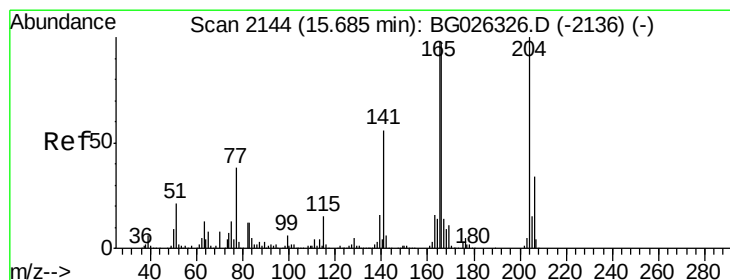
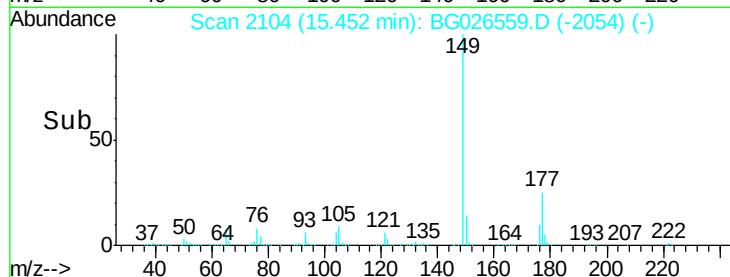
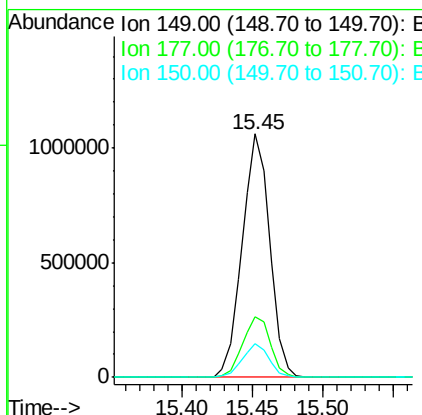
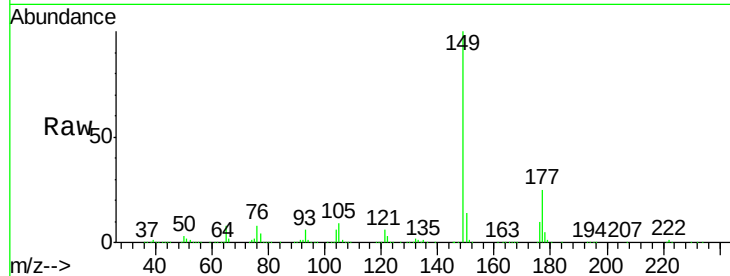
#59
Diethylphthalate
Concen: 44.74 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.1	30.1
150	13.9	10.2	15.2

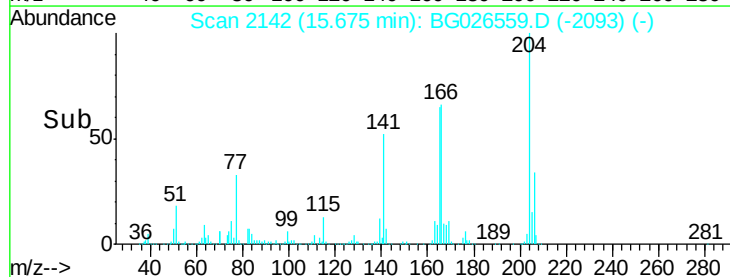
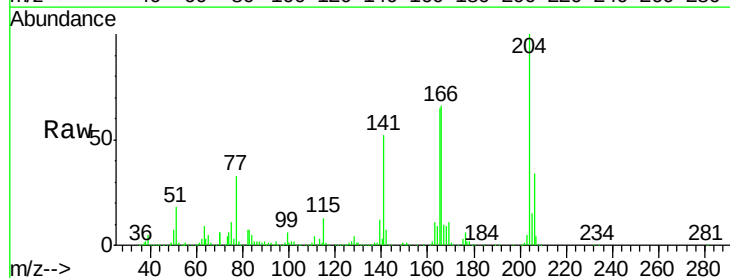
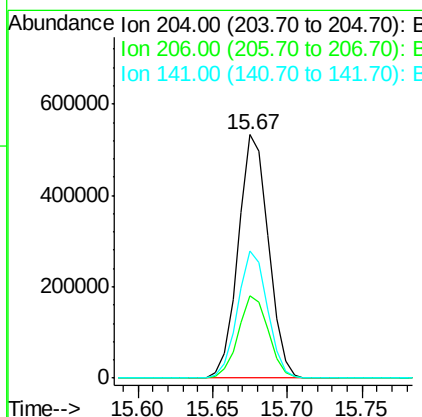
Manual Integrations
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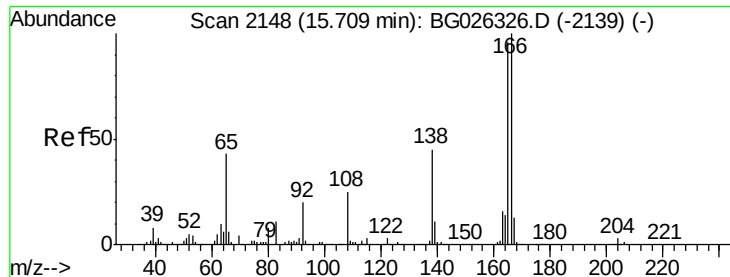
mohammad
4/6/2017 3:42:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.35 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	30.1	45.1
141	52.2	50.6	76.0





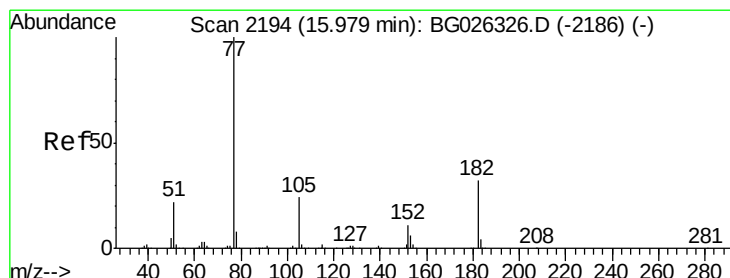
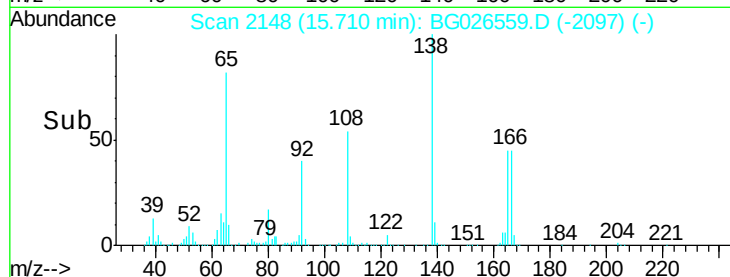
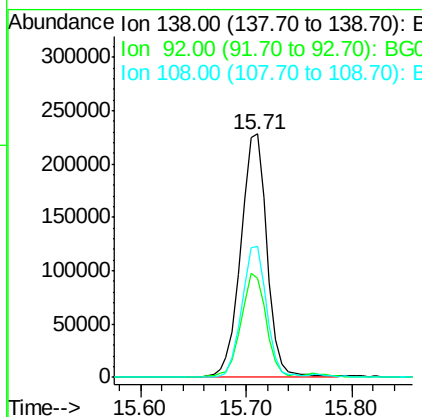
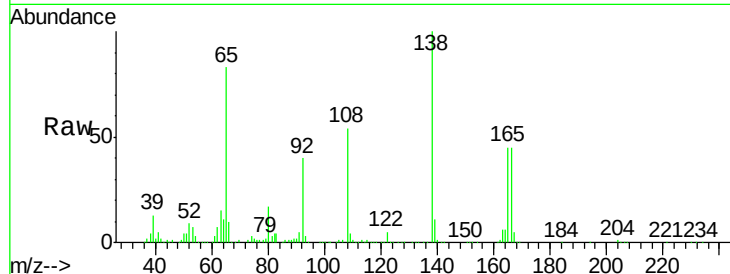
#61
4-Nitroaniline
Concen: 45.74 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	392597		
92	40.5	44.2	84.2#	
108	53.7	104.8	144.8#	

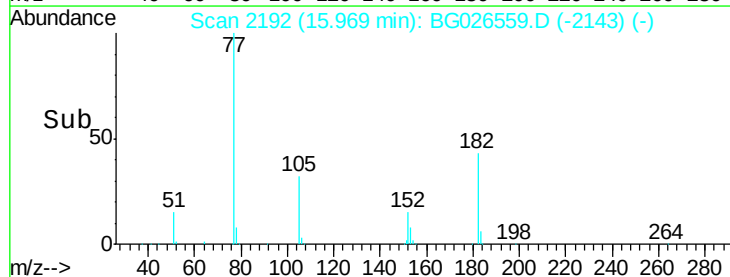
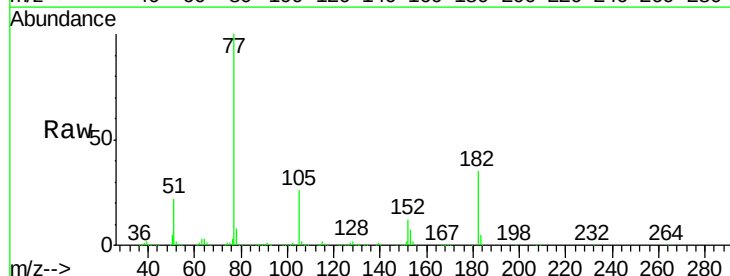
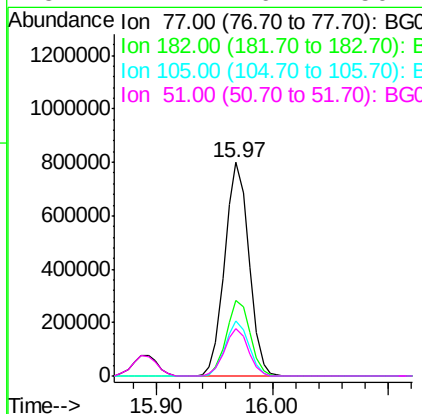
Manual Integrations
APPROVED

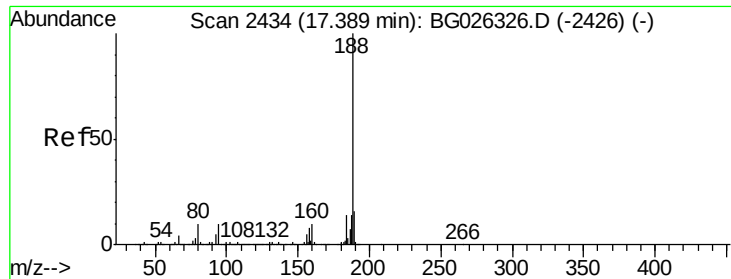
mohammad
4/6/2017 3:42:18 PM



#62
Azobenzene
Concen: 44.03 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1155295		
182	35.4	4.7	44.7	
105	25.7	0.0	36.3	
51	22.1	16.4	56.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

Tot Ion:188 Resp: 1001754

Ion Ratio Lower Upper

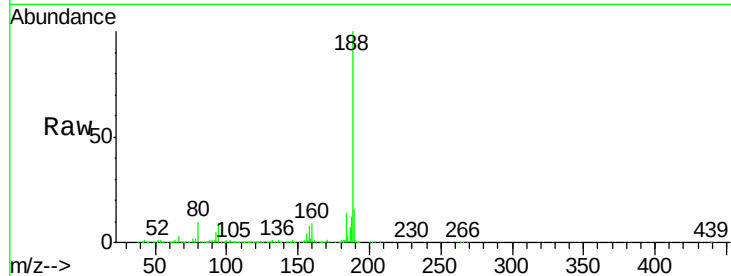
188 100

94 8.8 5.8 8.8#

80 9.6 7.5 11.3

Manual Integrations
APPROVED

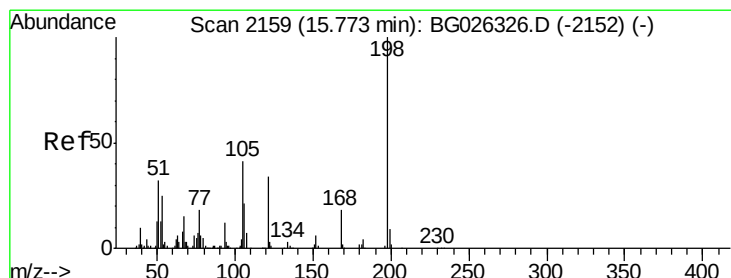
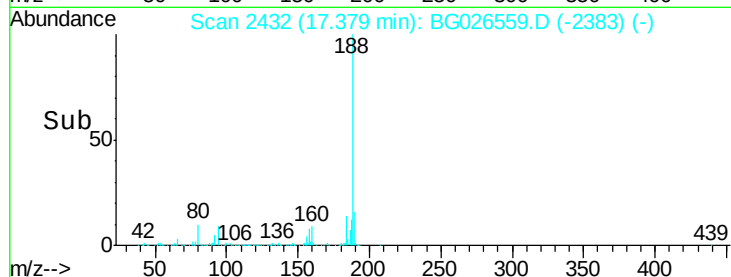
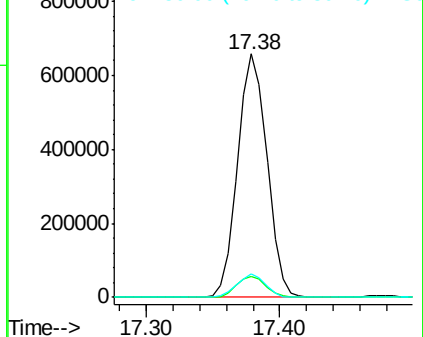
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 48.96 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

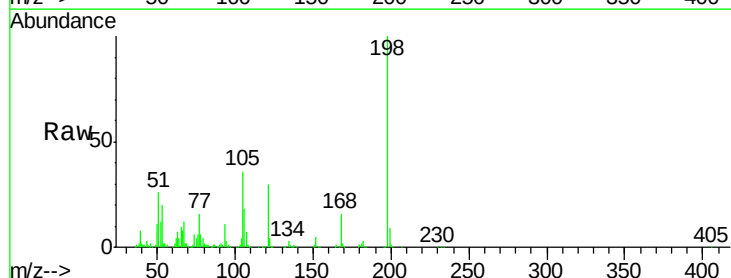
Tgt Ion:198 Resp: 309208

Ion Ratio Lower Upper

198 100

51 25.9 22.6 62.6

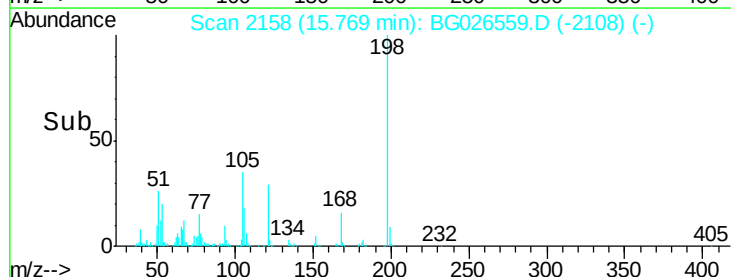
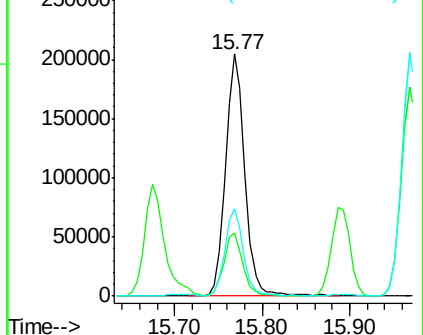
105 36.0 14.4 54.4

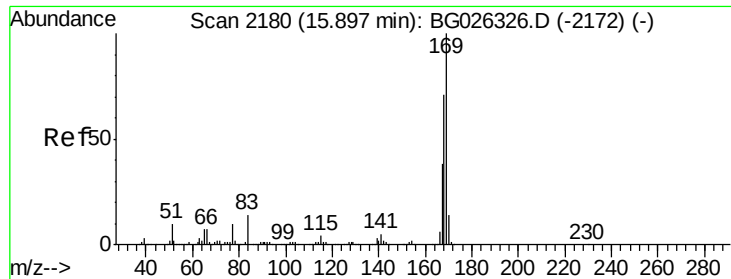


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





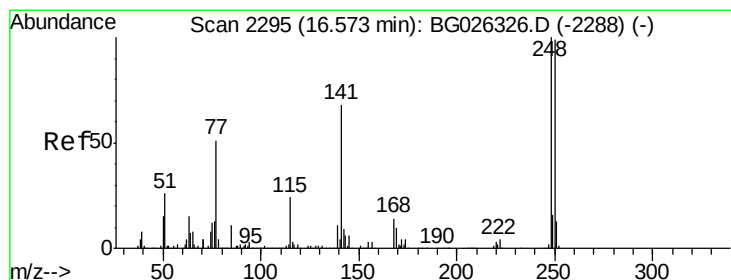
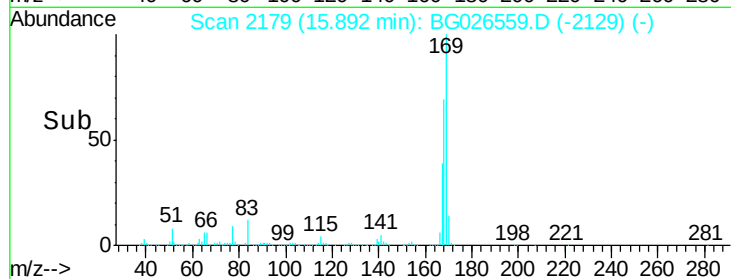
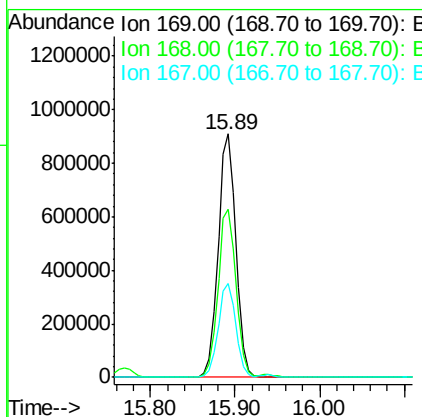
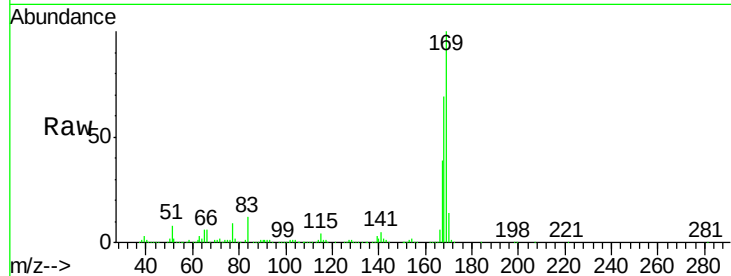
#65
n-Nitrosodiphenylamine
Concen: 45.40 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.7	83.5
167	38.7	29.8	44.6

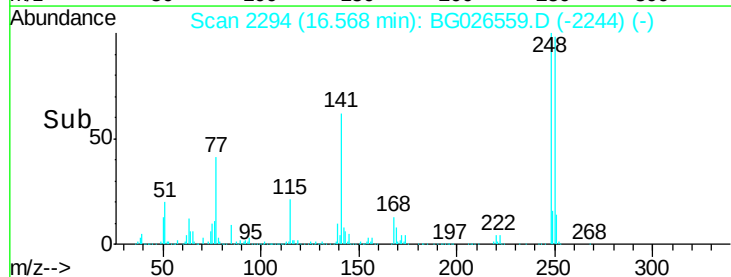
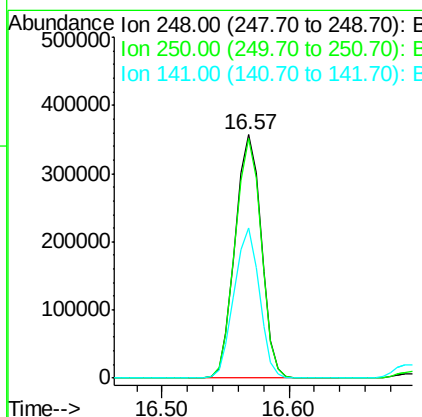
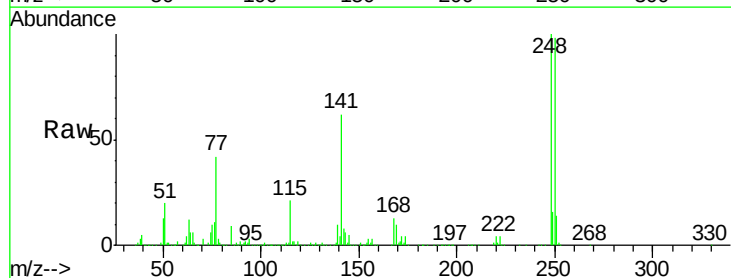
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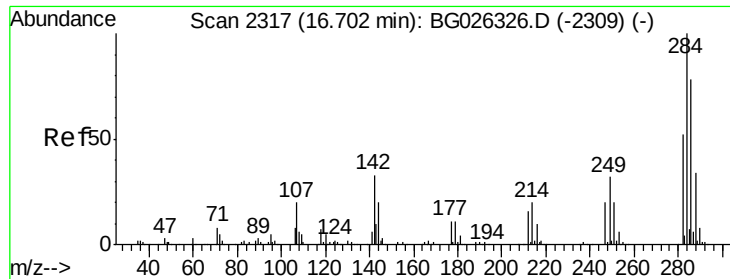
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#66
4-Bromophenyl-phenylether
Concen: 49.43 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	75.0	112.6
141	61.9	55.2	82.8





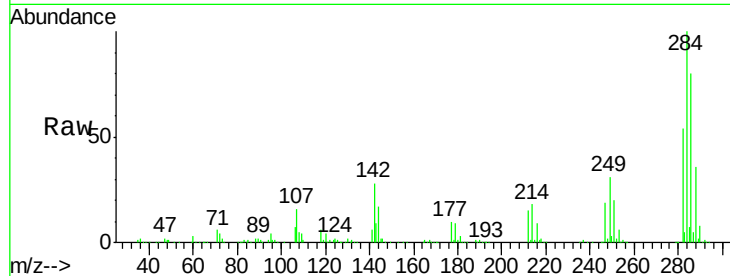
#67
Hexachlorobenzene
Concen: 49.09 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

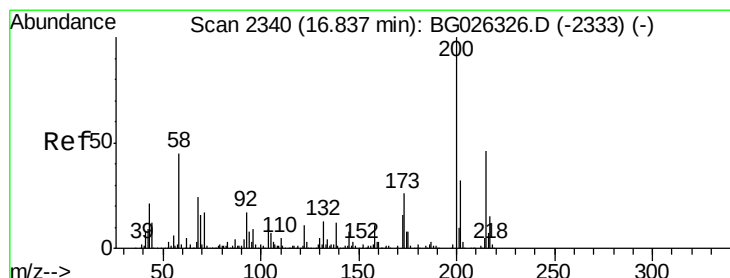
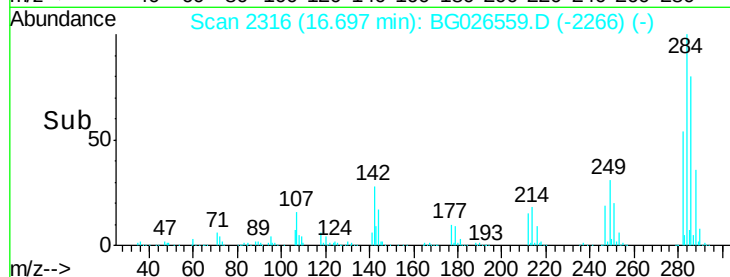
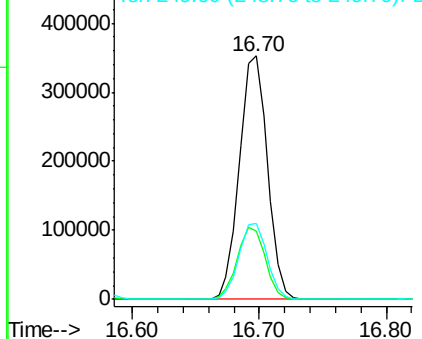
Tot Ion	Ratio	Resp	Lower	Upper
284	100	539933		
142	28.2		29.9	44.9#
249	31.3		29.2	43.8

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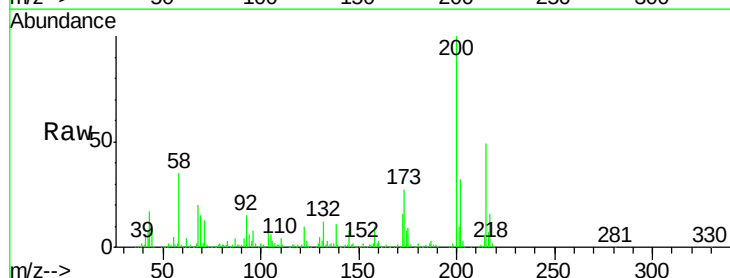


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

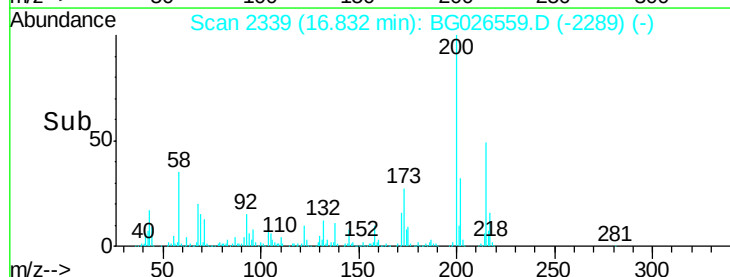
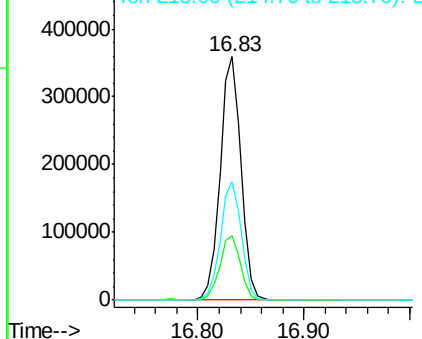


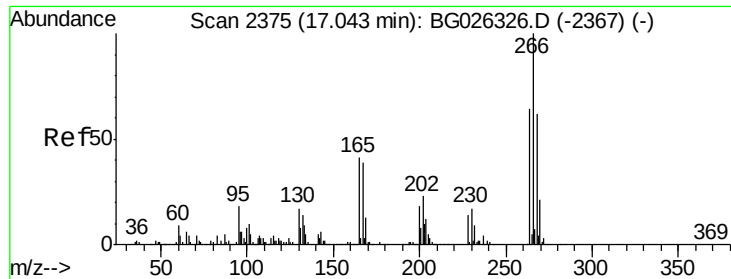
#68
Atrazine
Concen: 44.17 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	491581		
173	26.6		3.0	43.0
215	48.8		28.4	68.4



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





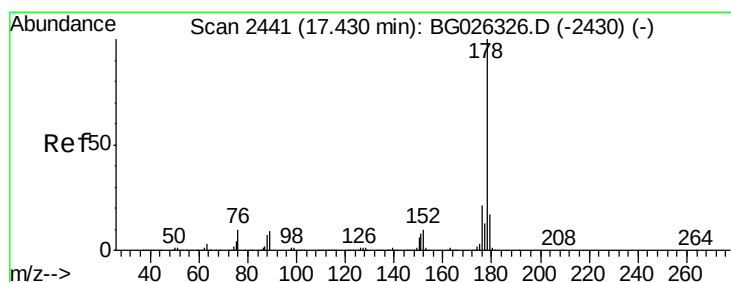
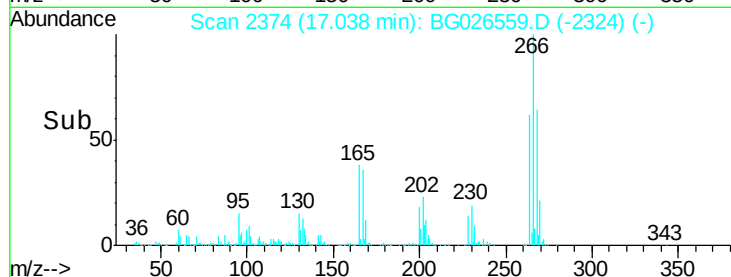
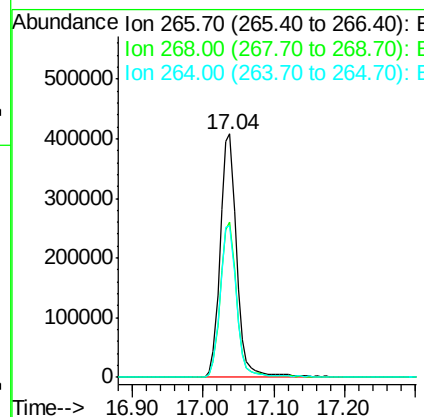
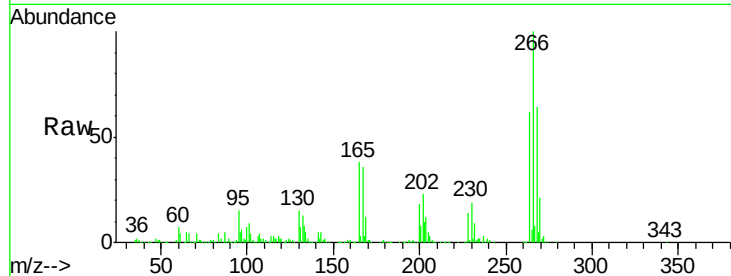
#69
 Pentachlorophenol
 Concen: 93.19 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	666384		
268	63.8	48.6	72.8	
264	62.4	50.1	75.1	

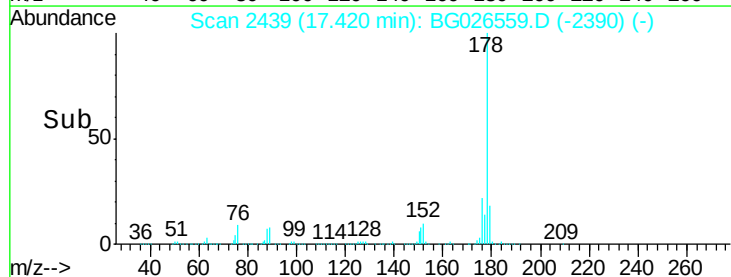
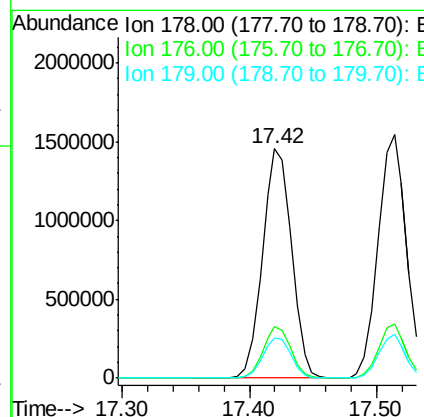
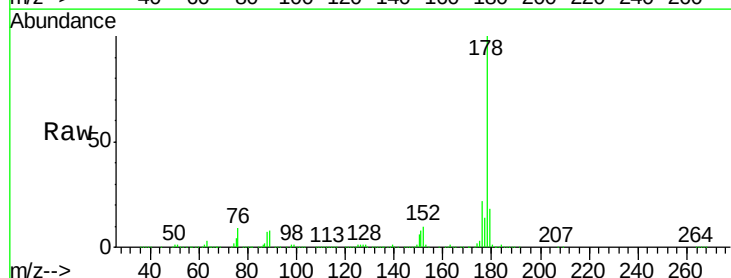
Manual Integrations
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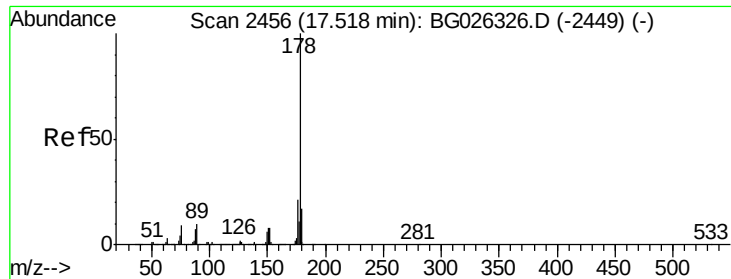
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#70
 Phenanthrene
 Concen: 43.09 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2318200		
176	22.3	17.7	26.5	
179	17.8	15.0	22.6	





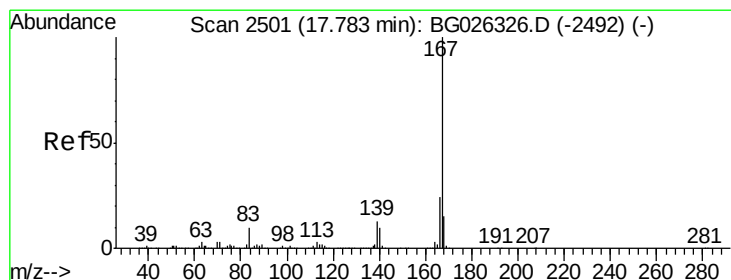
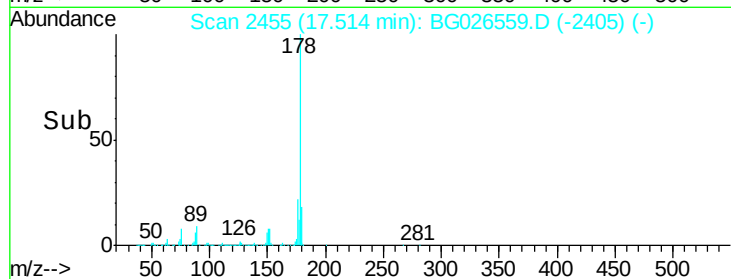
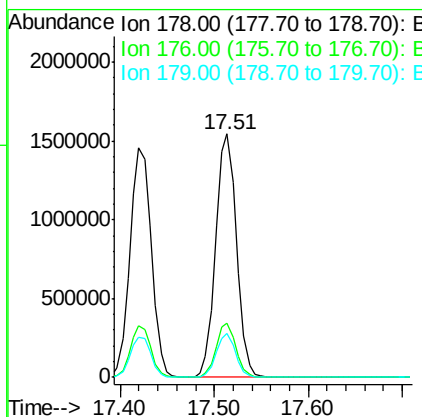
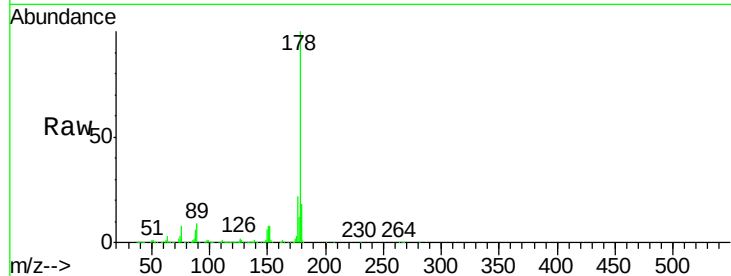
#71
 Anthracene
 Concen: 43.79 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion:178 Resp: 2403288
 Ion Ratio Lower Upper
 178 100
 176 22.3 16.4 24.6
 179 17.9 13.8 20.8

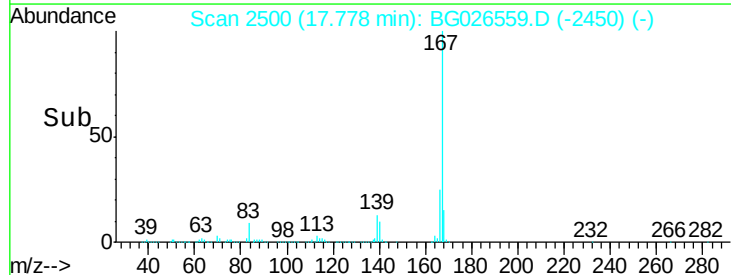
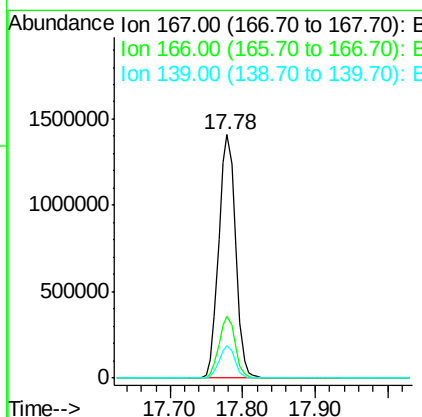
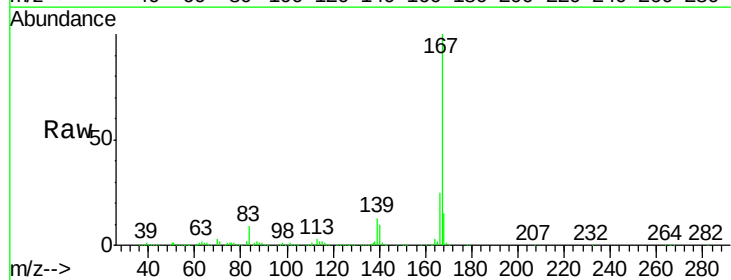
Manual Integrations
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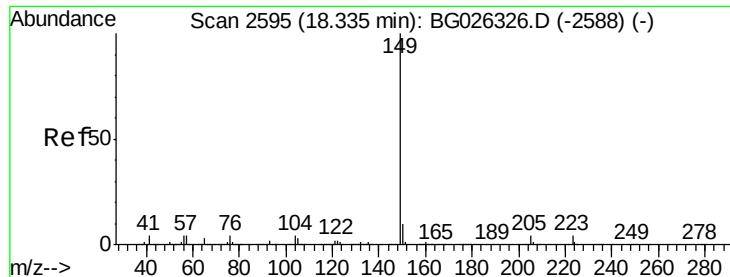
mohammad
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#72
 Carbazole
 Concen: 40.39 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion:167 Resp: 2282416
 Ion Ratio Lower Upper
 167 100
 166 25.5 20.2 30.2
 139 13.1 12.8 19.2





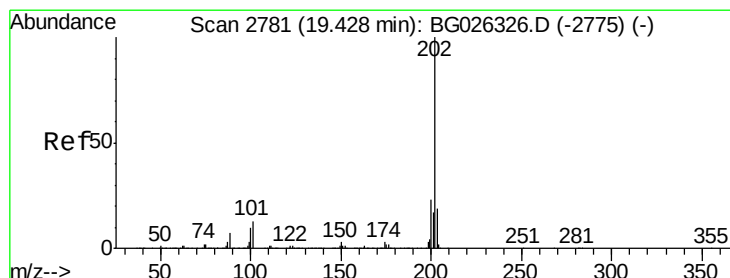
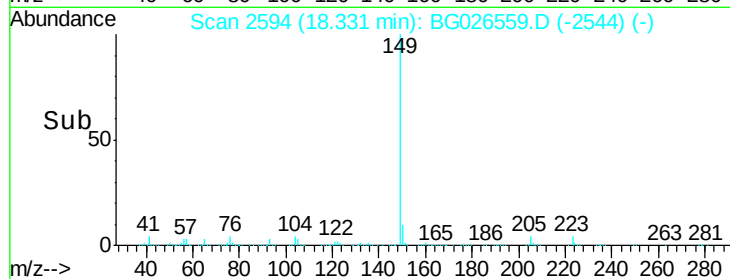
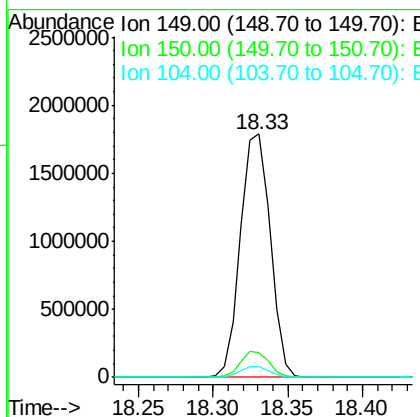
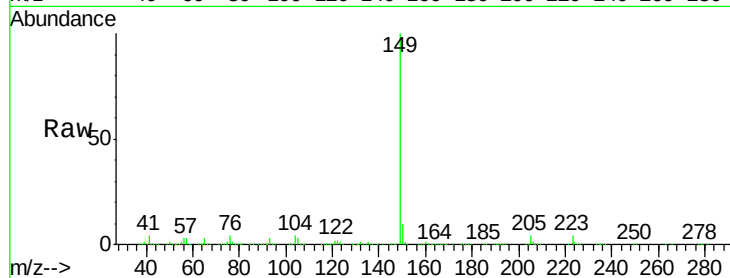
#73
Di-n-butylphthalate
Concen: 42.84 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	9.1	13.7
104	4.5	6.7	10.1

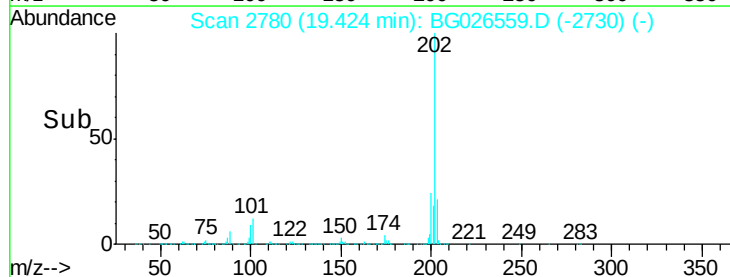
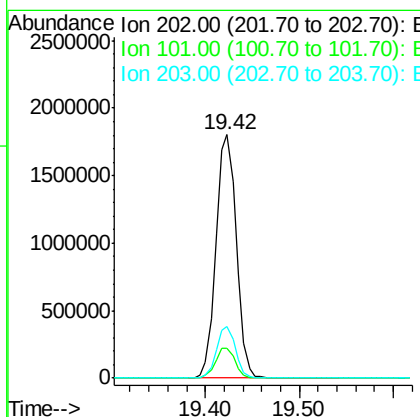
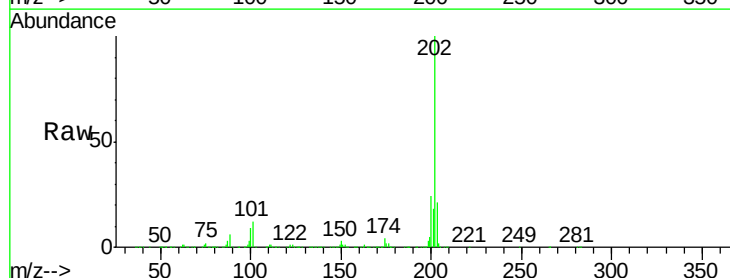
Manual Integrations
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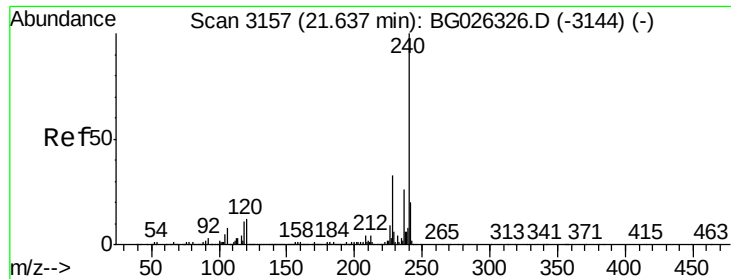
mohammad
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#74
Fluoranthene
Concen: 43.14 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.1
203	21.3	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

Tot Ion:240 Resp: 1125000

Ion Ratio Lower Upper

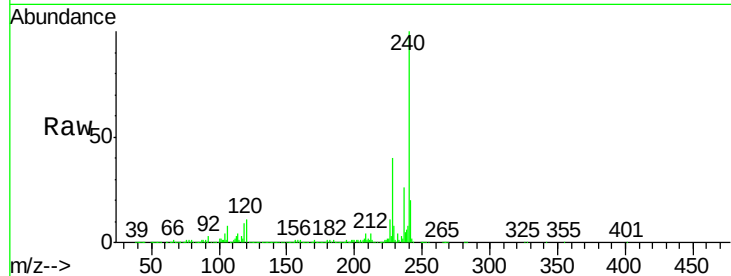
240 100

120 10.8 5.7 8.5#

236 26.1 22.2 33.4

Manual Integrations
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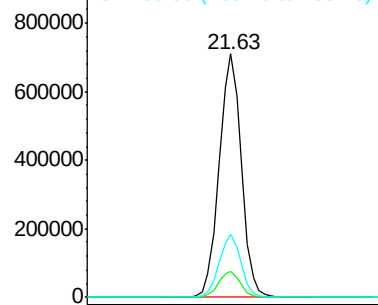
mohammad
4/6/2017 3:42:18 PM



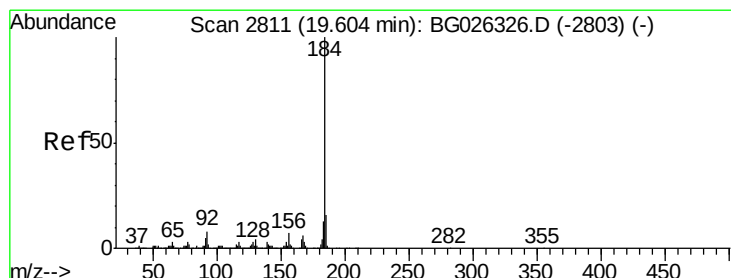
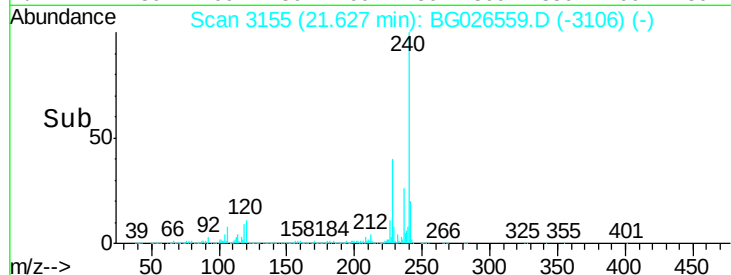
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70



#76

Benzidine

Concen: 29.86 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

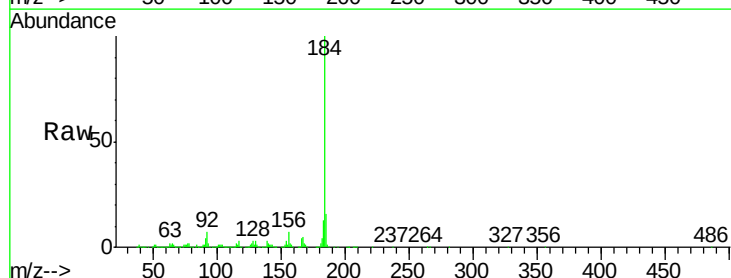
Tgt Ion:184 Resp: 1158146

Ion Ratio Lower Upper

184 100

185 16.4 13.0 19.6

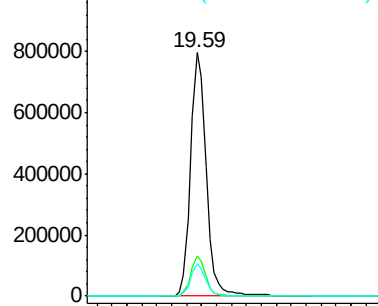
183 13.4 11.0 16.6



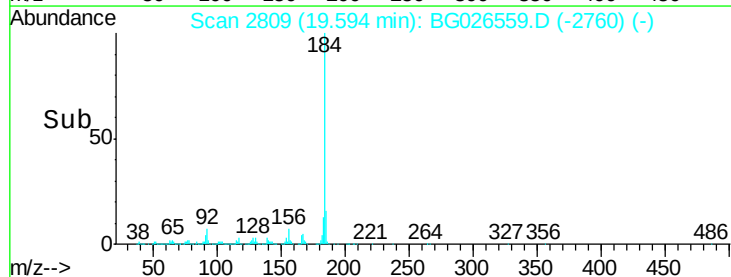
Abundance Ion 184.00 (183.70 to 184.70): E

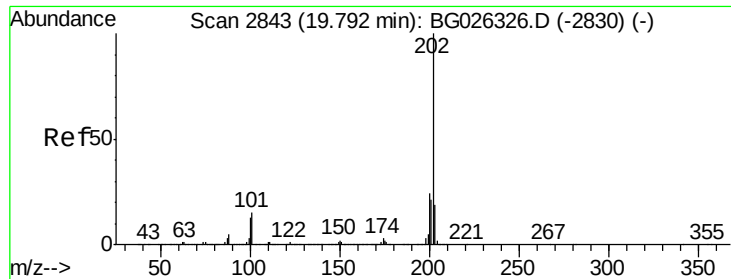
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60 19.70 19.80





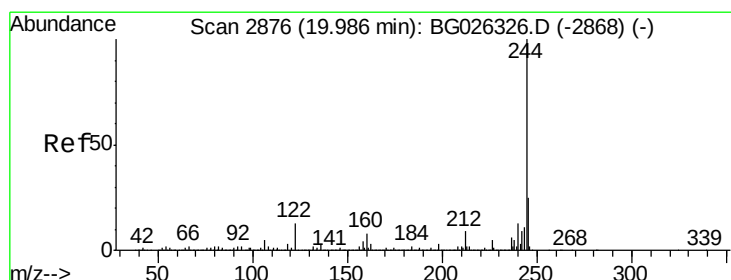
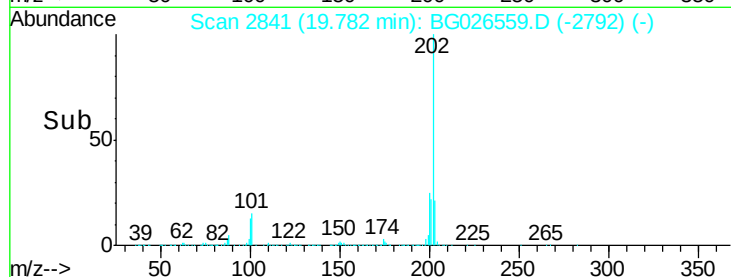
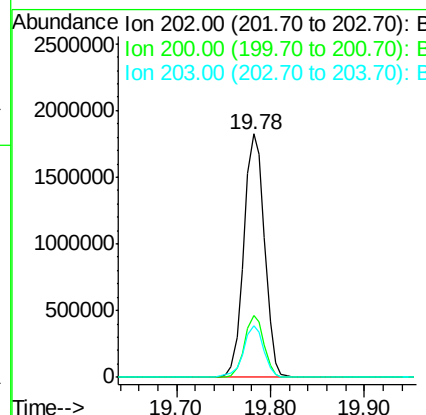
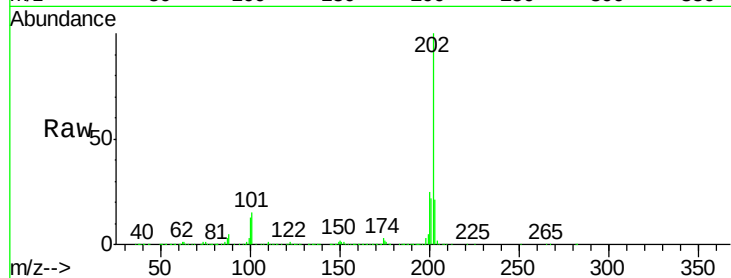
#77
Pvrene
Concen: 42.54 ng
RT: 19.78 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.3	19.6	29.4
203	21.1	15.8	23.8

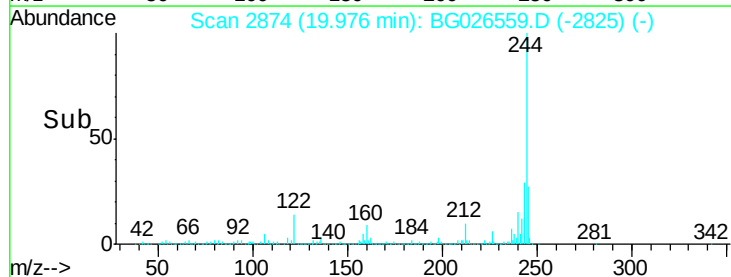
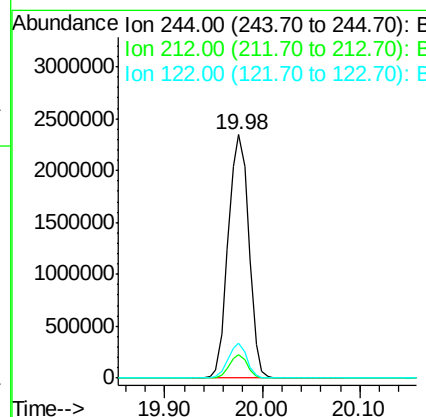
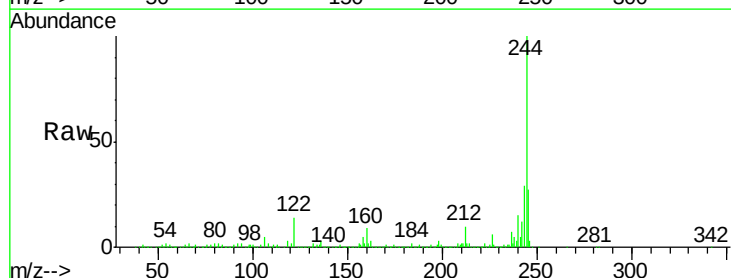
Manual Integrations
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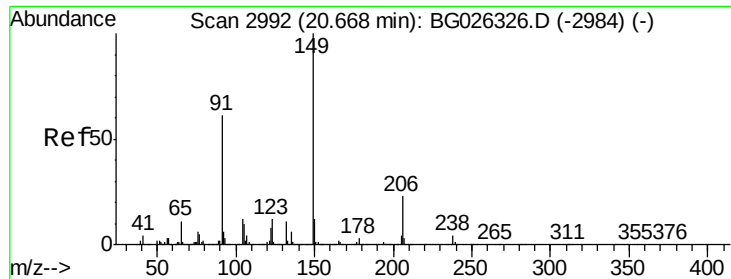
mohammad
4/6/2017 3:42:18 PM



#78
Terphenyl-d14
Concen: 74.51 ng
RT: 19.98 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	10.0	15.0#
122	14.3	8.6	12.8#





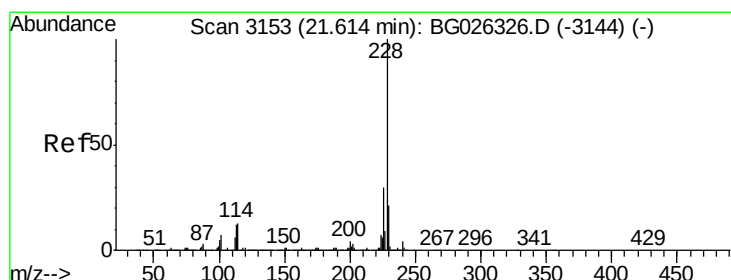
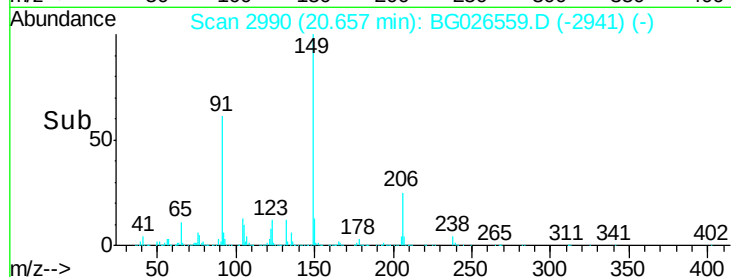
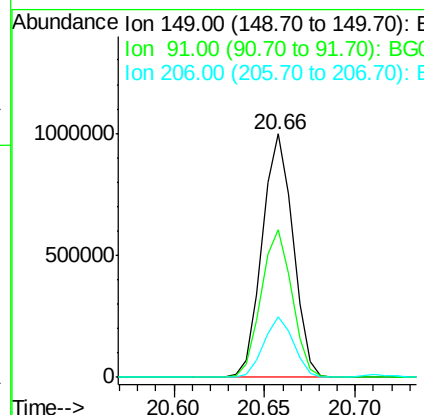
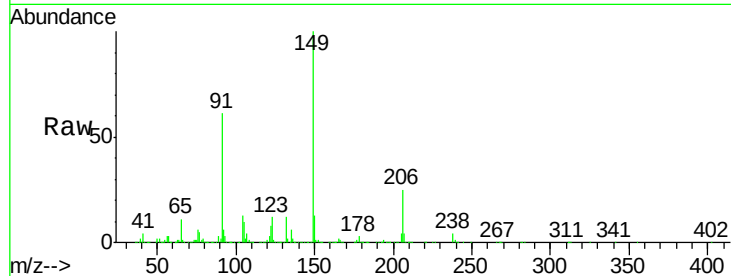
#79
Butylbenzylphthalate
Concen: 45.21 ng
RT: 20.66 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	60.5	63.5	95.3	
206	24.9	21.0	31.6	

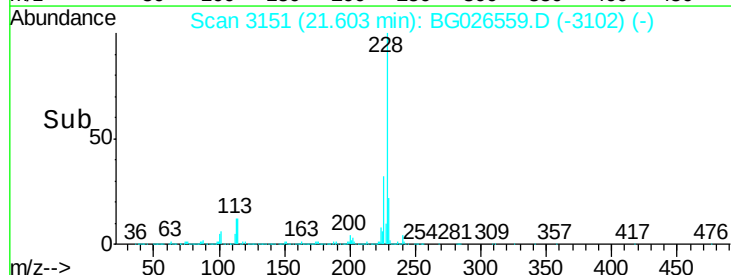
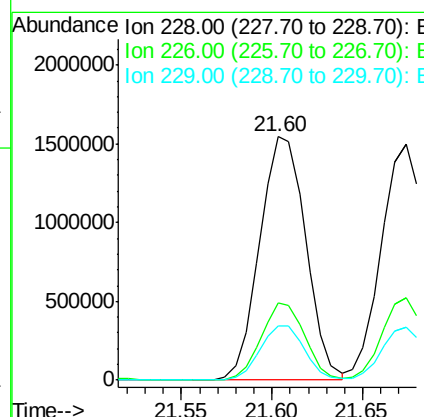
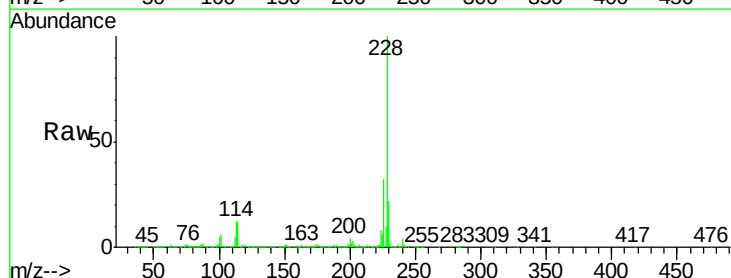
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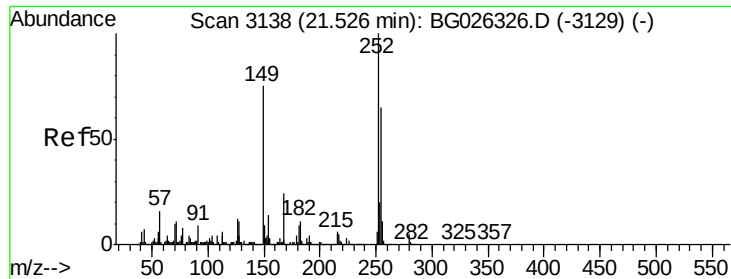
mohammad
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#80
Benzo(a)anthracene
Concen: 43.17 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	32.0	24.9	37.3	
229	22.5	18.2	27.2	





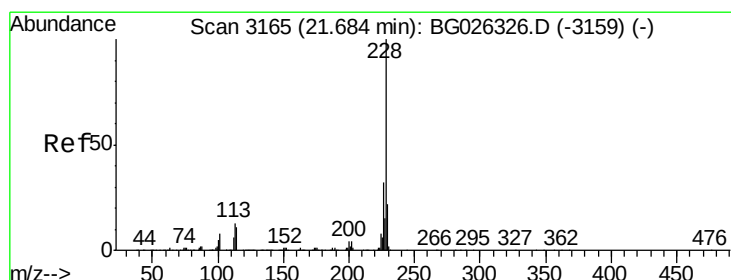
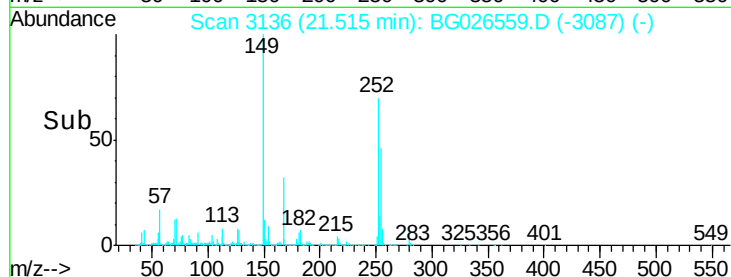
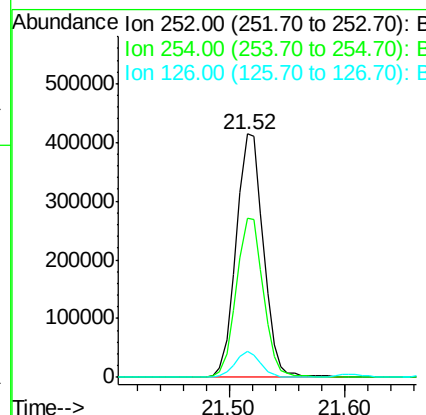
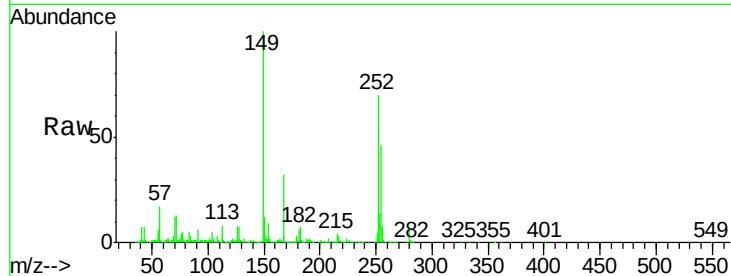
#81
 3,3'-Dichlorobenzidine
 Concen: 26.18 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.1	79.7
126	10.7	7.0	10.4

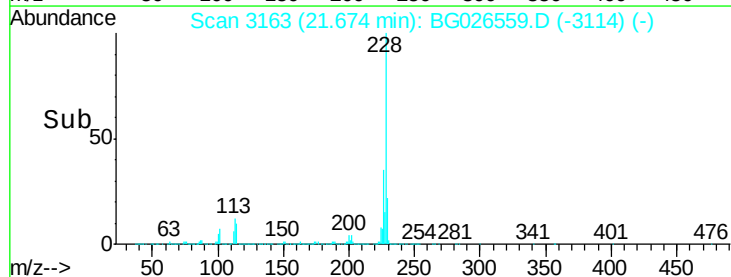
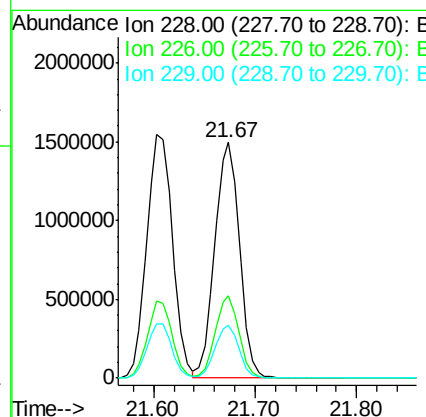
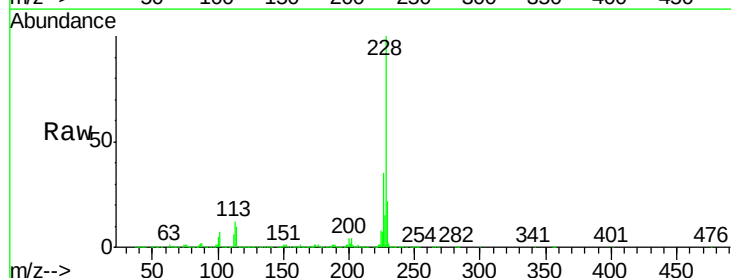
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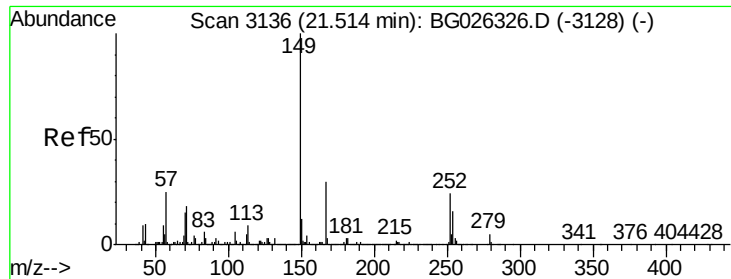
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#82
 Chrysene
 Concen: 41.76 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	27.0	40.4
229	22.2	17.8	26.6





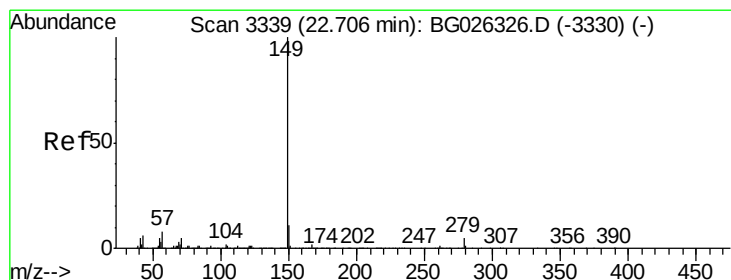
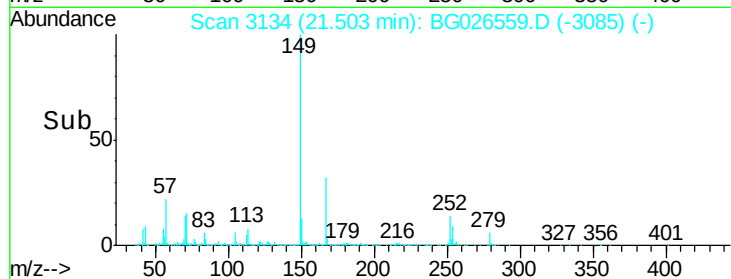
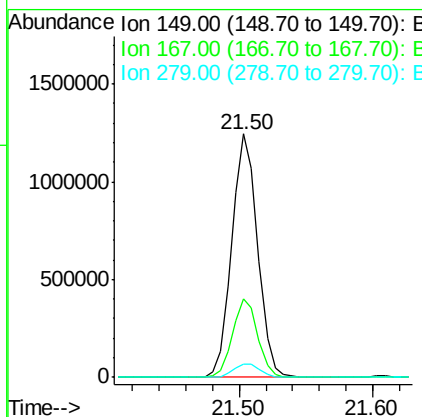
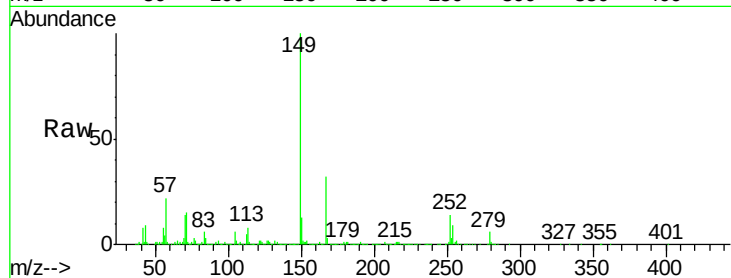
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.64 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB98073BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.3	23.7	35.5
279	5.7	4.6	6.8

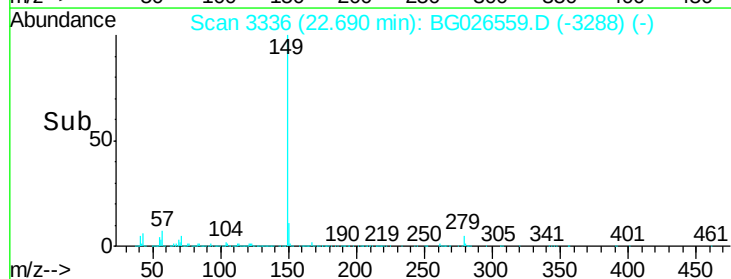
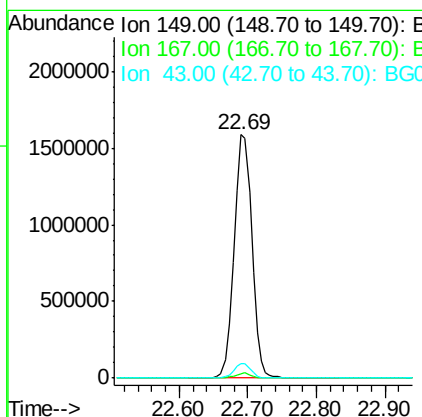
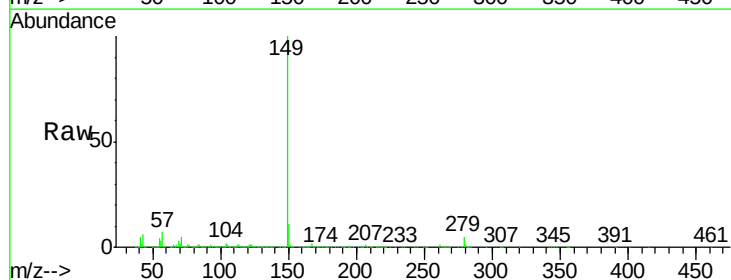
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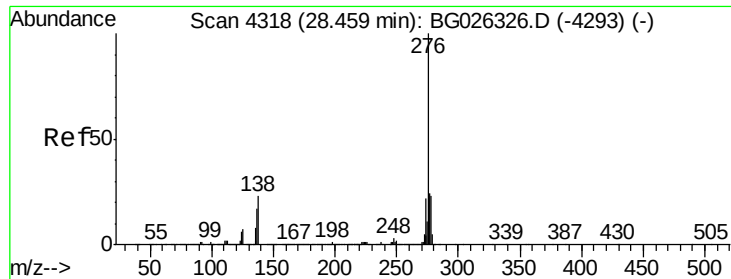
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#84
 Di-n-octyl phthalate
 Concen: 42.33 ng
 RT: 22.69 min Scan# 3336
 Delta R.T. -0.02 min
 Lab File: BG026559.D
 Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	5.7	11.8	17.6#





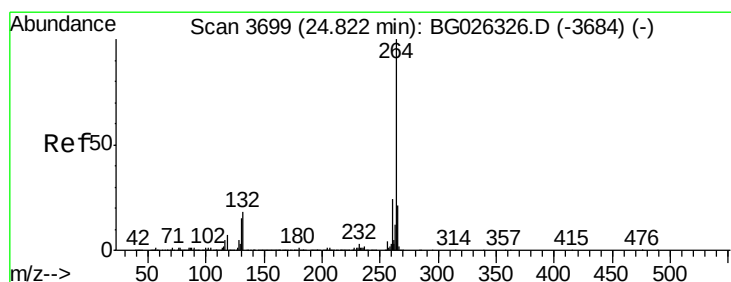
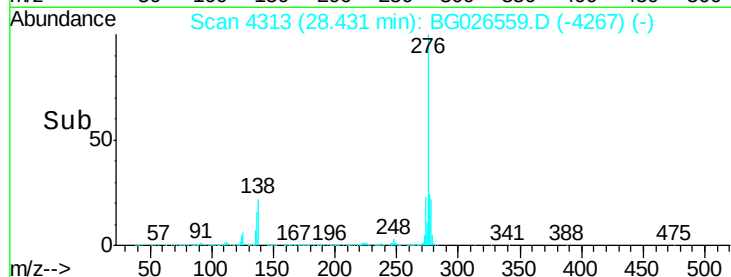
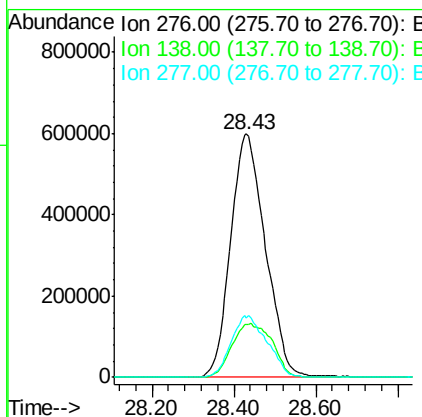
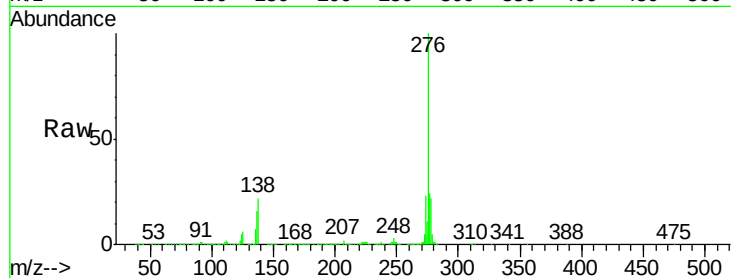
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.28 ng
RT: 28.43 min Scan# 4313
Delta R.T. -0.03 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Tot Ion:276 Resp: 3531018
Ion Ratio Lower Upper
276 100
138 25.8 4.7 7.1#
277 26.4 20.6 31.0

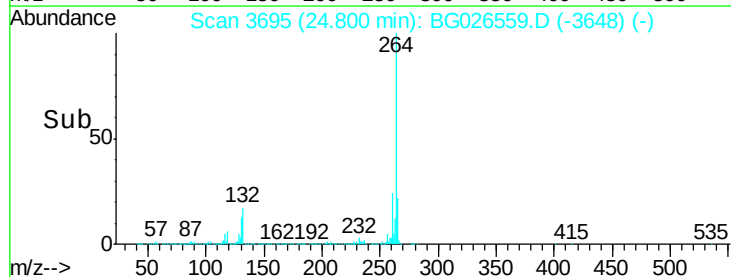
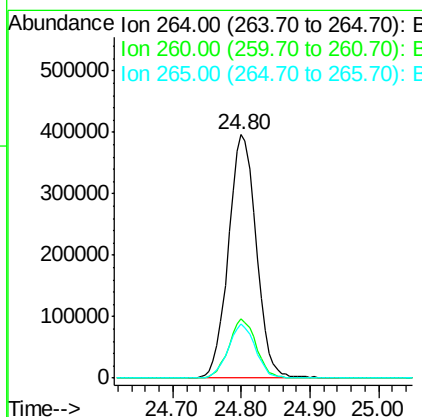
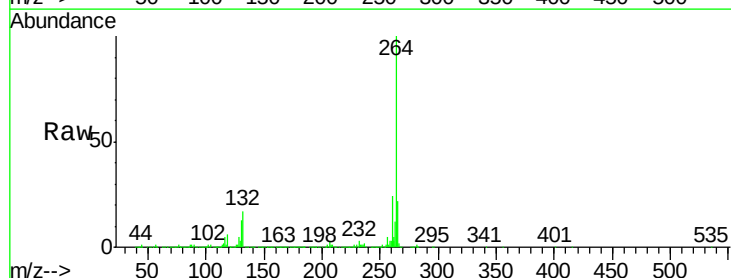
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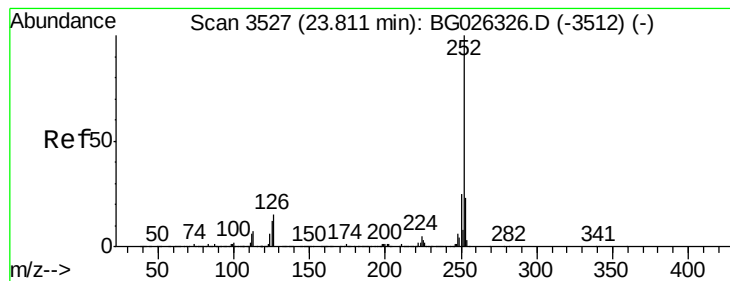
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.02 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion:264 Resp: 1114661
Ion Ratio Lower Upper
264 100
260 24.3 21.8 32.8
265 22.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 45.15 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.02 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

Tot Ion:252 Resp: 2966739

Ion Ratio Lower Upper

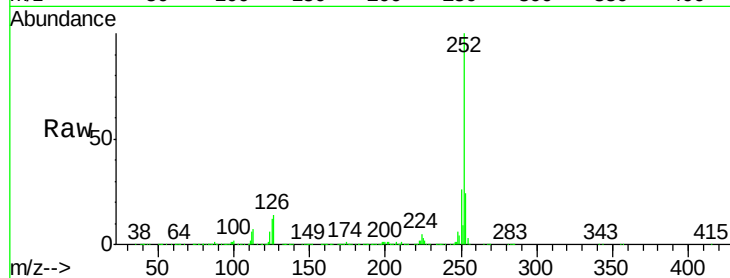
252 100

253 24.2 18.7 28.1

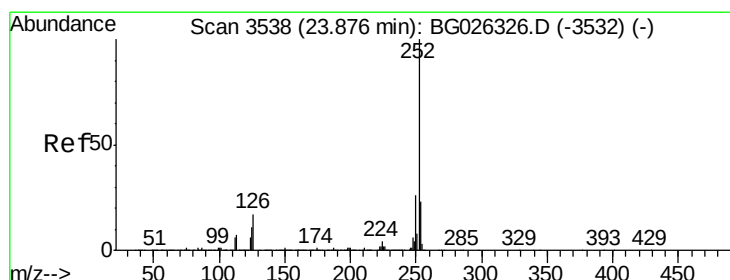
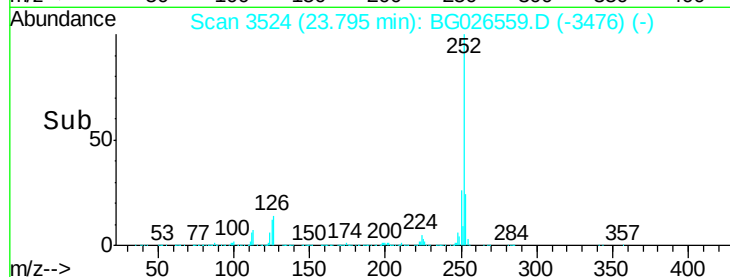
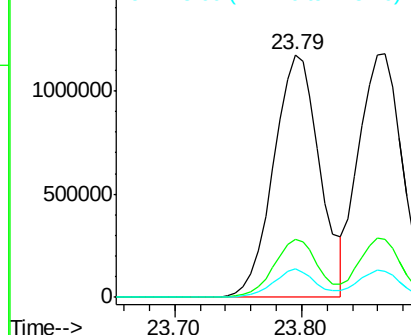
125 11.6 5.3 7.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.40 ng

RT: 23.87 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

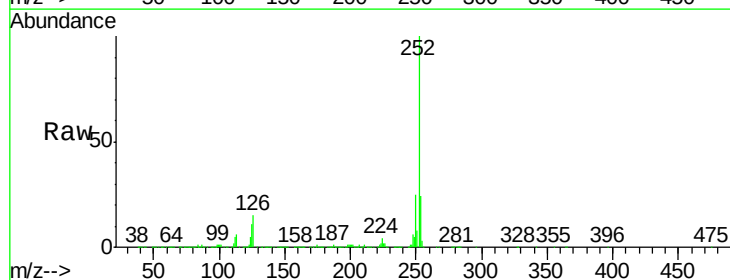
Tgt Ion:252 Resp: 2829174

Ion Ratio Lower Upper

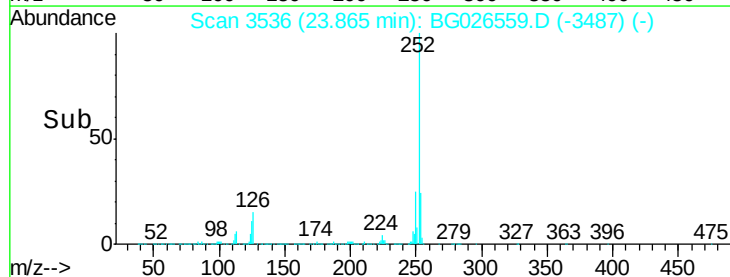
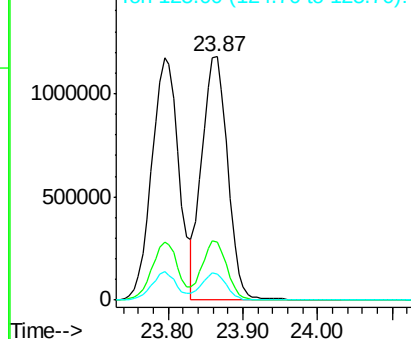
252 100

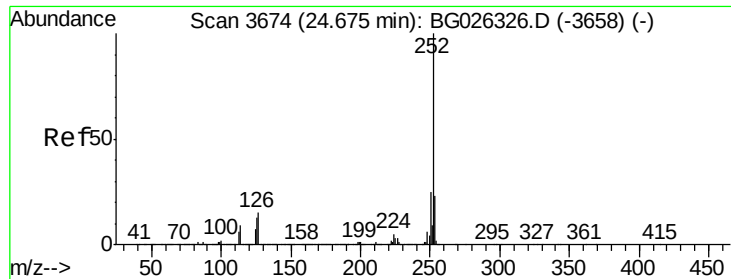
253 24.0 20.2 30.2

125 10.7 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





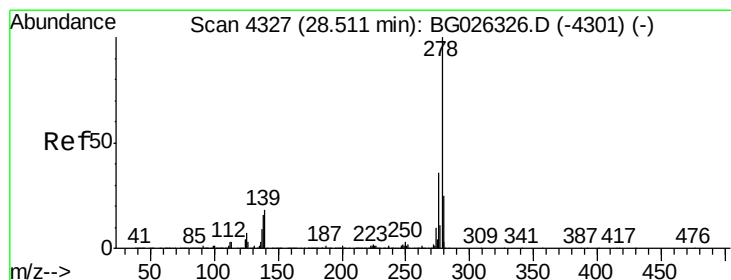
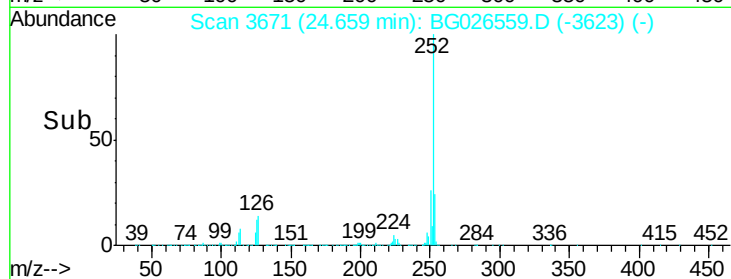
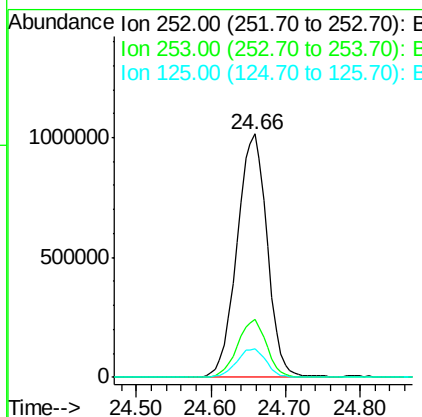
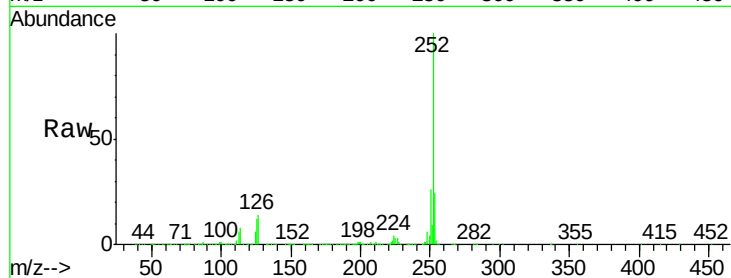
#89
Benzo(a)pyrene
Concen: 45.17 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Instrument :
BNA_G
ClientSampled :
PB98073BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	11.8	5.4	8.0

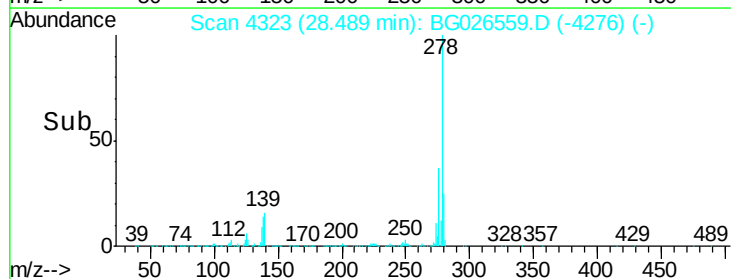
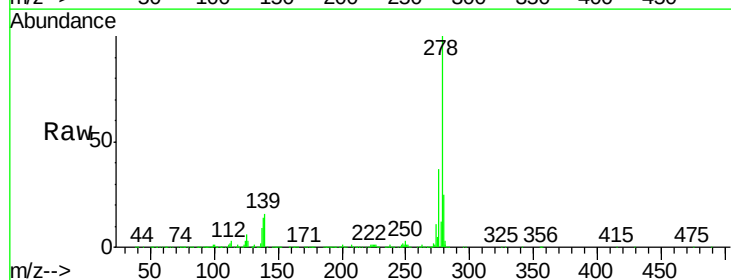
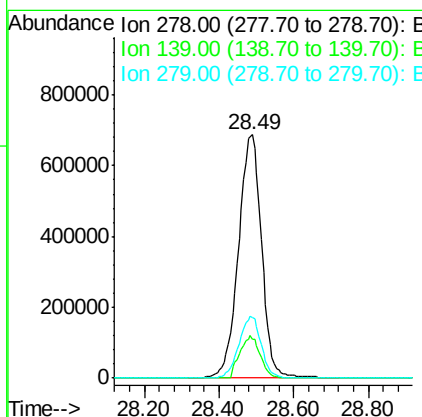
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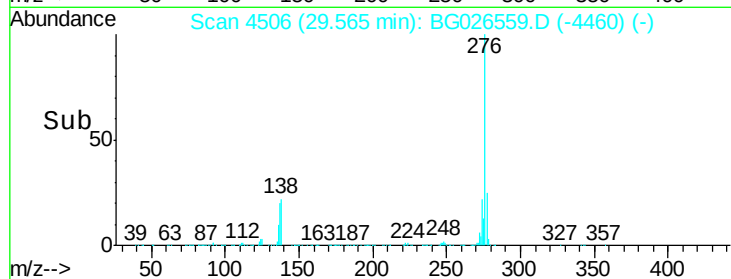
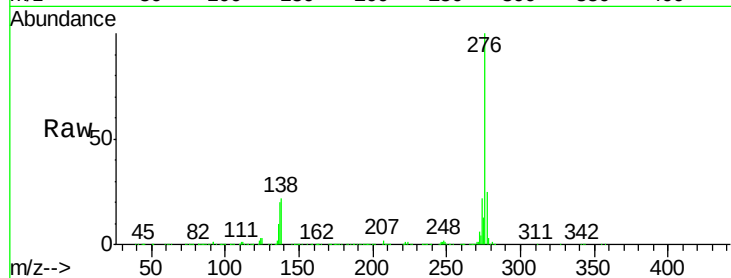
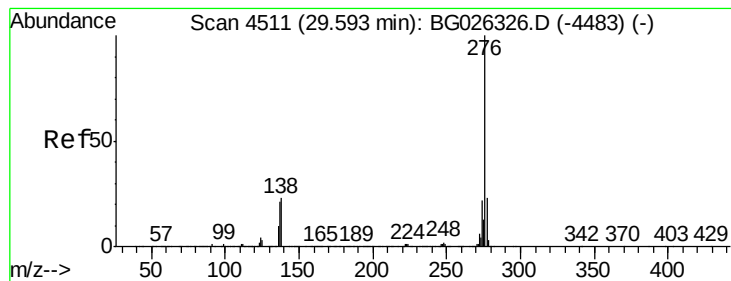
mohammad
4/6/2017 3:42:18 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.56 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.02 min
Lab File: BG026559.D
Acq: 5 Apr 2017 15:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	7.7	11.5
279	24.7	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 45.49 ng

RT: 29.56 min Scan# 4506

Delta R.T. -0.03 min

Lab File: BG026559.D

Acq: 5 Apr 2017 15:33

Instrument :

BNA_G

ClientSampleId :

PB98073BS

Tot Ion:	276	Resp:	2919531
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.6	27.8
138	21.8	8.1	12.1#

Manual Integrations
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