

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026658.D
 Acq On : 19 Apr 2017 15:44
 Operator : SJ/MA
 Sample : PB98333BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Manual Integrations
 APPROVED

mohammad
 4/20/2017 2:00:41 PM

Quant Time: Apr 20 01:32:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	174388	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	741090	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	457043	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1172123	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1315324	20.00	ng	-0.02
86) Perylene-d12	24.78	264	1321290	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	882662	92.01	ng	-0.02
7) Phenol-d6	7.19	99	1163531	92.56	ng	-0.02
23) Nitrobenzene-d5	9.19	82	909558	85.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	550613	86.46	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2494744	81.29	ng	-0.02
78) Terphenyl-d14	19.97	244	3710721	83.29	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	114485	22.82	ng	# 68
3) Pyridine	3.88	79	346610	30.86	ng	# 62
4) n-Nitrosodimethylamine	3.79	42	117939	36.11	ng	# 1
6) Aniline	7.35	93	553866	35.28	ng	# 86
8) 2-Chlorophenol	7.60	128	488510	42.68	ng	# 79
9) Benzaldehyde	7.17	77	56836	6.67	ng	# 75
10) Phenol	7.22	94	596815	43.64	ng	# 69
11) bis(2-Chloroethyl)ether	7.44	93	425964	39.13	ng	# 79
12) 1,3-Dichlorobenzene	7.92	146	517323	38.35	ng	# 85
13) 1,4-Dichlorobenzene	8.07	146	522016	38.09	ng	# 93
14) 1,2-Dichlorobenzene	8.38	146	509070	39.32	ng	# 88
15) Benzyl Alcohol	8.26	79	346282	44.05	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	405883	38.53	ng	# 79
17) 2-Methylphenol	8.47	107	417570	43.57	ng	# 80
18) Hexachloroethane	9.11	117	166410	38.49	ng	# 95
19) n-Nitroso-di-n-propylamine	8.83	70	302005	38.76	ng	# 70
20) 3+4-Methylphenols	8.79	107	576255	43.76	ng	# 86
22) Acetophenone	8.85	105	659918	38.97	ng	# 74
24) Nitrobenzene	9.23	77	448377	39.87	ng	# 70
25) Isophorone	9.75	82	874852	40.18	ng	# 87
26) 2-Nitrophenol	9.94	139	283259	41.57	ng	# 62
27) 2,4-Dimethylphenol	10.00	122	469361	42.68	ng	# 86
28) bis(2-Chloroethoxy)methane	10.23	93	577108	40.55	ng	# 98
29) 2,4-Dichlorophenol	10.48	162	502840	43.72	ng	# 92
30) 1,2,4-Trichlorobenzene	10.69	180	510396	39.81	ng	# 99
31) Naphthalene	10.88	128	1446269	39.76	ng	# 100
32) Benzoic acid	10.14	122	321432	42.86	ng	# 73
33) 4-Chloroaniline	10.99	127	220257	14.12	ng	# 82
34) Hexachlorobutadiene	11.16	225	291017	39.70	ng	# 97
35) Caprolactam	11.75	113	187512m	41.98	ng	#
36) 4-Chloro-3-methylphenol	12.10	107	498679	43.04	ng	# 75
37) 2-Methylnaphthalene	12.47	142	1125744	40.22	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	545243	38.73	ng	# 98
40) Hexachlorocyclopentadiene	12.82	237	638756	89.79	ng	# 95

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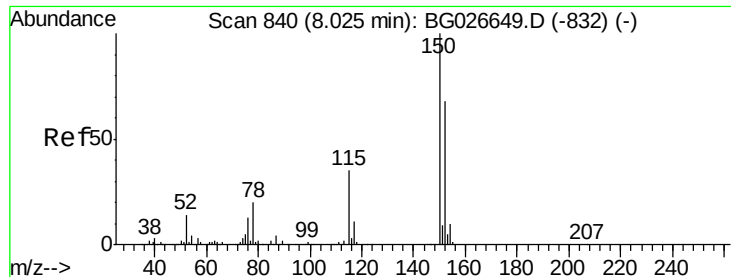
Manual Integrations
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Quant Time: Apr 20 01:32:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	417980	41.69	nq	96
43) 2,4,5-Trichlorophenol	13.16	196	445714	42.04	nq #	91
45) 1,1'-Biphenyl	13.47	154	1461301	39.35	nq	98
46) 2-Chloronaphthalene	13.52	162	1120402	39.81	nq	95
47) 2-Nitroaniline	13.72	65	311247	43.30	nq #	51
48) Acenaphthylene	14.36	152	1842608	40.71	nq	98
49) Dimethylphthalate	14.09	163	1491978	41.24	nq	99
50) 2,6-Dinitrotoluene	14.21	165	366460	43.31	nq #	56
51) Acenaphthene	14.70	154	1156710	40.16	nq	98
52) 3-Nitroaniline	14.54	138	266682	28.90	nq #	65
53) 2,4-Dinitrophenol	14.75	184	456924	89.75	nq #	72
54) Dibenzofuran	15.03	168	1814105	40.41	nq #	90
55) 4-Nitrophenol	14.85	139	678208	87.06	nq #	38
56) 2,4-Dinitrotoluene	15.00	165	535248	44.55	nq #	66
57) Fluorene	15.68	166	1507348	40.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	449207	41.67	nq #	94
59) Diethylphthalate	15.44	149	1527754	41.53	nq	99
60) 4-Chlorophenyl-phenylether	15.67	204	762782	41.34	nq	87
61) 4-Nitroaniline	15.70	138	431604	43.86	nq #	51
62) Azobenzene	15.96	77	1182384	41.66	nq	79
64) 4,6-Dinitro-2-methylphenol	15.76	198	349104	44.10	nq	85
65) n-Nitrosodiphenylamine	15.88	169	1373740	40.63	nq	98
66) 4-Bromophenyl-phenylether	16.56	248	527985	41.23	nq	93
67) Hexachlorobenzene	16.68	284	575856	40.90	nq #	89
68) Atrazine	16.82	200	413586	31.28	nq	98
69) Pentachlorophenol	17.03	266	730953	85.93	nq	97
70) Phenanthrene	17.41	178	2435498	40.36	nq	99
71) Anthracene	17.50	178	2533769	40.63	nq	98
72) Carbazole	17.77	167	2465352	41.28	nq	97
73) Di-n-butylphthalate	18.32	149	2723825	40.68	nq #	96
74) Fluoranthene	19.41	202	2903323	41.49	nq	97
76) Benzidine	19.59	184	607982	19.44	nq	97
77) Pyrene	19.78	202	2931337	41.40	nq	96
79) Butylbenzylphthalate	20.65	149	1279324	41.99	nq #	82
80) Benzo(a)anthracene	21.60	228	2921171	41.12	nq	98
81) 3,3'-Dichlorobenzidine	21.51	252	992712	33.70	nq	98
82) Chrysene	21.66	228	2701165	41.32	nq	98
83) Bis(2-ethylhexyl)phthalate	21.49	149	1805460	41.12	nq	95
84) Di-n-octyl phthalate	22.68	149	3071643	41.90	nq #	81
85) Indeno(1,2,3-cd)pyrene	28.39	276	3779396	42.17	nq #	88
87) Benzo(b)fluoranthene	23.78	252	3137871	41.48	nq #	96
88) Benzo(k)fluoranthene	23.84	252	3042520	41.73	nq #	96
89) Benzo(a)pyrene	24.63	252	3039361	41.61	nq #	96
90) Dibenzo(a,h)anthracene	28.45	278	3210491	42.80	nq #	94
91) Benzo(g,h,i)perylene	29.53	276	3064457	40.85	nq #	88

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



#1

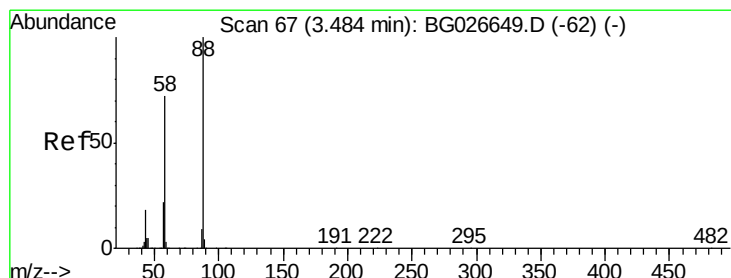
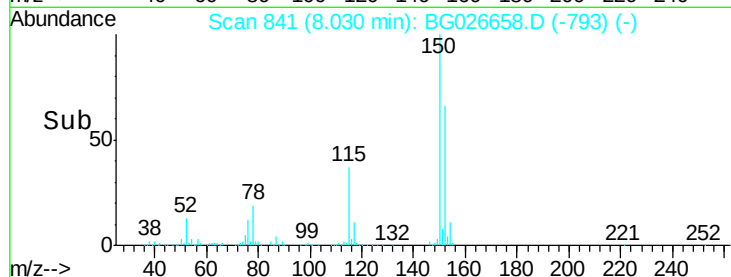
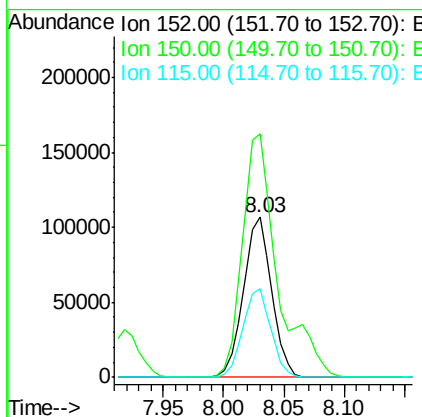
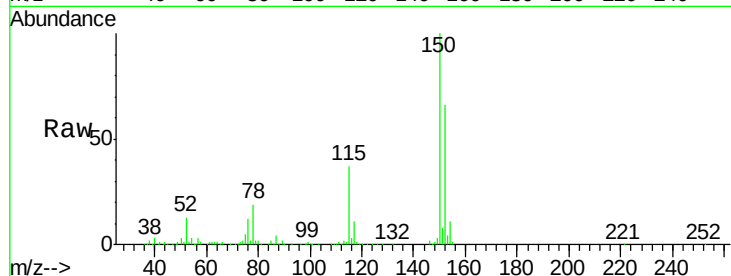
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	114.0	171.0
115	55.5	48.1	72.1

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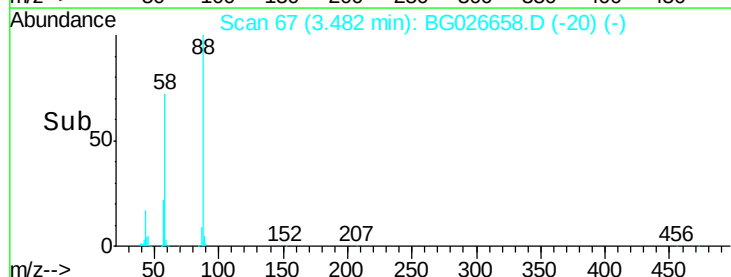
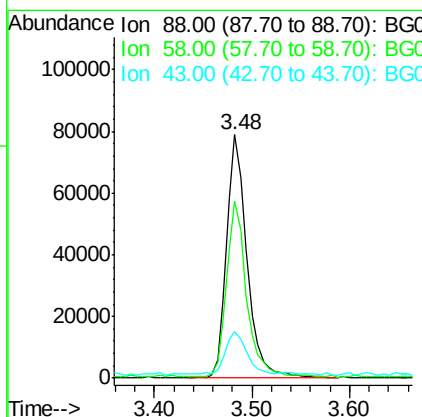
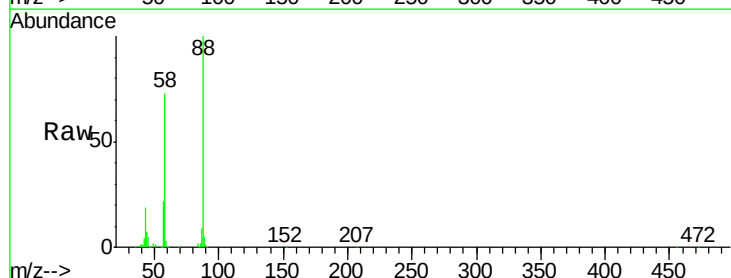
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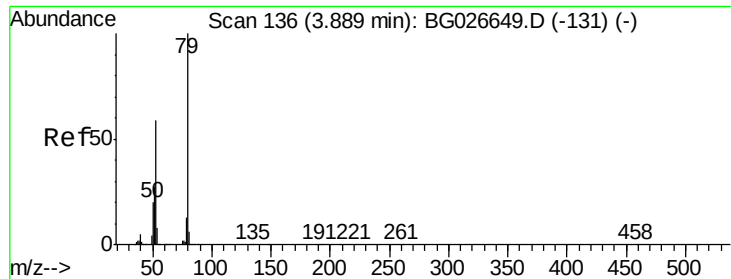


#2

1,4-Dioxane
Concen: 22.82 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	79.4	119.2#
43	18.3	33.8	50.6#





#3

Pvridine

Concen: 30.86 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

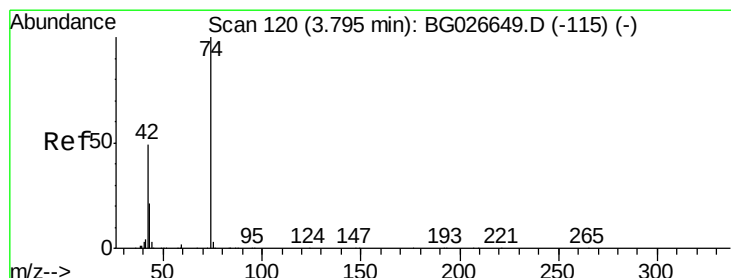
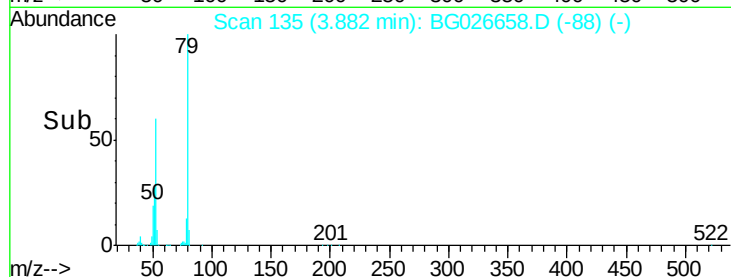
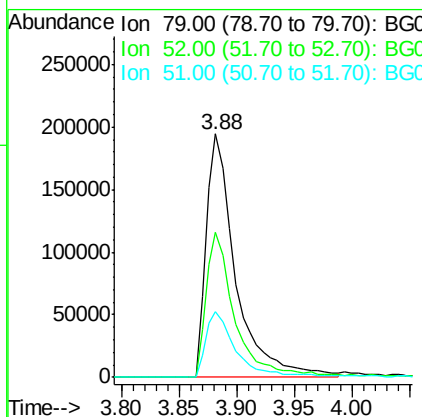
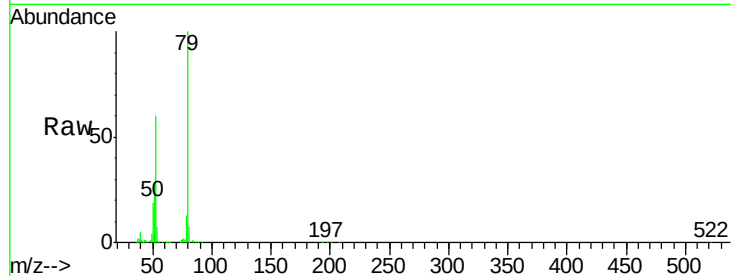
ClientSampled :

PB98333BSD

Tot Ion:	79	Resp:	346610
Ion Ratio	Lower	Upper	
79	100		
52	59.8	77.8	116.6#
51	26.8	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 36.11 ng

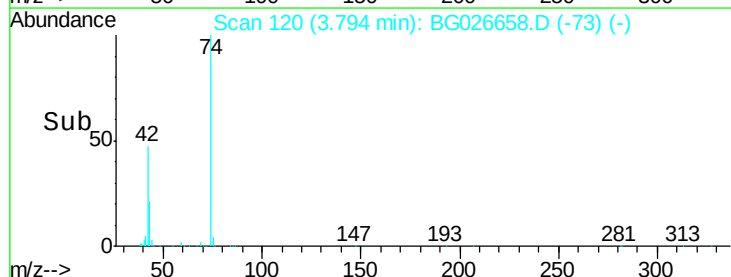
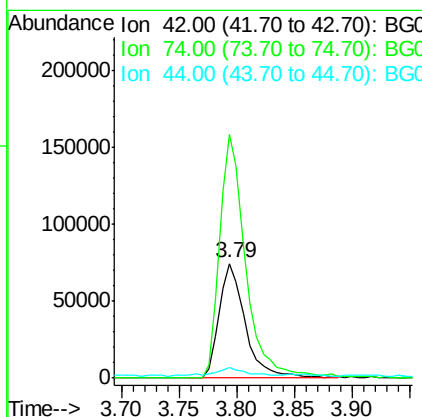
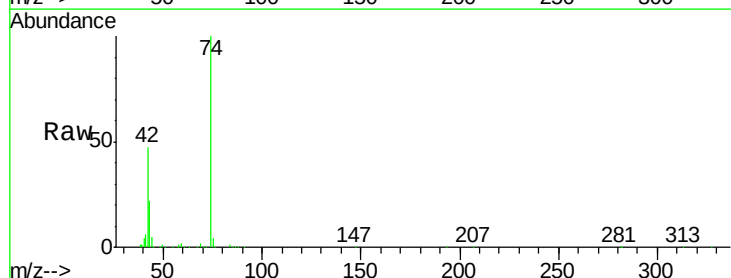
RT: 3.79 min Scan# 120

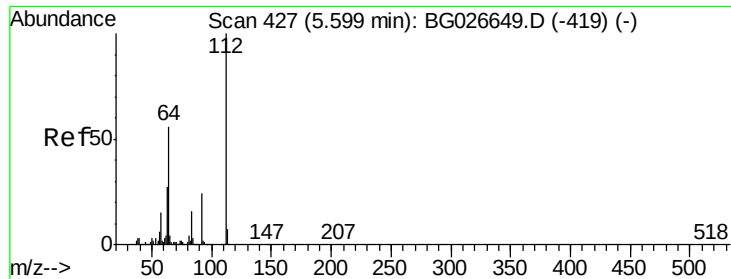
Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tgt Ion:	42	Resp:	117939
Ion Ratio	Lower	Upper	
42	100		
74	212.4	76.7	115.1#
44	9.8	6.1	9.1#





#5

2-Fluorophenol

Concen: 92.01 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

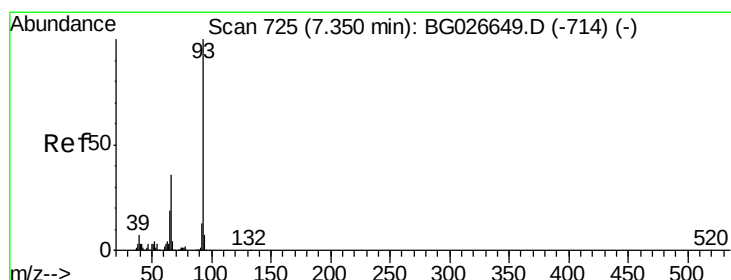
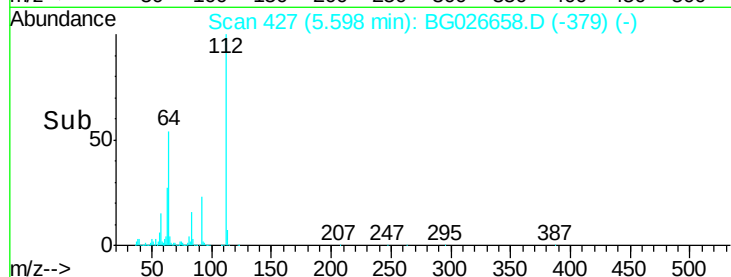
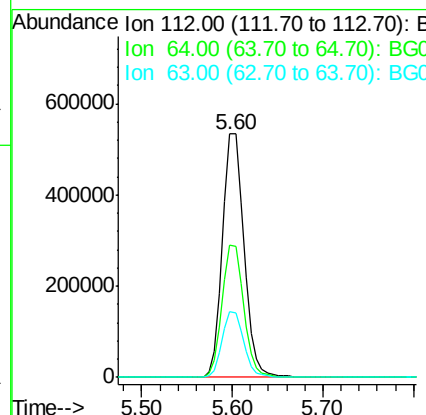
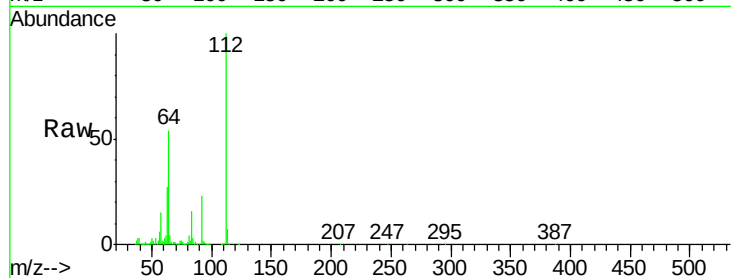
ClientSampleId :

PB98333BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	882662		
64	54.3	61.8	92.6#	
63	26.8	37.2	55.8#	

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#6

Aniline

Concen: 35.28 ng

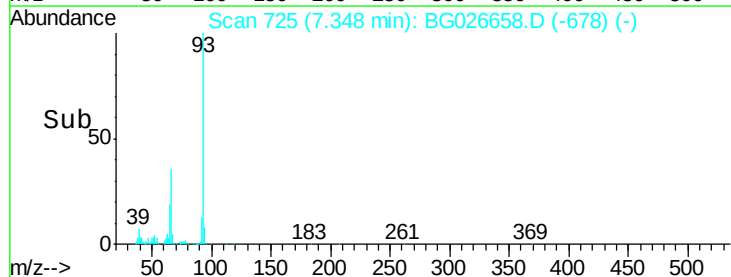
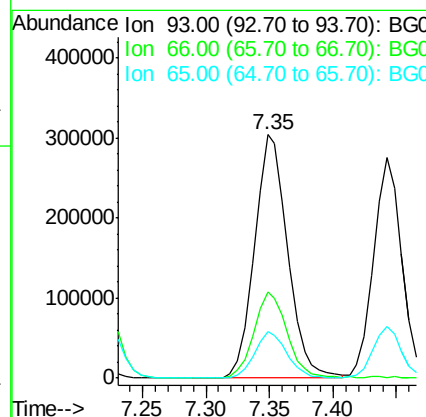
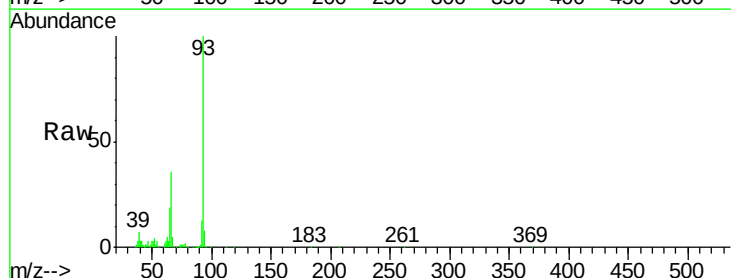
RT: 7.35 min Scan# 725

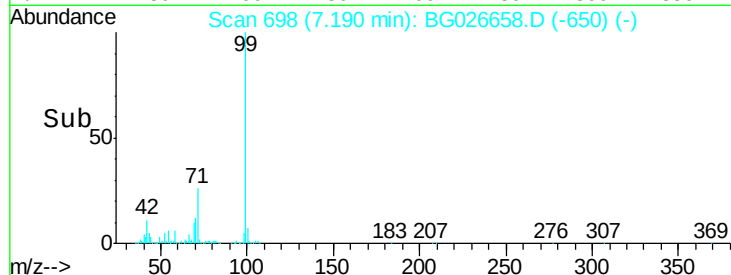
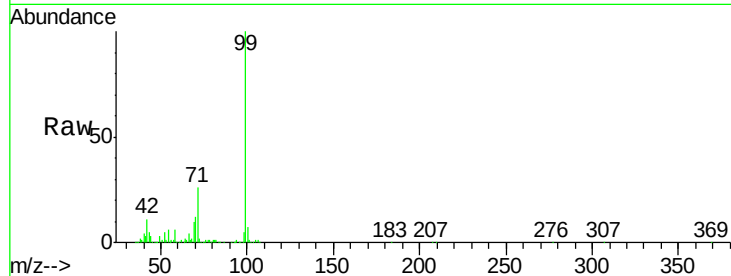
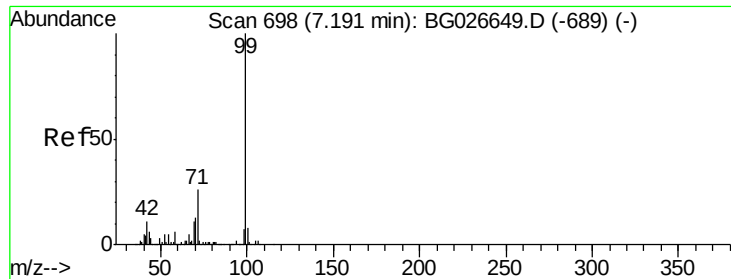
Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	553866		
66	35.6	35.4	53.2	
65	18.9	21.2	31.8#	





#7

Phenol-d6

Concen: 92.56 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tot Ion	99	Resp	1163531
Ion	Ratio	Lower	Upper
99	100		
42	10.9	20.5	30.7#
71	26.0	37.6	56.4#

Instrument :

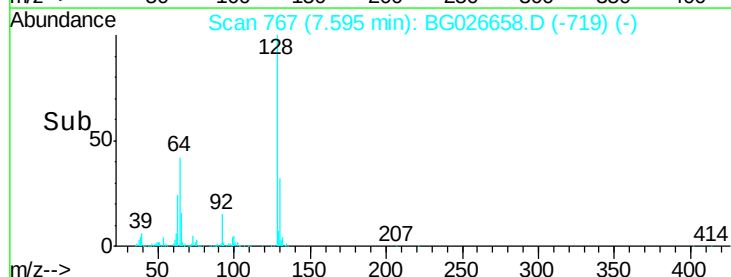
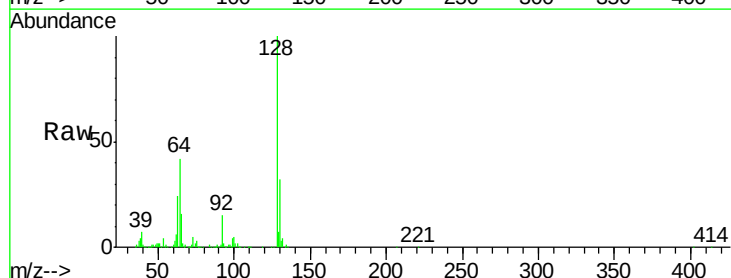
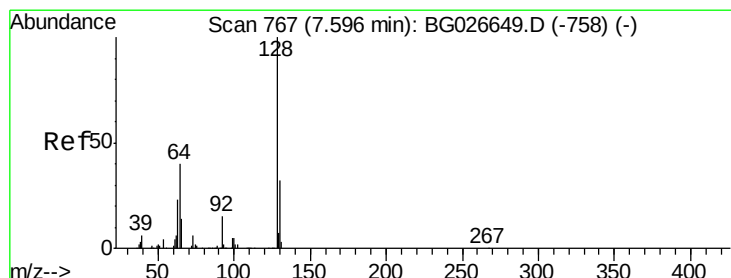
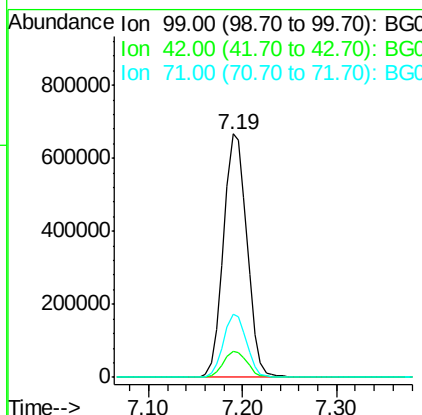
BNA_G

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#8

2-Chlorophenol

Concen: 42.68 ng

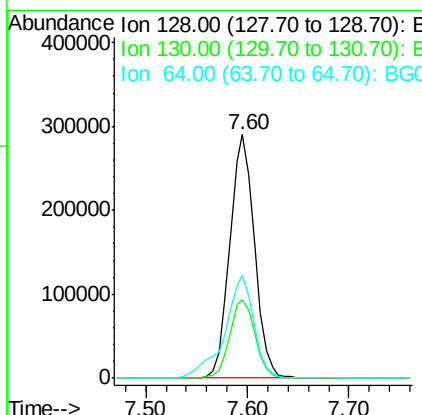
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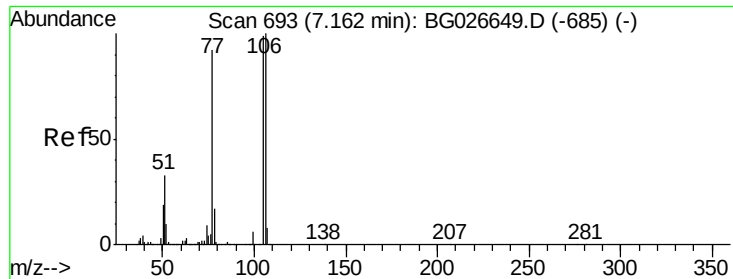
Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tgt Ion	128	Resp	488510
Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.4	51.4
64	42.2	46.6	86.6#





#9

Benzaldehyde

Concen: 6.67 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

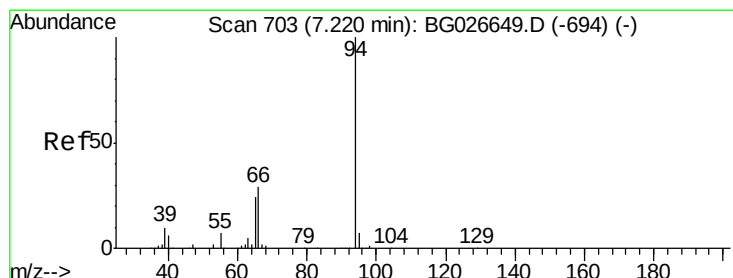
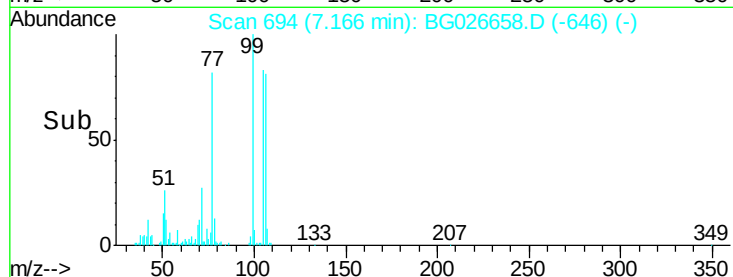
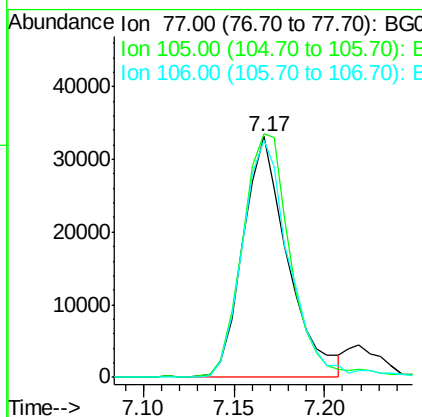
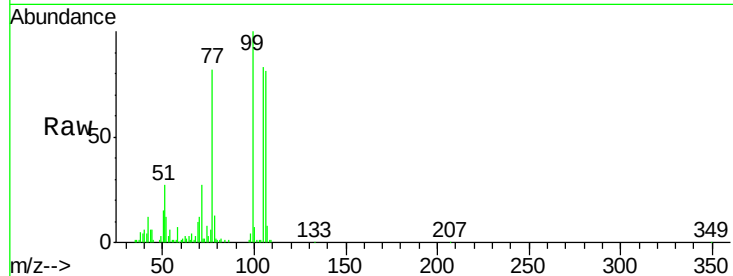
ClientSampleId :

PB98333BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.1	60.9	100.9#		
106	98.6	55.1	95.1#		

Manual Integrations
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#10

Phenol

Concen: 43.64 ng

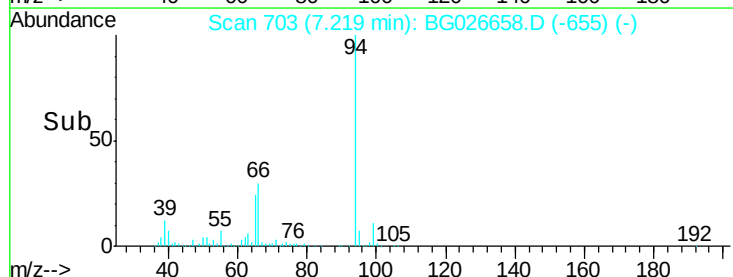
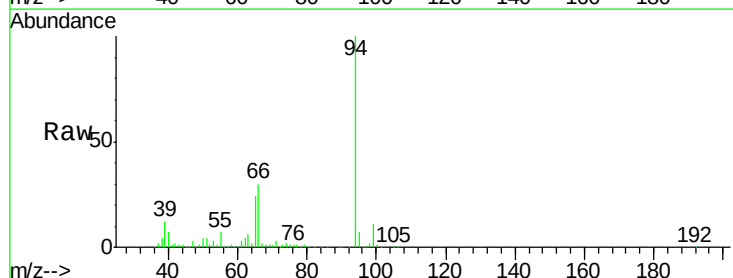
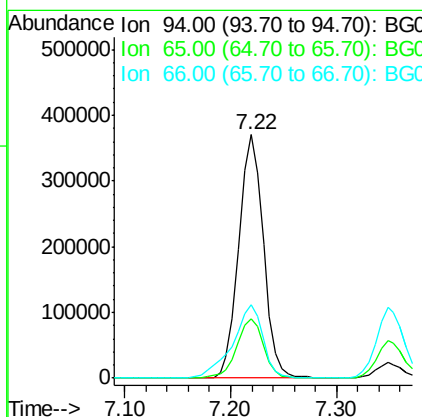
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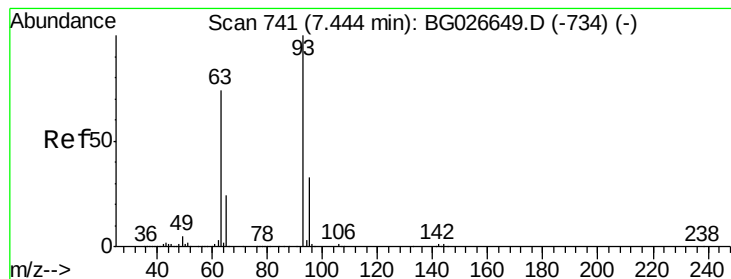
Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	24.2	20.6	60.6		
66	30.1	35.5	75.5#		





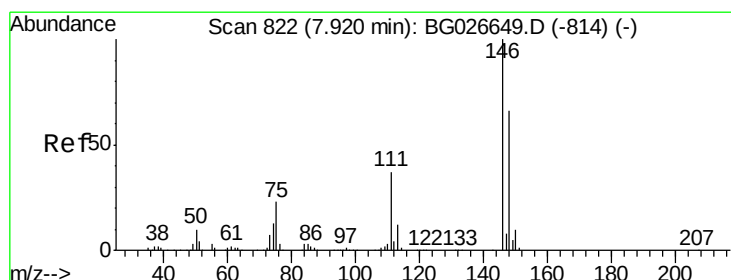
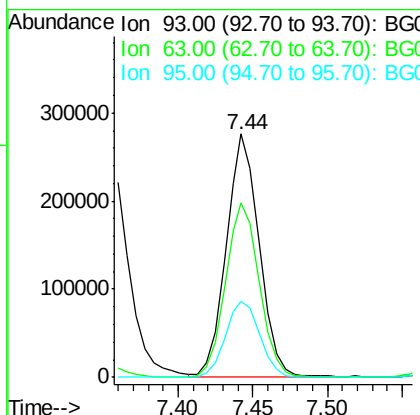
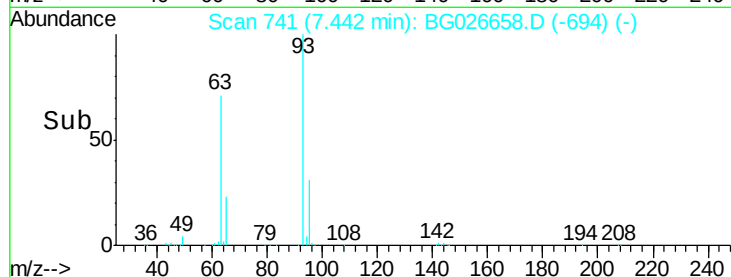
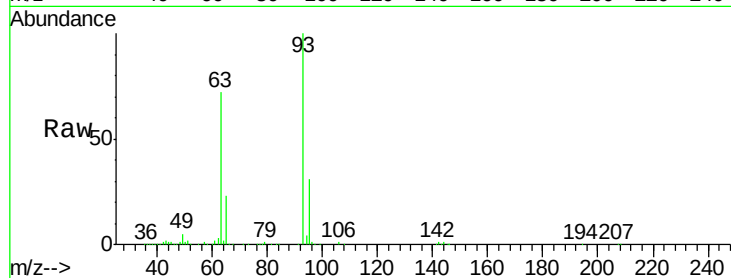
#11
bis(2-Chloroethyl)ether
Concen: 39.13 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	78.5	118.5#
95	31.2	9.8	49.8

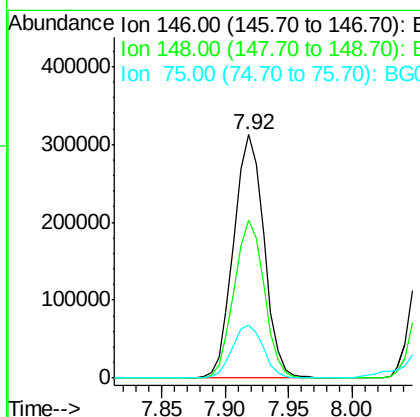
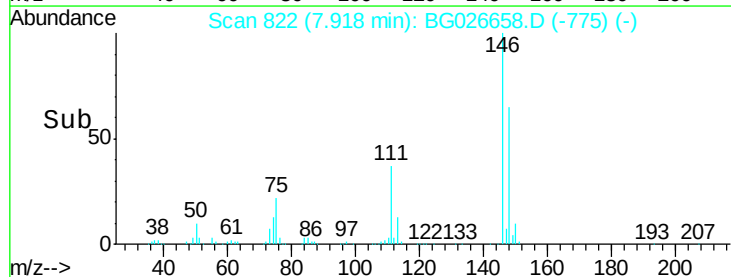
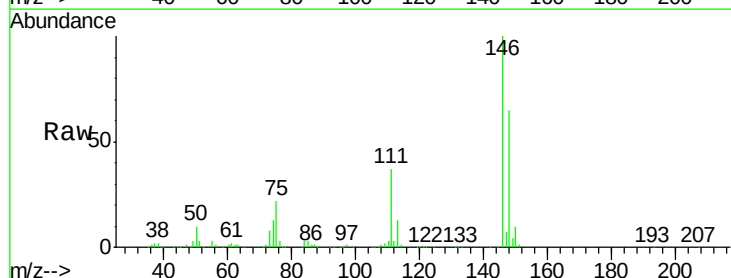
Manual Integrations
APPROVED

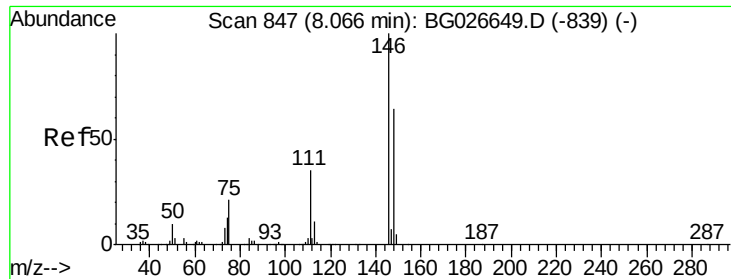
mohammad
4/20/2017 2:00:41 PM



#12
1,3-Dichlorobenzene
Concen: 38.35 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.2	73.8
75	21.9	33.4	50.2#





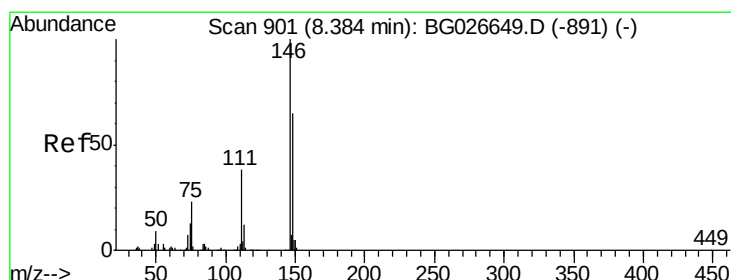
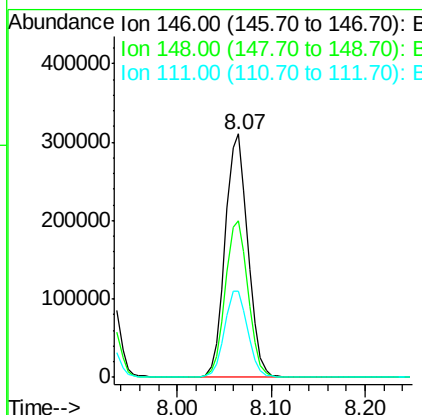
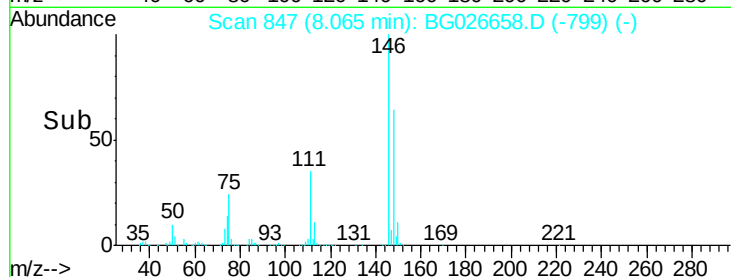
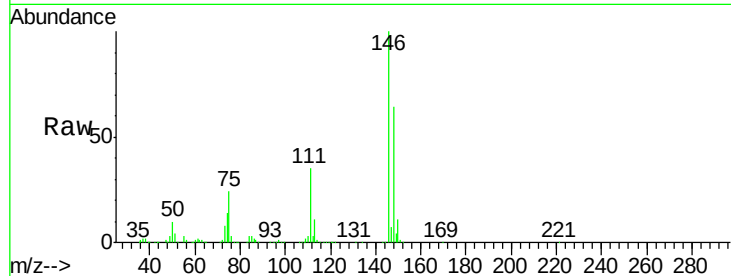
#13
 1,4-Dichlorobenzene
 Concen: 38.09 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	35.3	37.0	55.6

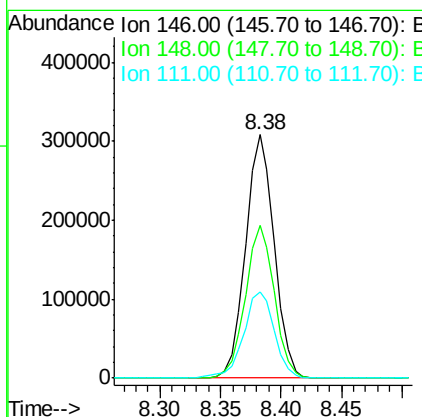
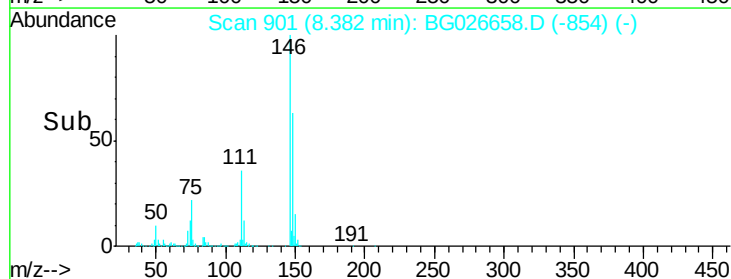
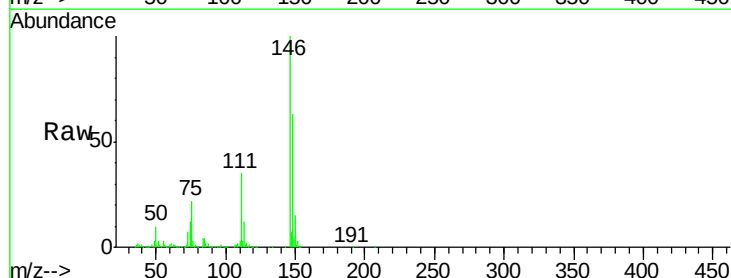
Manual Integrations
 APPROVED

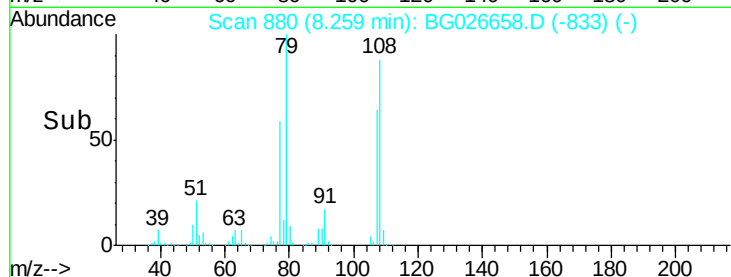
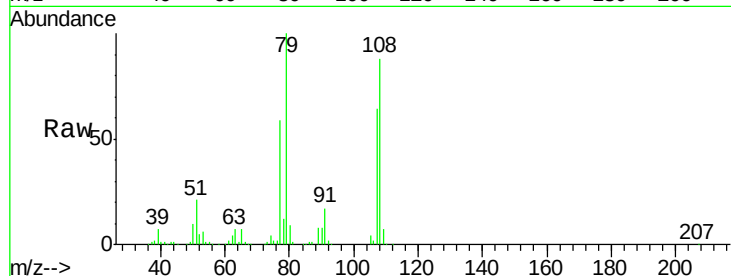
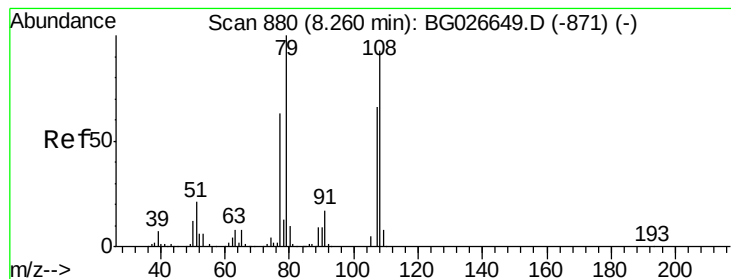
mohammad
 4/20/2017 2:00:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.32 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	54.6	81.8
111	35.5	39.7	59.5





#15

Benzyl Alcohol

Concen: 44.05 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tot Ion	Ratio	Lower	Upper
79	100		
108	88.5	45.5	68.3#
77	59.1	54.3	81.5

Instrument :

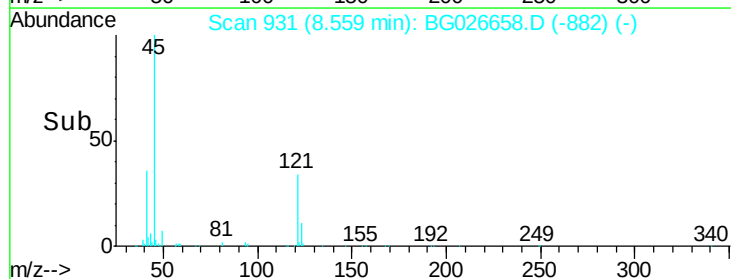
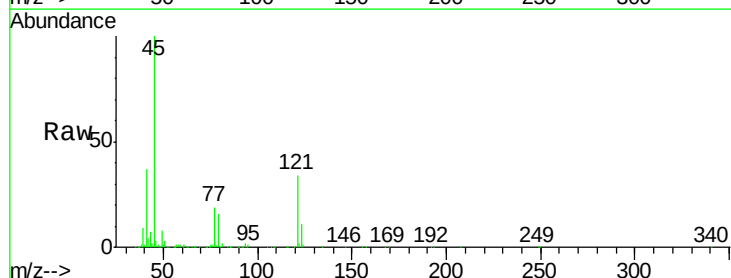
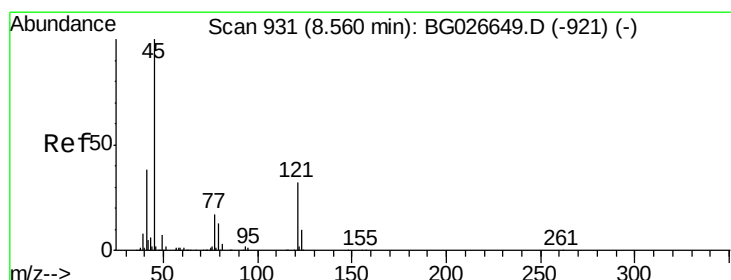
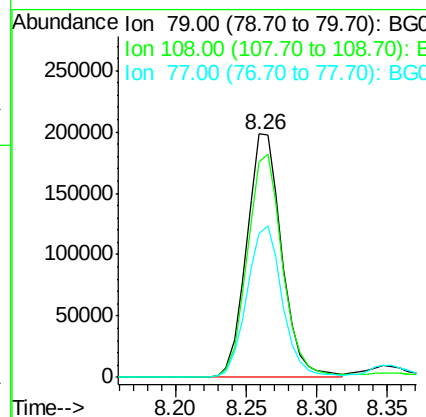
BNA_G

ClientSampled :

PB98333BSD

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.53 ng

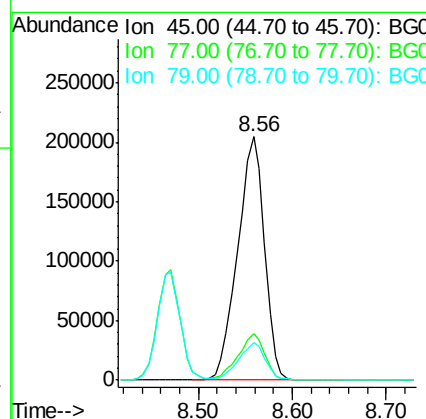
RT: 8.56 min Scan# 931

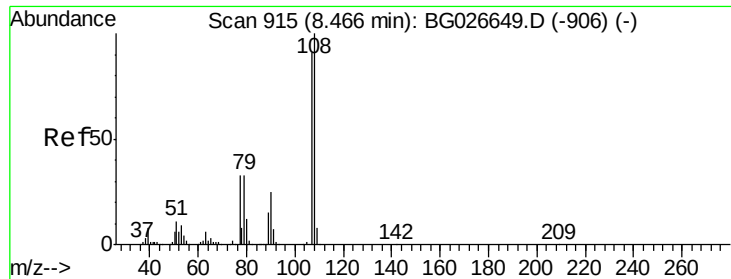
Delta R.T. -0.01 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	30.6
79	15.6	0.0	28.5





#17

2-Methylphenol

Concen: 43.57 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

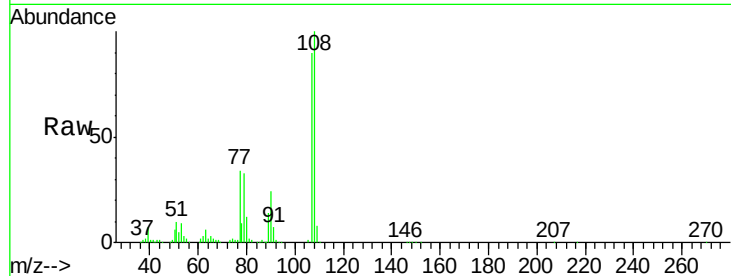
ClientSampleId :

PB98333BSD

Tot Ion:	107	Resp:	417570
Ion Ratio	Lower	Upper	
107	100		
108	110.9	85.6	128.4
77	37.5	51.4	77.2#
79	36.6	49.2	73.8#

Manual Integrations
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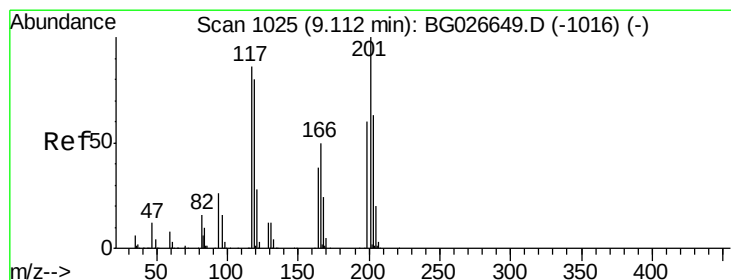
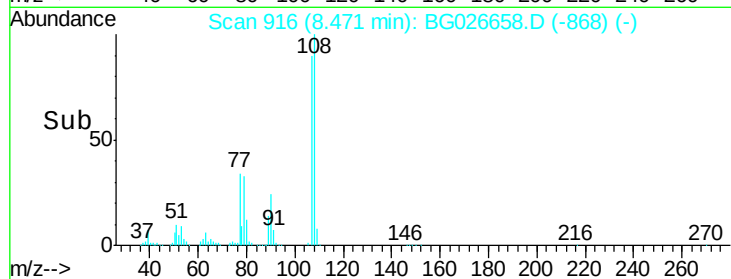
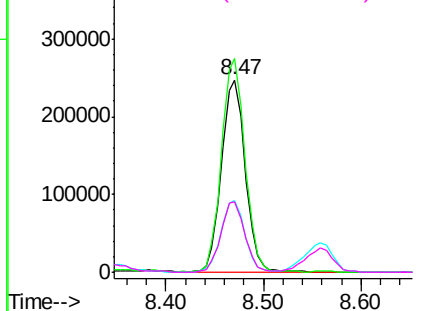
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.49 ng

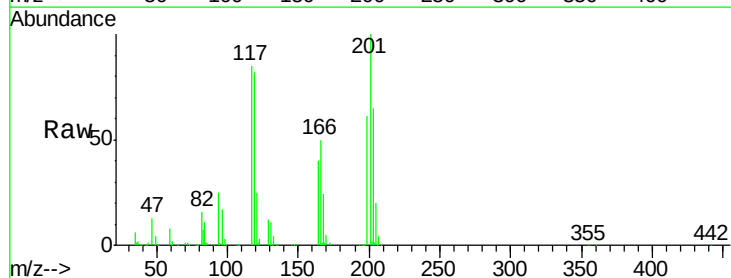
RT: 9.11 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tgt Ion:	117	Resp:	166410
Ion Ratio	Lower	Upper	
117	100		
119	97.1	69.8	104.6
201	118.3	95.4	143.0

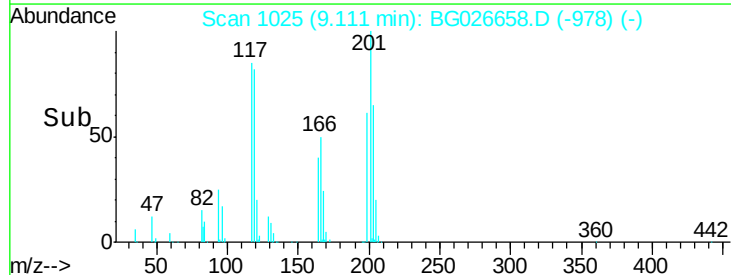
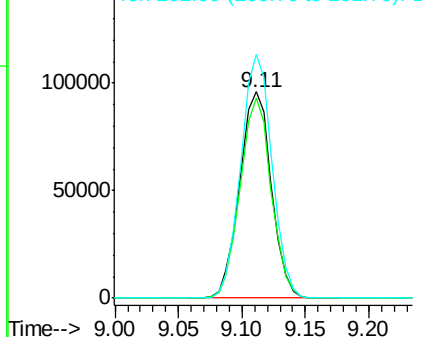


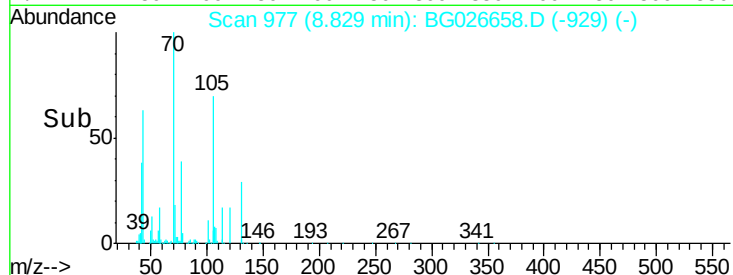
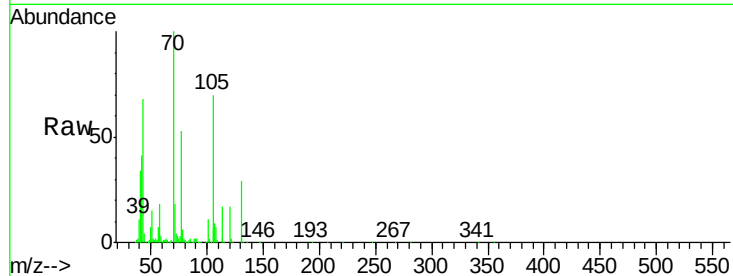
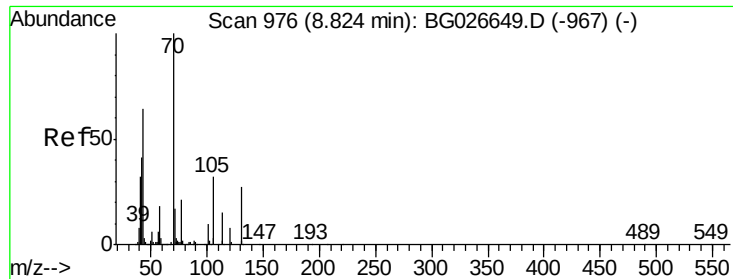
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





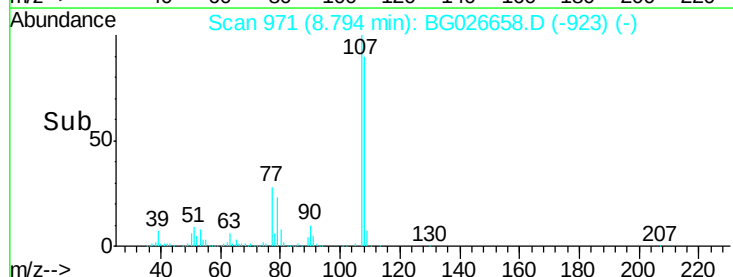
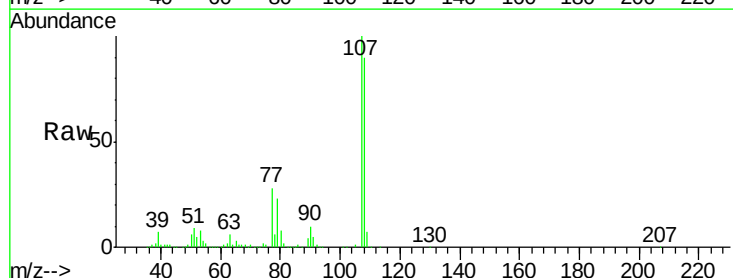
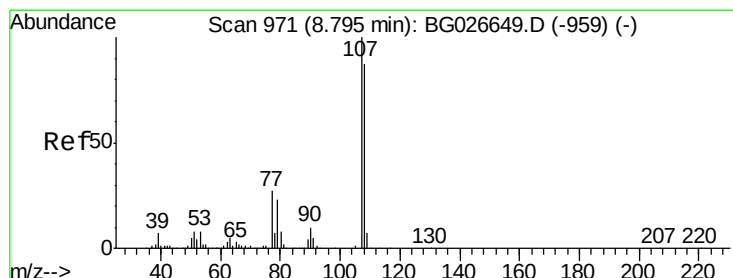
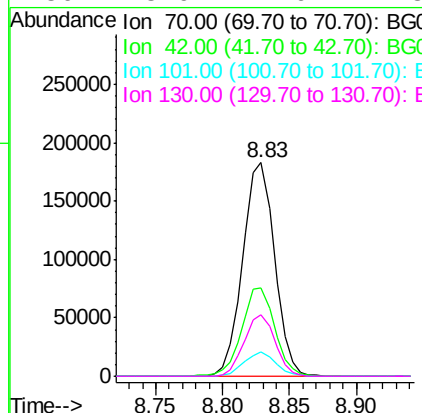
#19
n-Nitroso-di-n-propylamine
Concen: 38.76 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.4	56.1	84.1#		
101	11.4	7.5	11.3#		
130	28.9	14.6	21.8#		

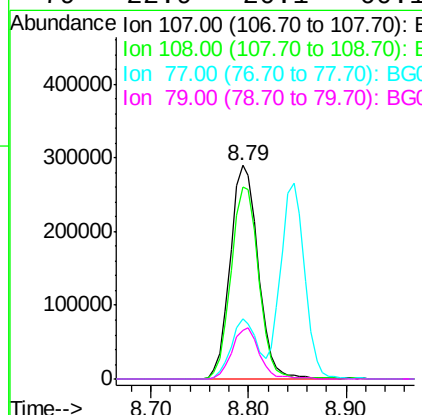
Manual Integrations
APPROVED

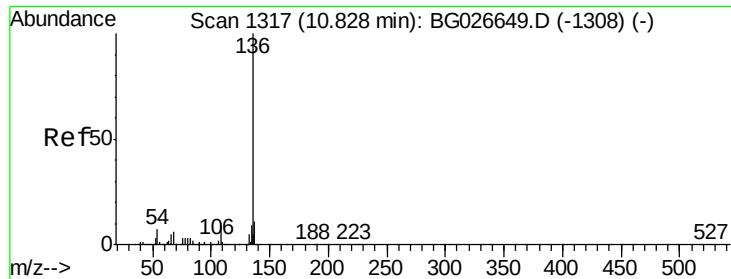
mohammad
4/20/2017 2:00:41 PM



#20
3+4-Methylphenols
Concen: 43.76 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.1	70.8	110.8		
77	28.4	25.8	65.8		
79	22.9	20.1	60.1		





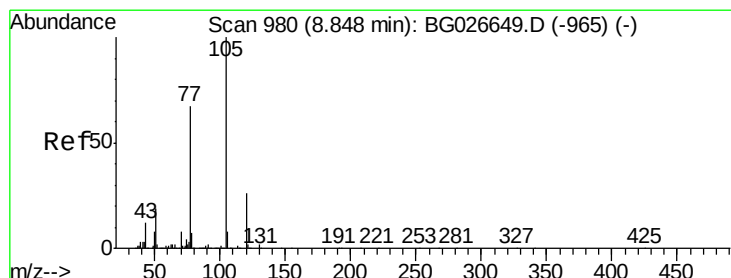
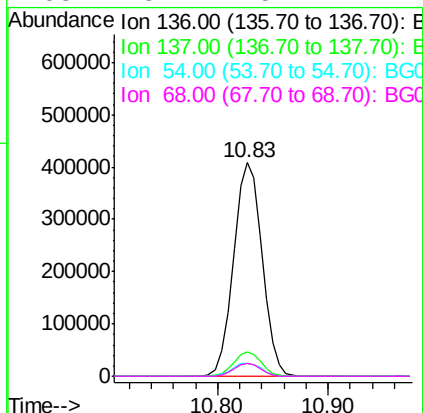
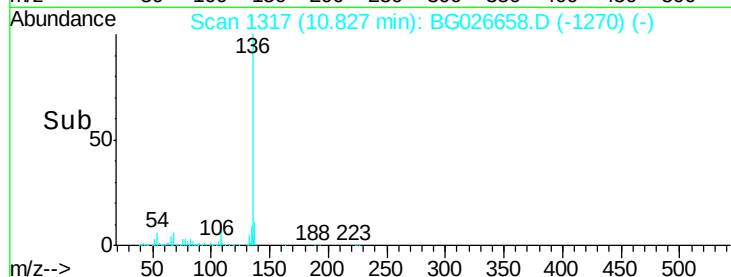
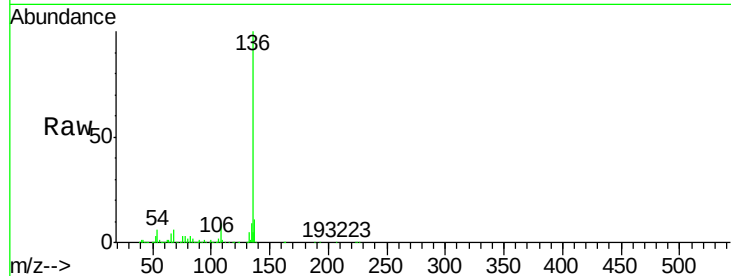
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	741090		
137	11.2	8.9	13.3	
54	6.2	9.3	13.9	
68	5.7	5.1	7.7	

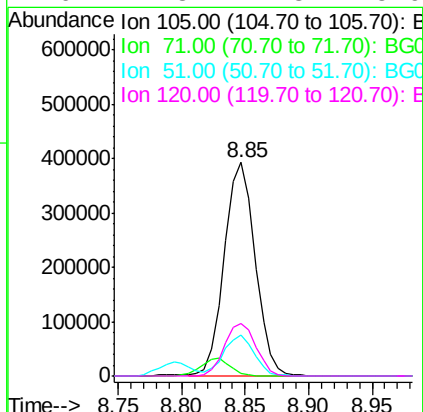
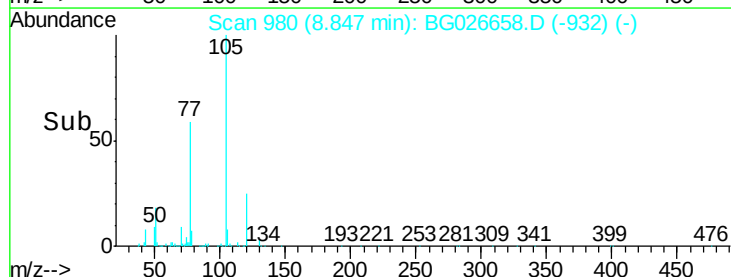
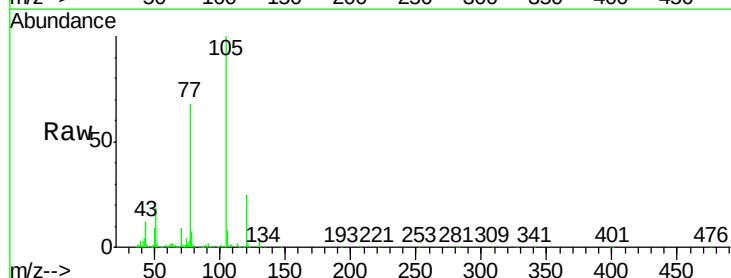
Manual Integrations
APPROVED

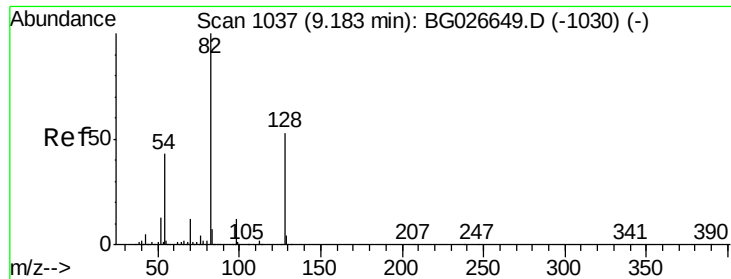
mohammad
4/20/2017 2:00:41 PM



#22
Acetophenone
Concen: 38.97 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659918		
71	1.1	0.9	1.3	
51	19.2	34.0	51.0	
120	24.8	17.3	25.9	





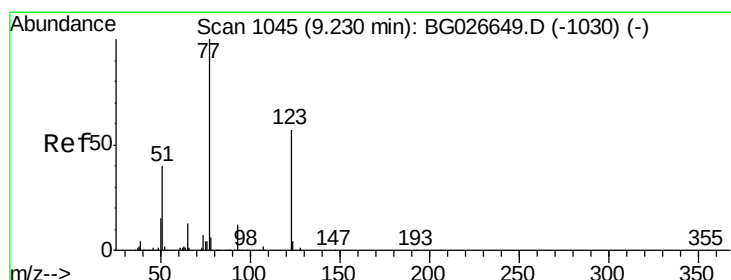
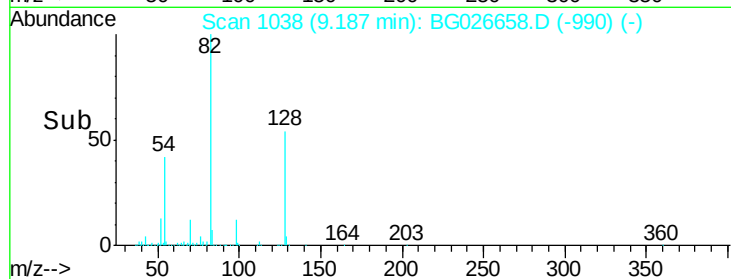
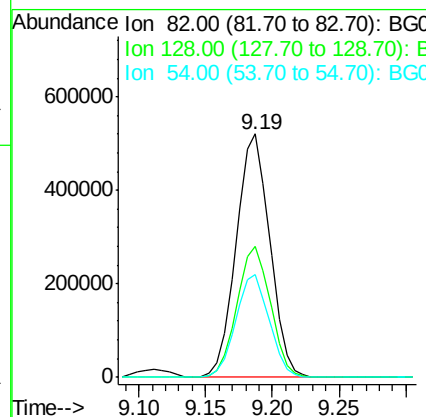
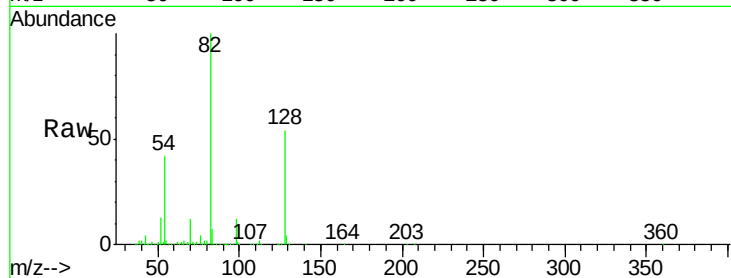
#23
 Nitrobenzene-d5
 Concen: 85.64 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	53.9	26.4	39.6#	
54	42.3	49.4	74.2#	

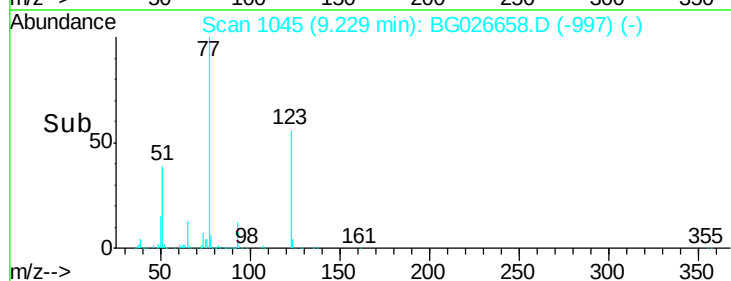
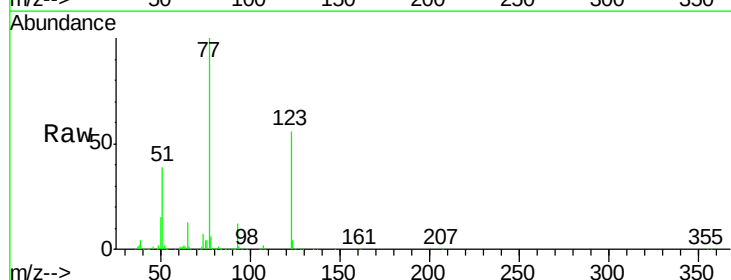
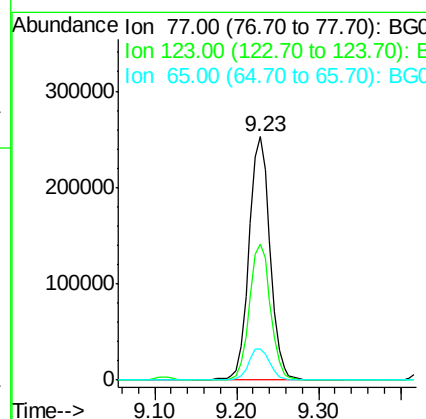
Manual Integrations
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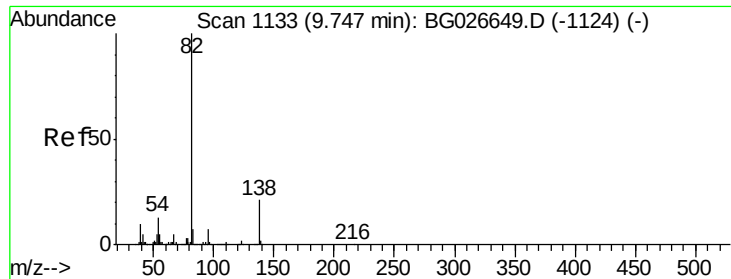
mohammad
 4/20/2017 2:00:41 PM



#24
 Nitrobenzene
 Concen: 39.87 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	56.2	26.1	39.1#	
65	13.0	12.4	18.6	





#25

Isophorone

Concen: 40.18 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

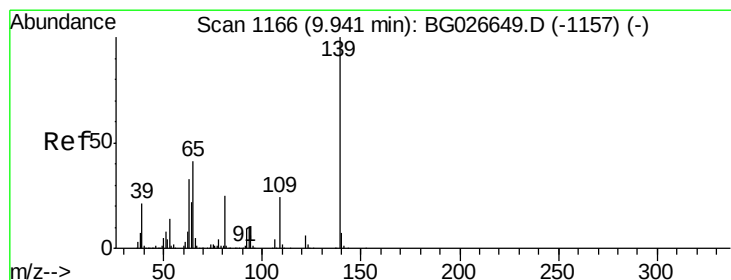
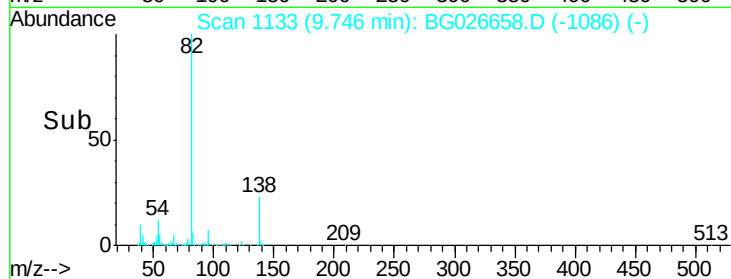
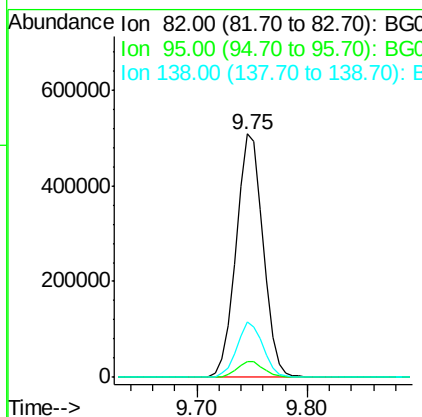
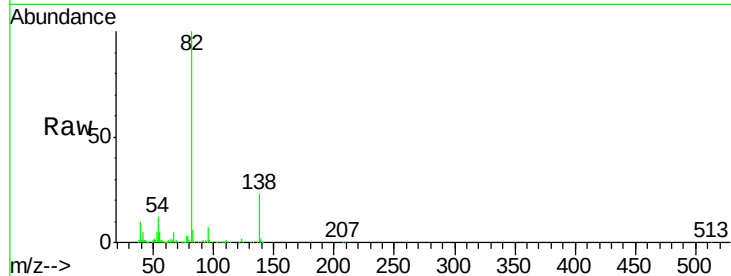
ClientSampleId :

PB98333BSD

Tot Ion:	82	Resp:	874852
Ion Ratio	Lower	Upper	
82	100		
95	6.7	7.5	11.3#
138	22.6	12.3	18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.57 ng

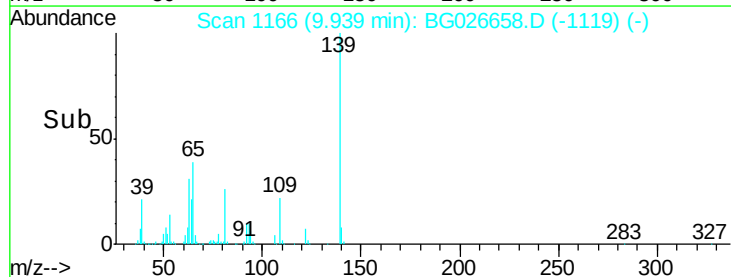
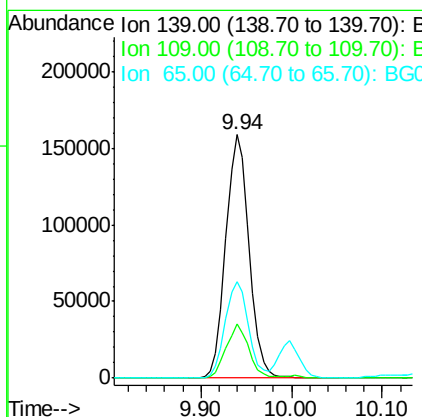
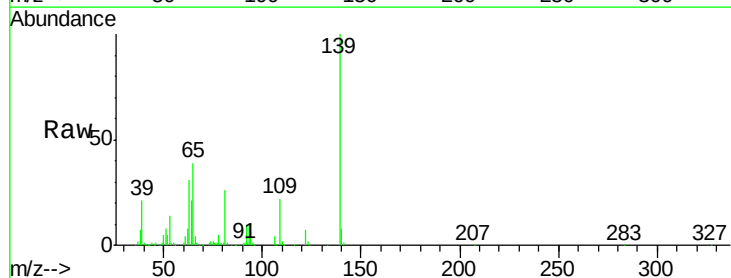
RT: 9.94 min Scan# 1166

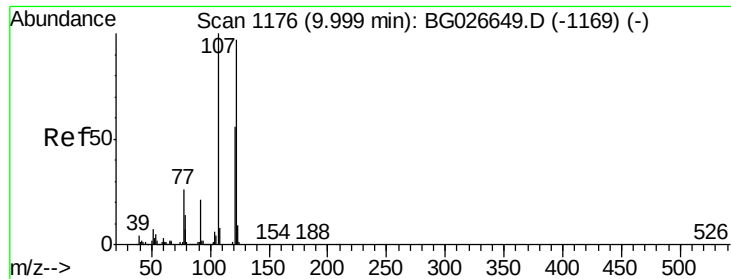
Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tgt Ion:	139	Resp:	283259
Ion Ratio	Lower	Upper	
139	100		
109	22.3	38.6	58.0#
65	39.5	57.1	85.7#





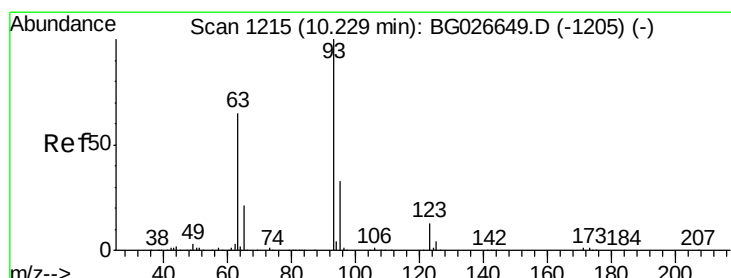
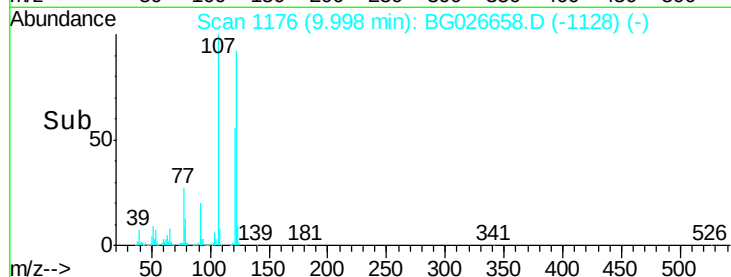
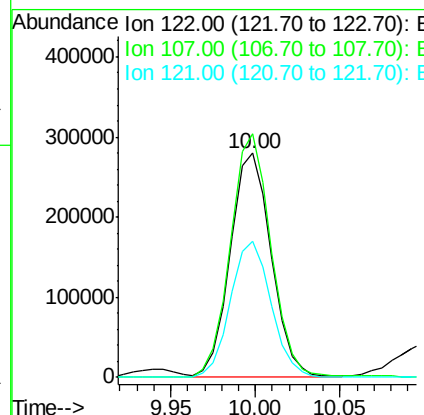
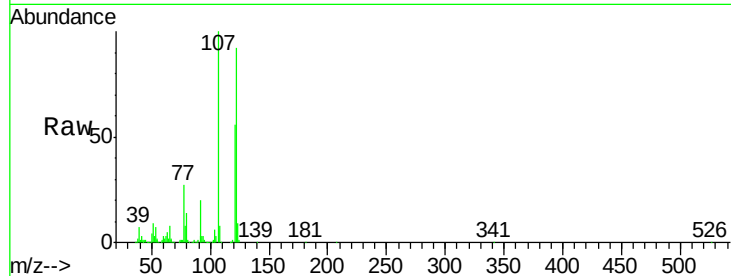
#27
 2,4-Dimethylphenol
 Concen: 42.68 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	469361		
107	108.6	104.2	156.4	
121	60.6	46.0	69.0	

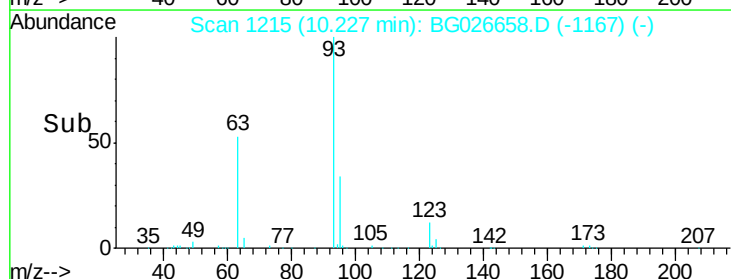
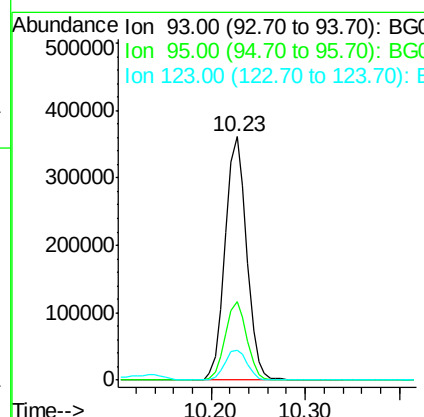
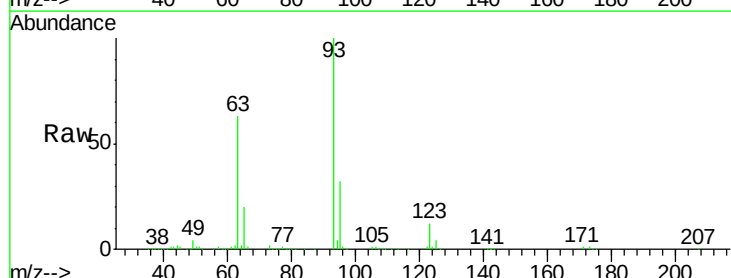
Manual Integrations
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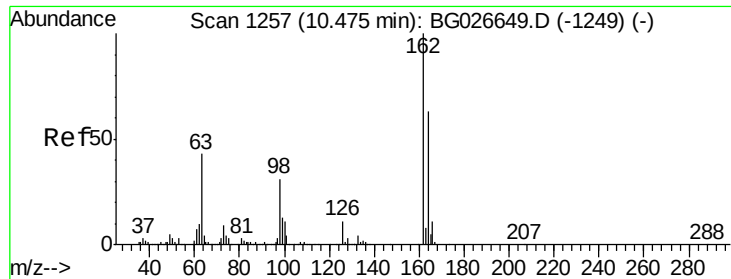
mohammad
 4/20/2017 2:00:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.55 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	577108		
95	32.5	25.7	38.5	
123	12.3	8.3	12.5	





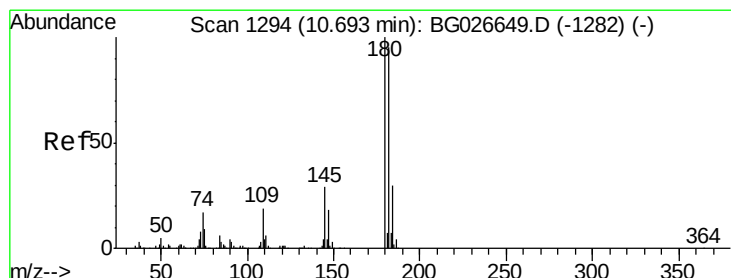
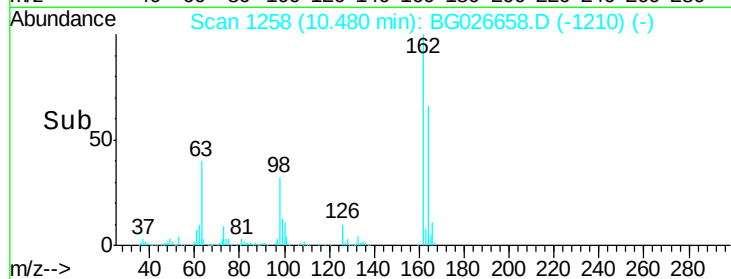
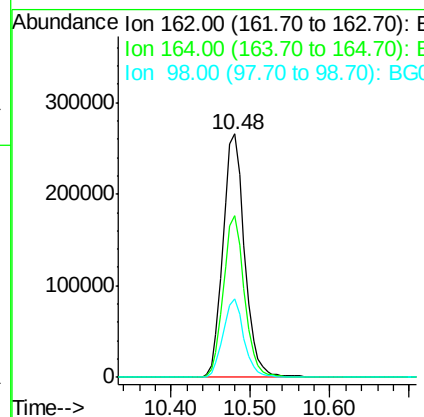
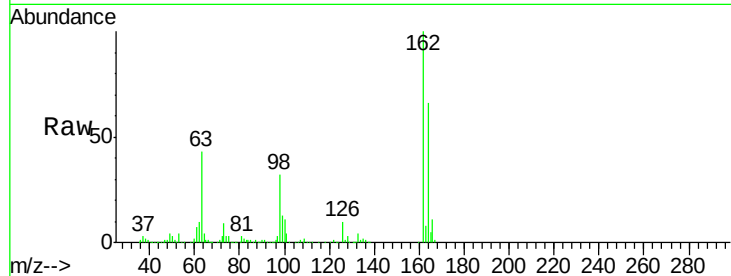
#29
2,4-Dichlorophenol
Concen: 43.72 ng
RT: 10.48 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	502840		
164	66.2	42.4	82.4	
98	32.0	20.3	60.3	

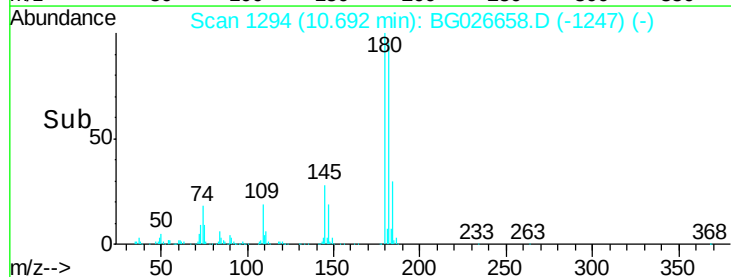
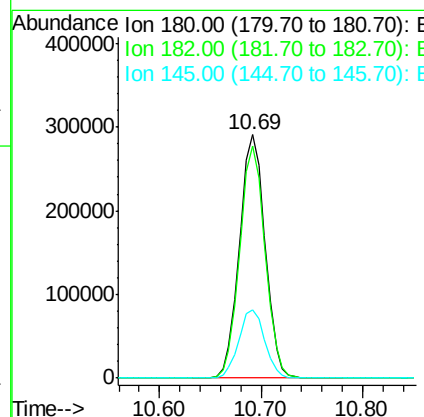
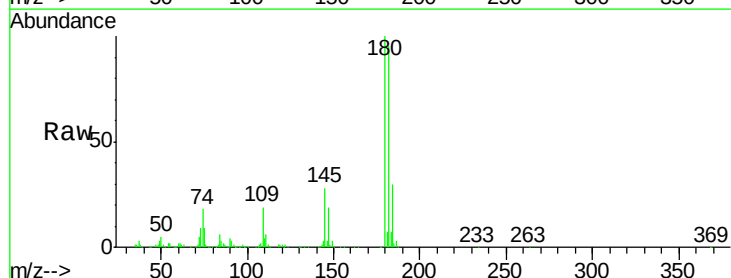
Manual Integrations
APPROVED

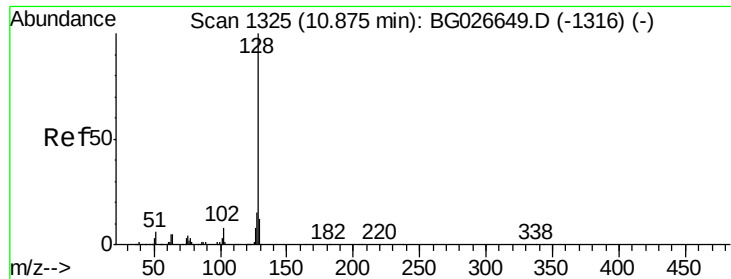
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.81 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	510396		
182	95.1	77.0	115.4	
145	28.2	23.4	35.0	





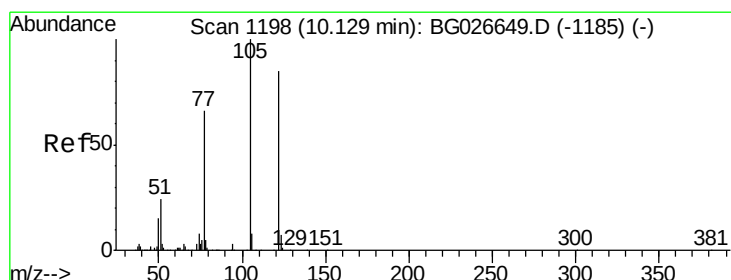
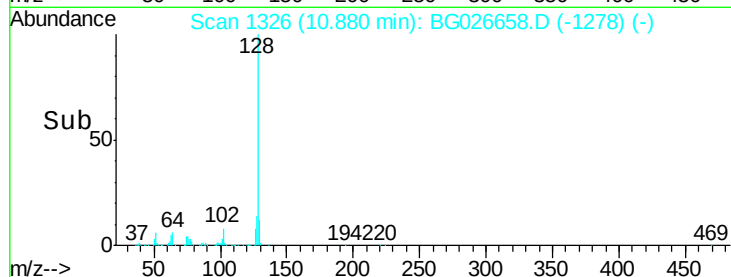
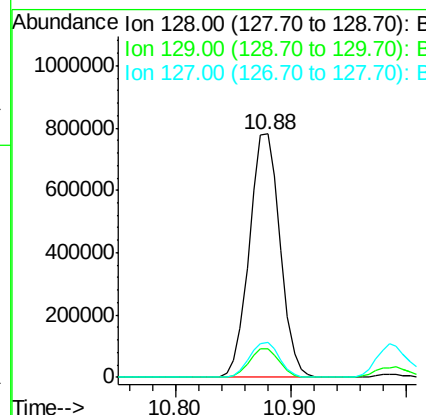
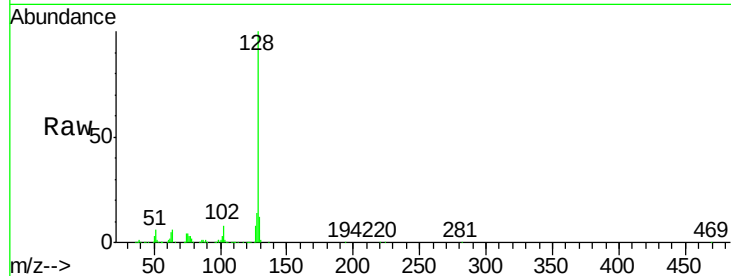
#31
Naphthalene
Concen: 39.76 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.2	11.4	17.0

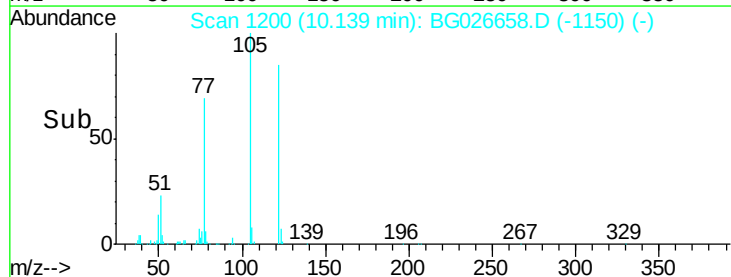
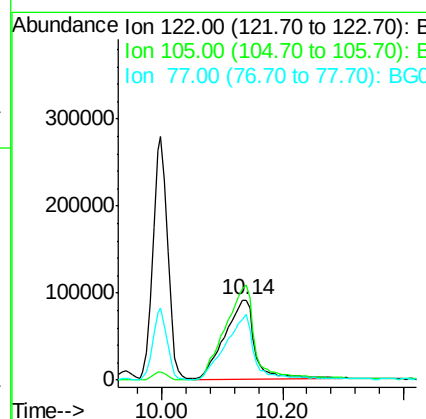
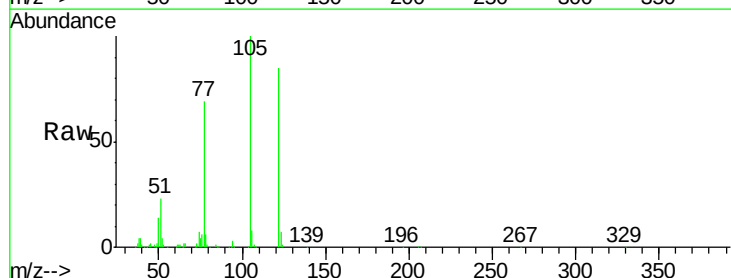
Manual Integrations
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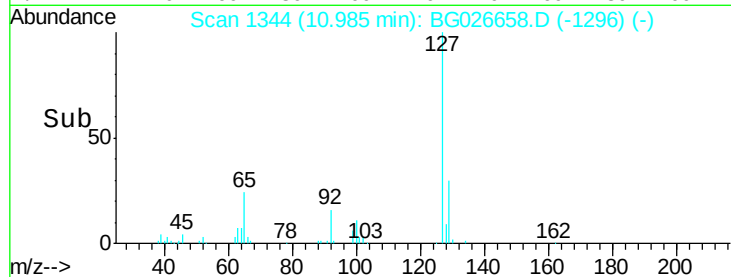
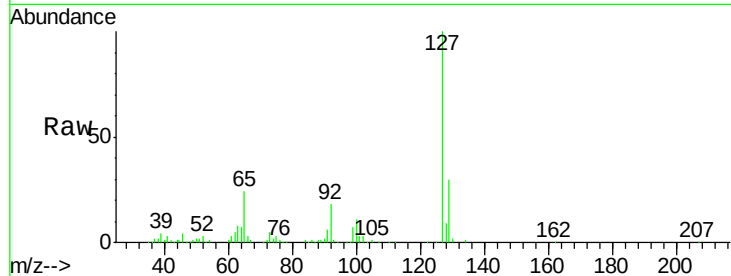
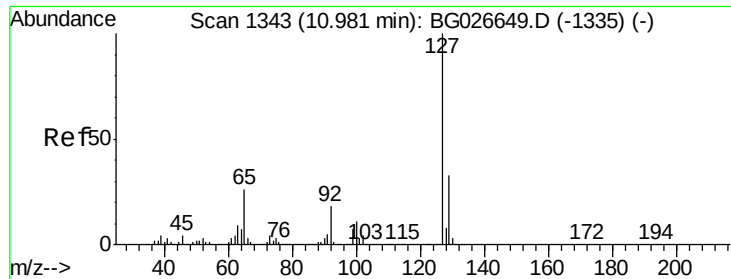
mohammad
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#32
Benzoic acid
Concen: 42.86 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	120.1	160.1#
77	81.5	104.6	144.6#





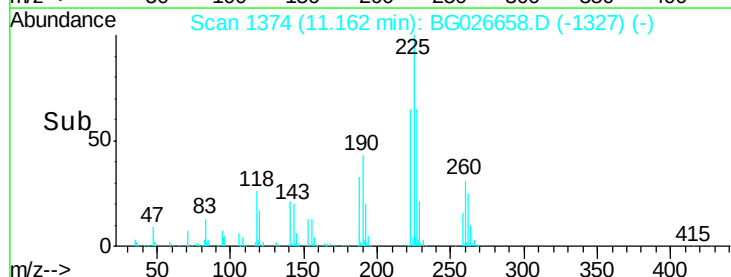
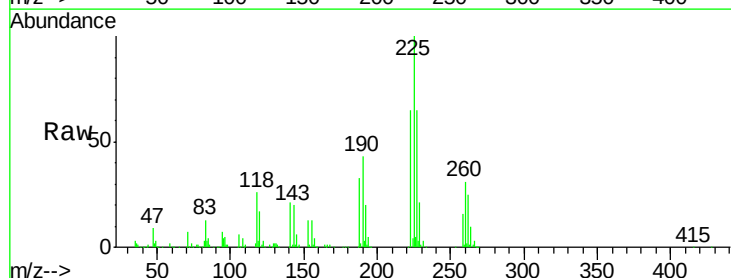
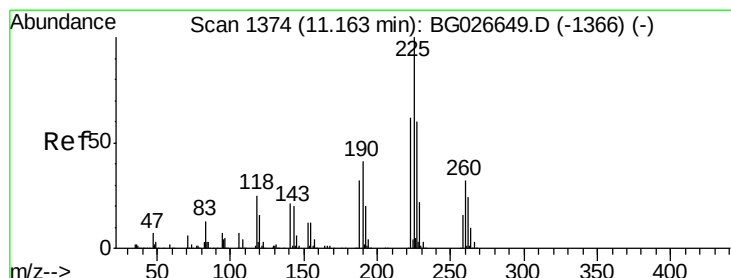
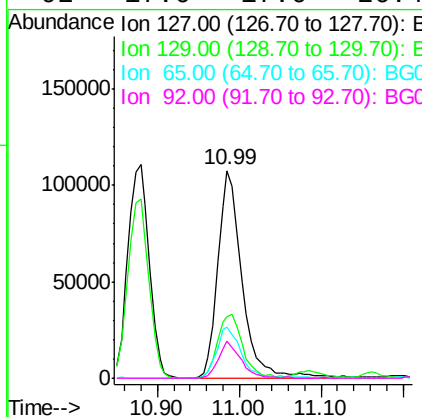
#33
4-Chloroaniline
Concen: 14.12 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		220257		
129	29.8	23.6	35.4		
65	24.5	37.7	56.5		
92	17.6	17.6	26.4		

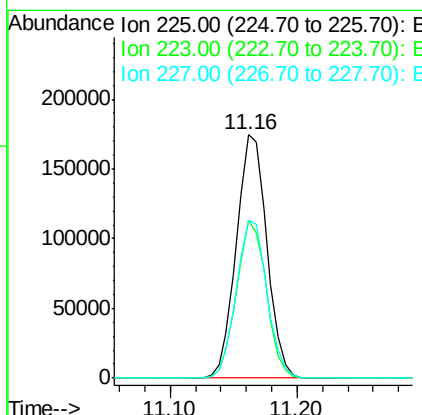
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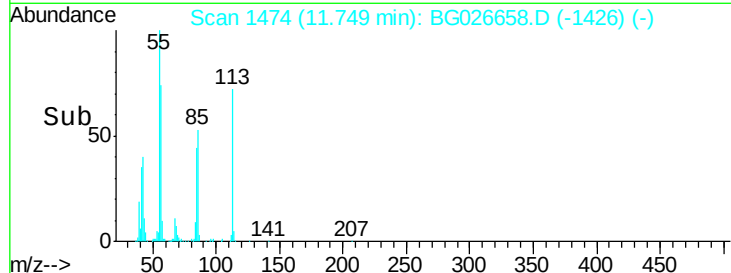
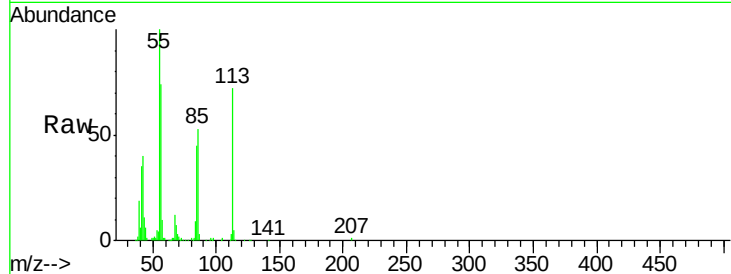
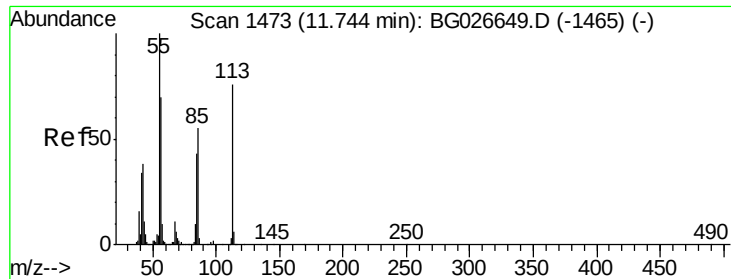
mohammad
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#34
Hexachlorobutadiene
Concen: 39.70 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		291017		
223	64.9	50.7	76.1		
227	65.0	49.0	73.6		





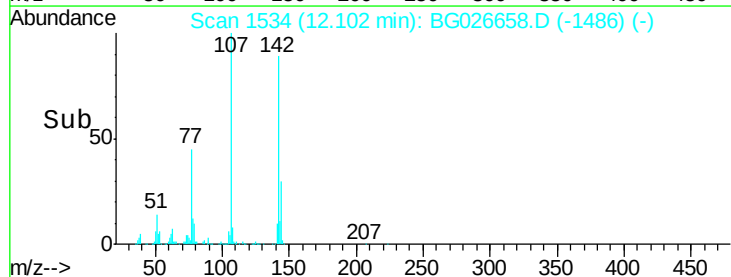
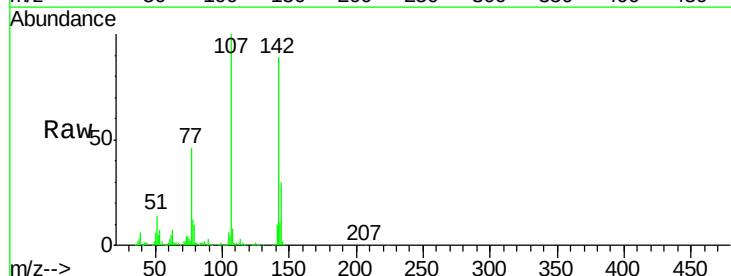
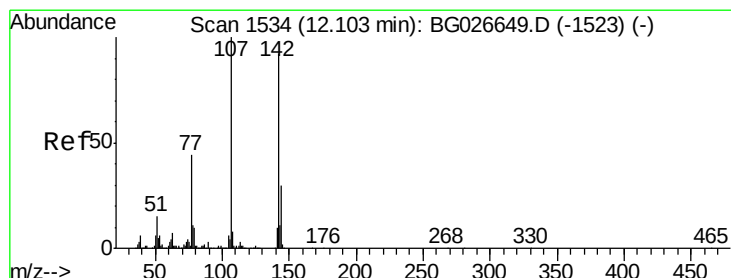
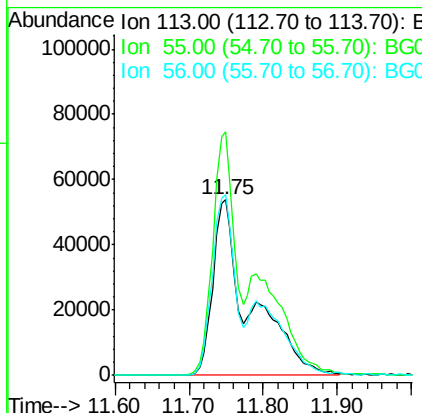
#35
Caprolactam
Concen: 41.98 ng/ml
RT: 11.75 min Scan# 1474
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleID :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.6	198.6	238.6#
56	102.8	140.4	180.4#

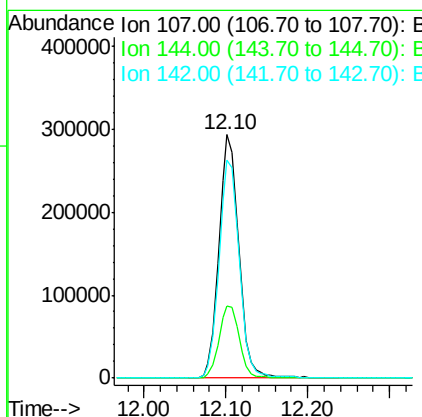
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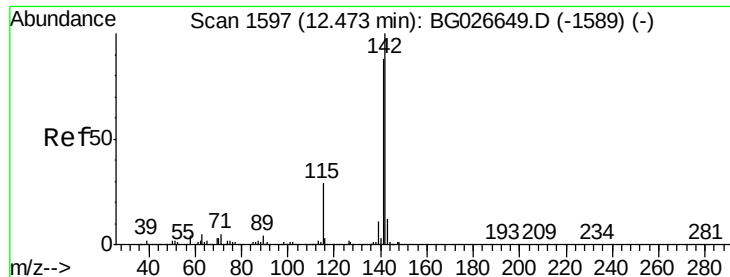
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#36
4-Chloro-3-methylphenol
Concen: 43.04 ng/ml
RT: 12.10 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.7	17.4	26.0#
142	89.4	54.1	81.1#





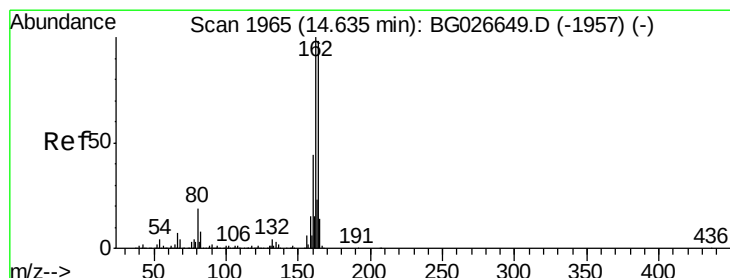
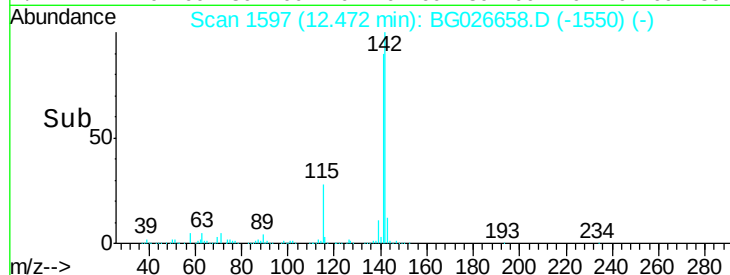
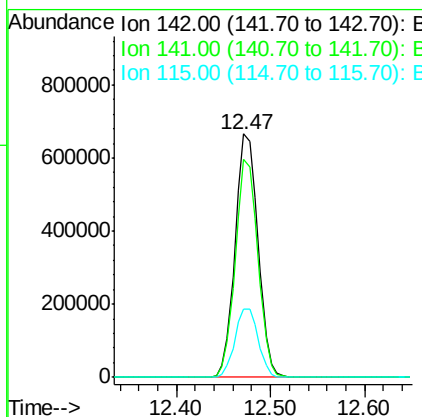
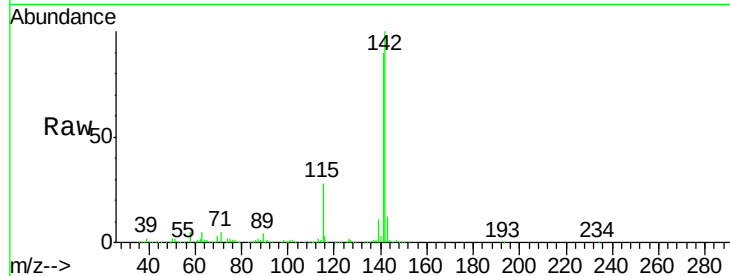
#37
2-Methylnaphthalene
Concen: 40.22 ng
RT: 12.47 min Scan# 1597
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.4	105.6
115	28.3	35.5	53.3

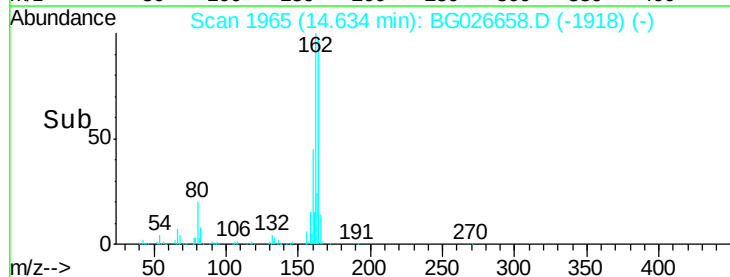
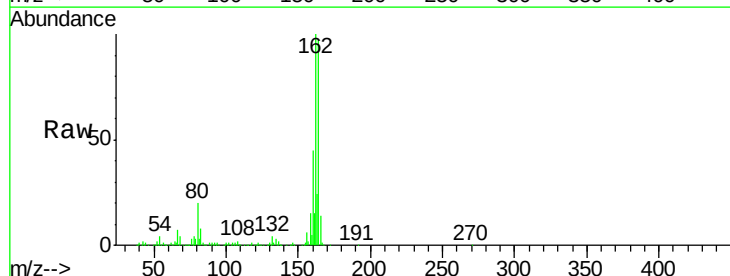
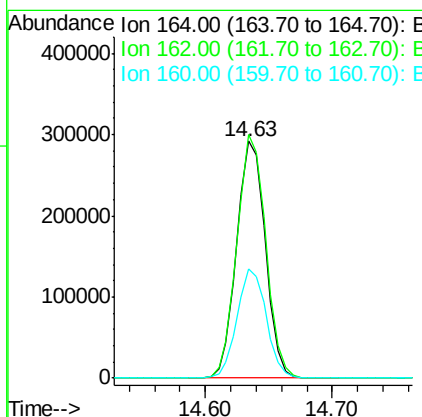
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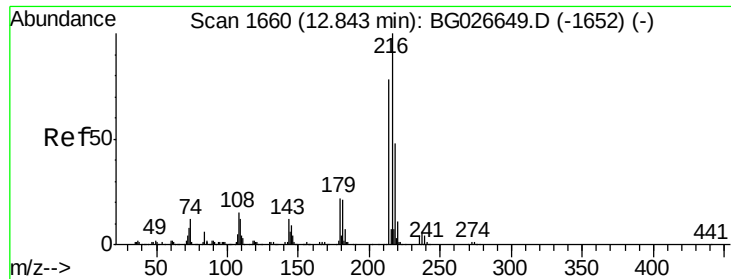
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	46.0	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.73 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

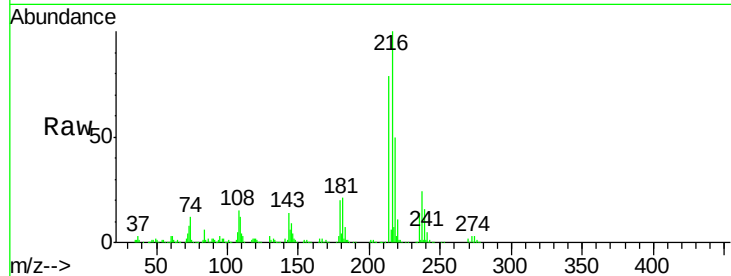
ClientSampleId :

PB98333BSD

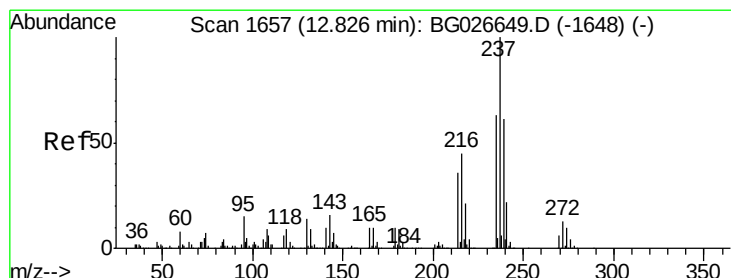
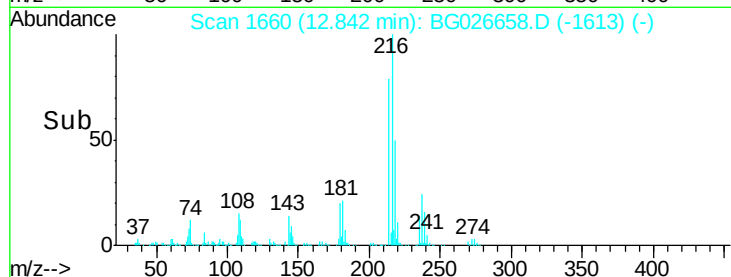
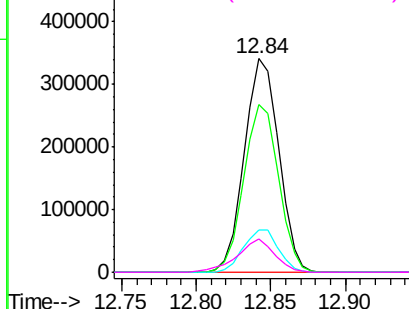
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.2		64.4	96.6	
179	20.3		17.4	26.0	
108	16.9		15.6	23.4	

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



#40

Hexachlorocyclopentadiene

Concen: 89.79 ng

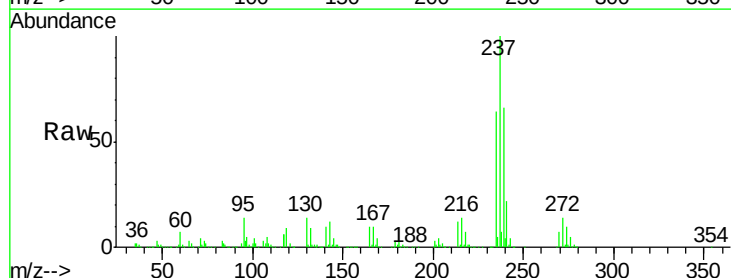
RT: 12.82 min Scan# 1657

Delta R.T. -0.02 min

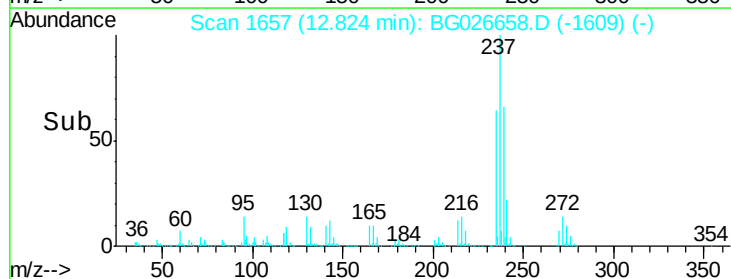
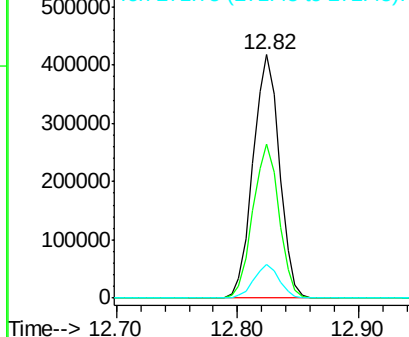
Lab File: BG026658.D

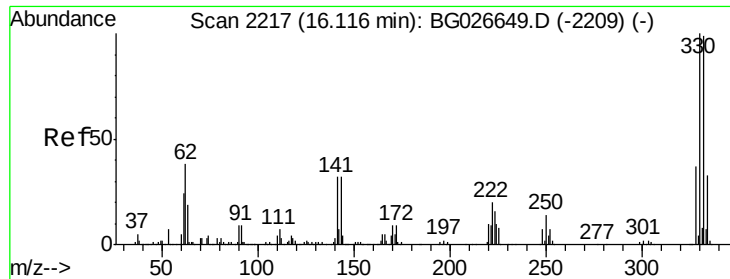
Acq: 19 Apr 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.5		39.4	79.4	
272	14.0		0.0	32.0	



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





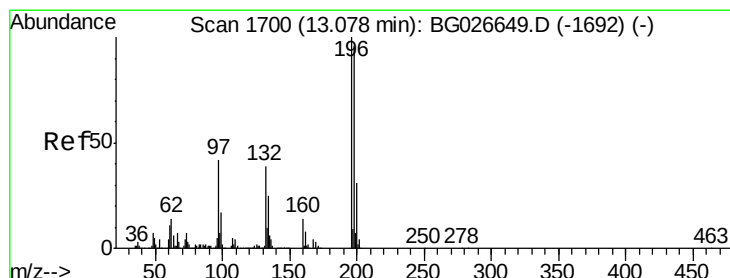
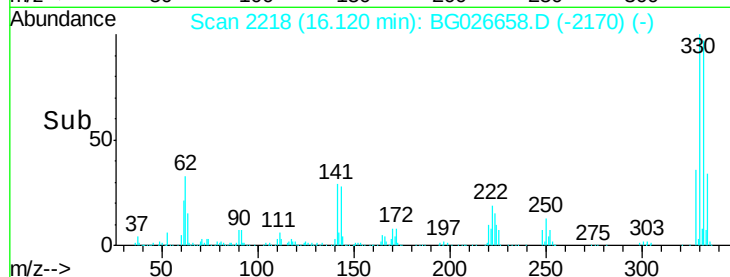
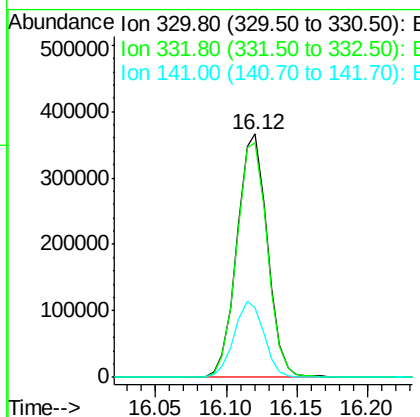
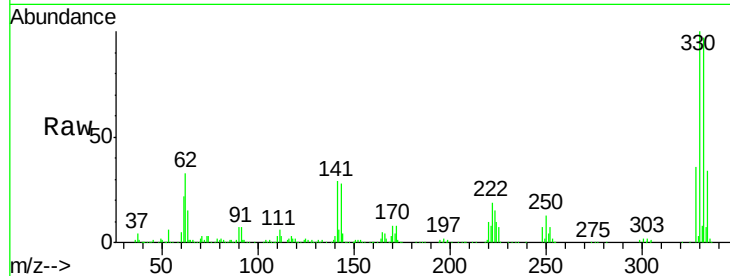
#41
 2,4,6-Tribromophenol
 Concen: 86.46 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	550613		
332	98.3		77.3	115.9
141	31.0		32.1	48.1#

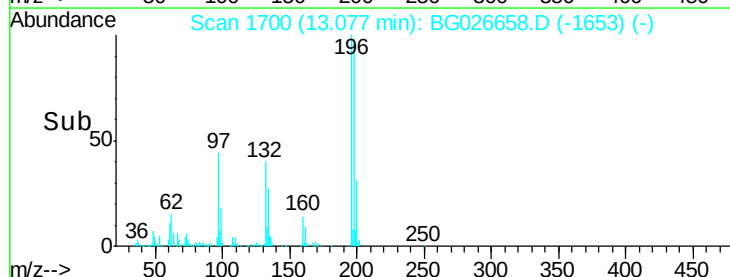
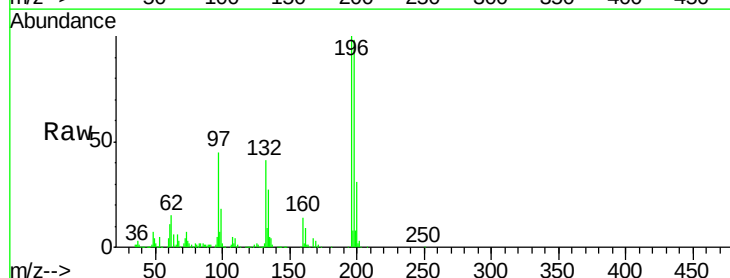
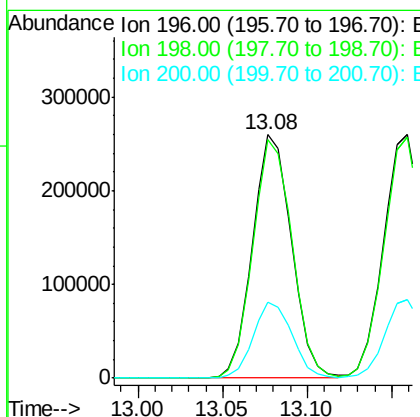
Manual Integrations
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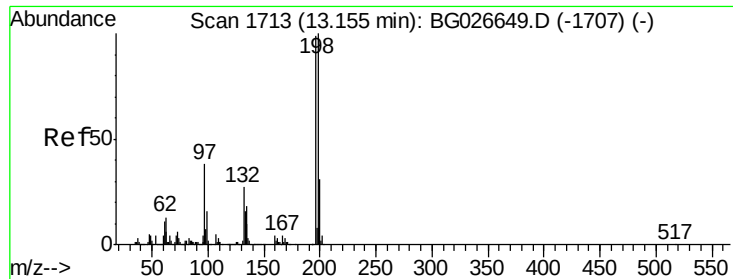
mohammad
 4/20/2017 2:00:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.69 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	417980		
198	97.8		81.4	122.2
200	31.4		27.0	40.6





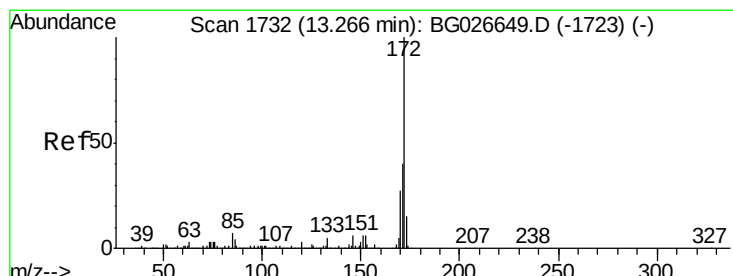
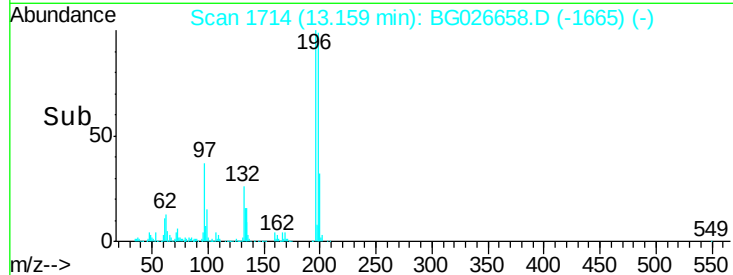
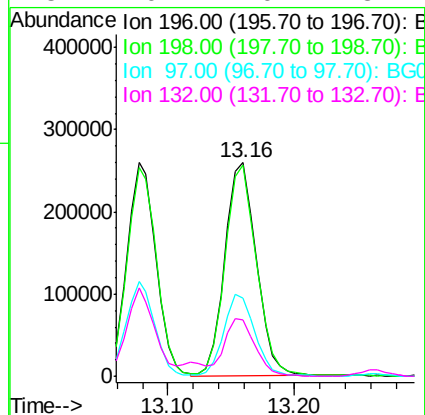
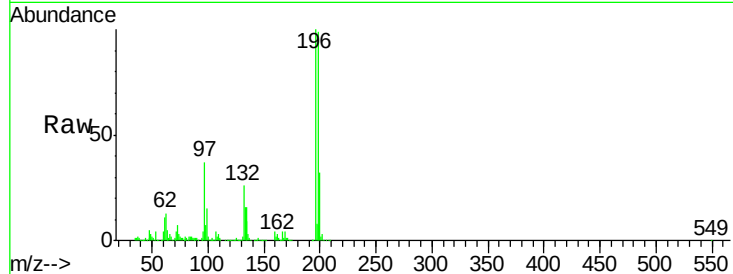
#43
 2,4,5-Trichlorophenol
 Concen: 42.04 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	445714		
198	99.0	79.9	119.9	
97	36.8	45.4	68.0	
132	26.4	20.7	31.1	

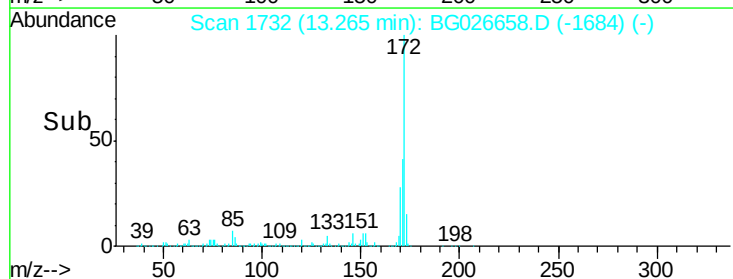
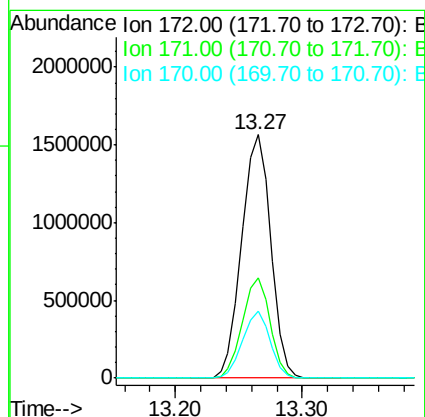
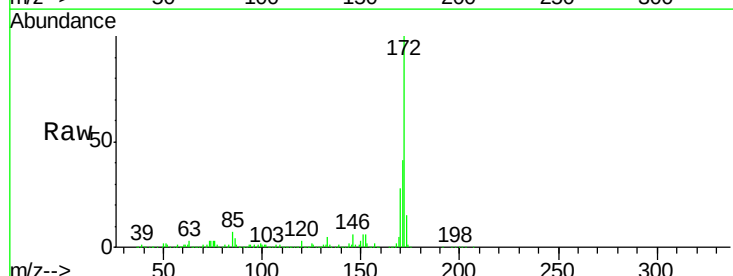
Manual Integrations
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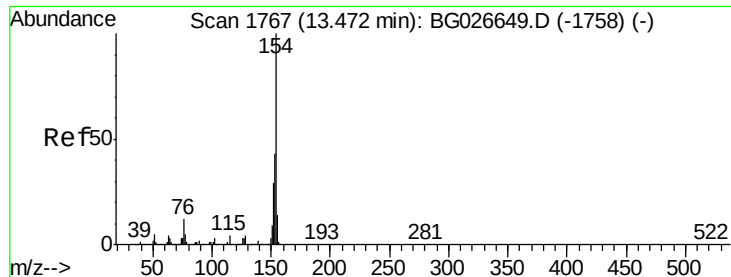
mohammad
 4/20/2017 2:00:41 PM



#44
 2-Fluorobiphenyl
 Concen: 81.29 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2494744		
171	41.4	32.2	48.2	
170	27.6	21.8	32.6	





#45

1,1'-Biphenyl

Concen: 39.35 ng

RT: 13.47 min Scan# 1767

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

ClientSampleId :

PB98333BSD

Tot Ion:154 Resp: 1461301

Ion Ratio Lower Upper

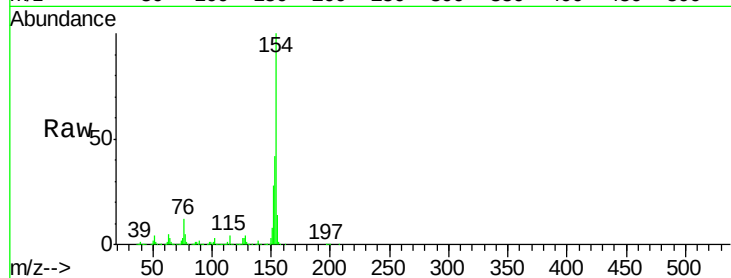
154 100

153 42.2 23.0 63.0

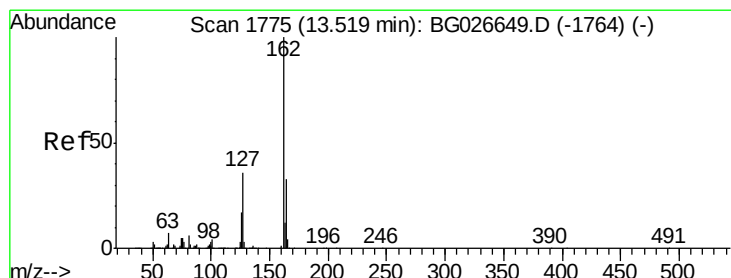
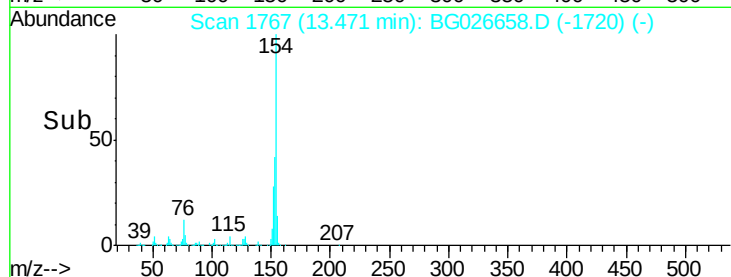
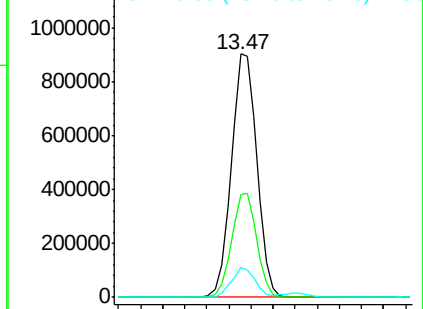
76 12.0 0.0 33.5

Manual Integrations
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4/20/2017 2:00:41 PM



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: 39.81 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

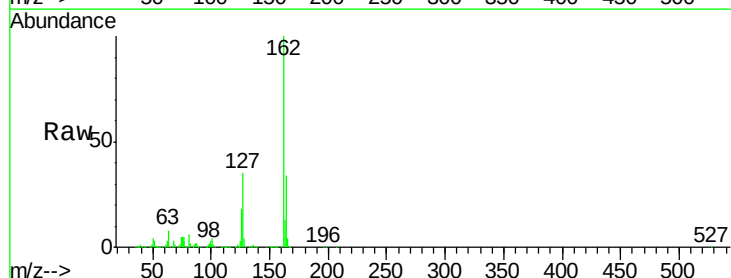
Tgt Ion:162 Resp: 1120402

Ion Ratio Lower Upper

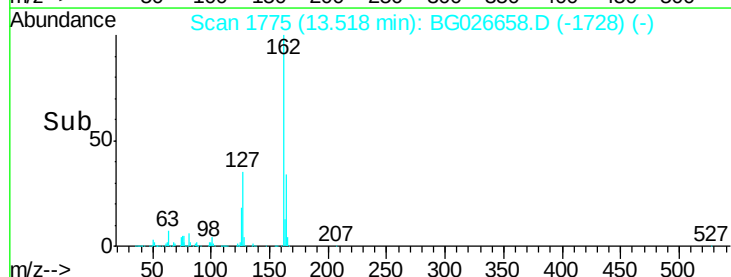
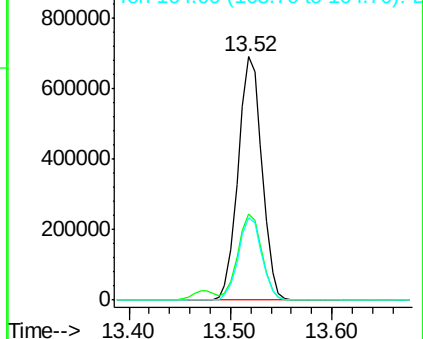
162 100

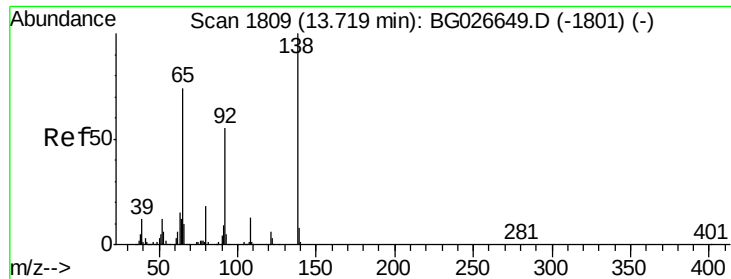
127 35.2 32.2 48.4

164 33.6 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





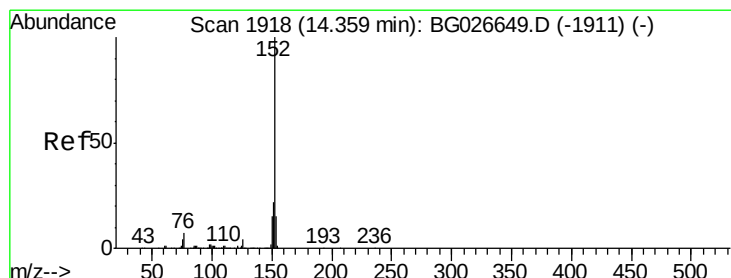
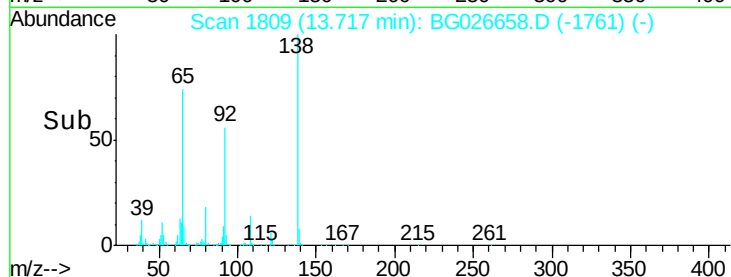
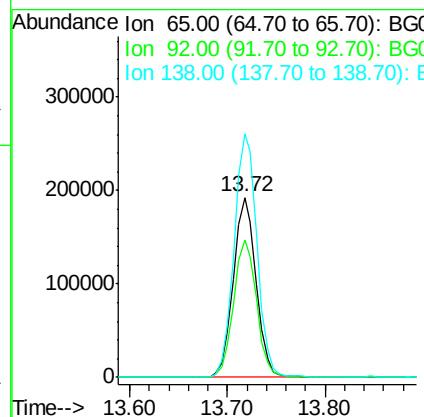
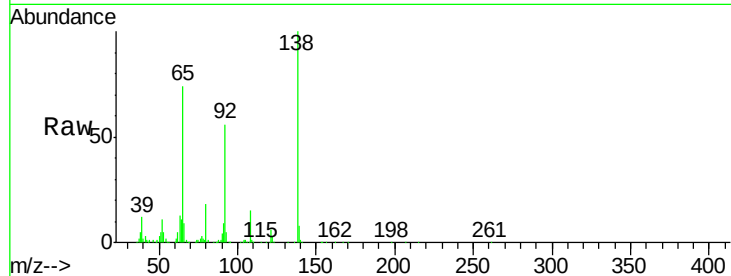
#47
2-Nitroaniline
Concen: 43.30 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	76.0	49.0	73.4#	
138	135.1	58.6	87.8#	

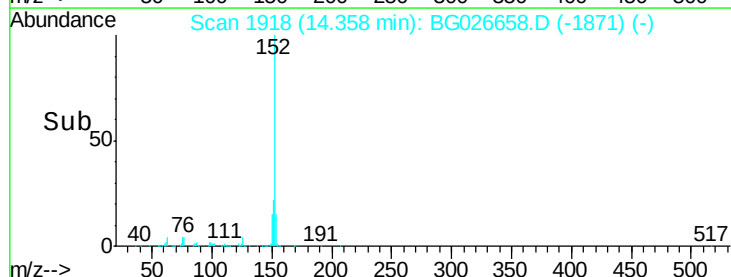
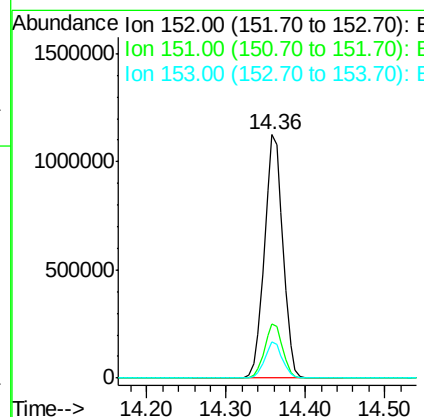
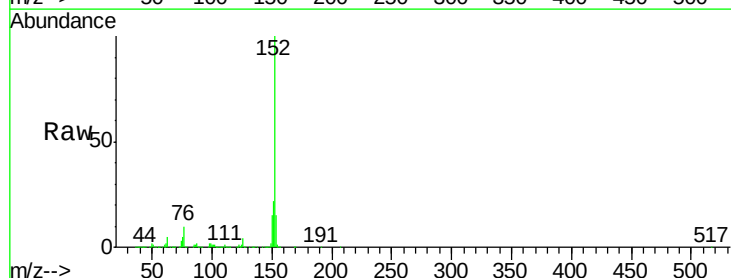
Manual Integrations
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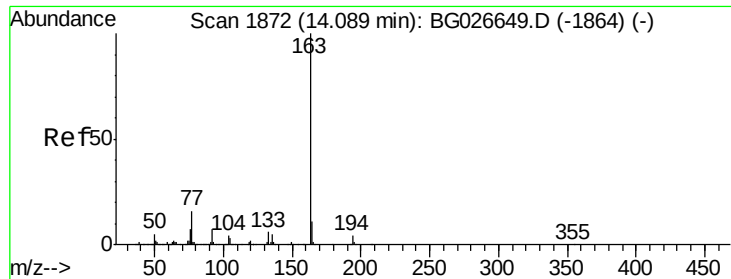
mohammad
4/20/2017 2:00:41 PM



#48
Acenaphthylene
Concen: 40.71 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	22.1	18.2	27.2	
153	14.9	11.3	16.9	





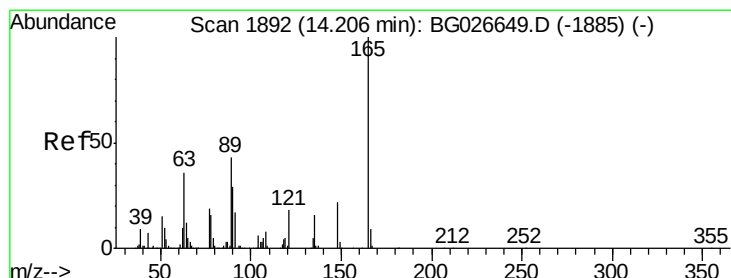
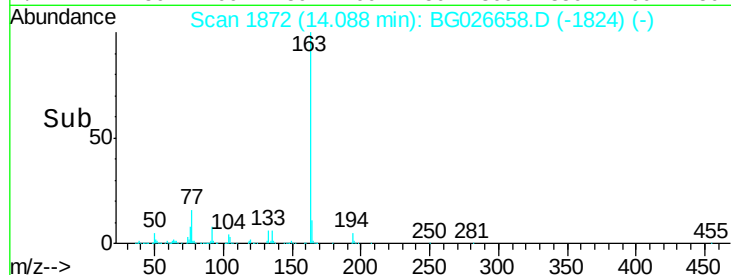
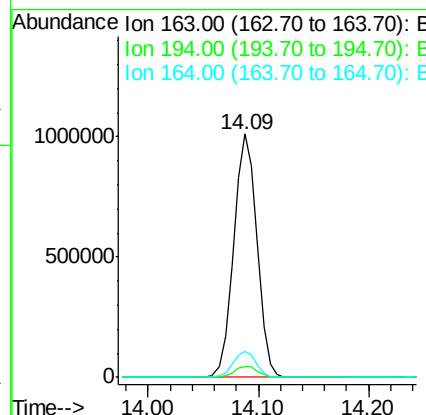
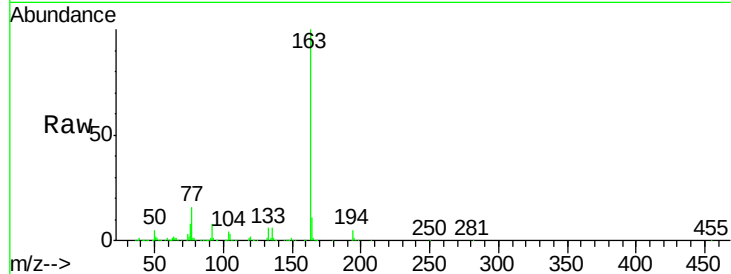
#49
Dimethylphthalate
Concen: 41.24 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	10.8	9.3	13.9

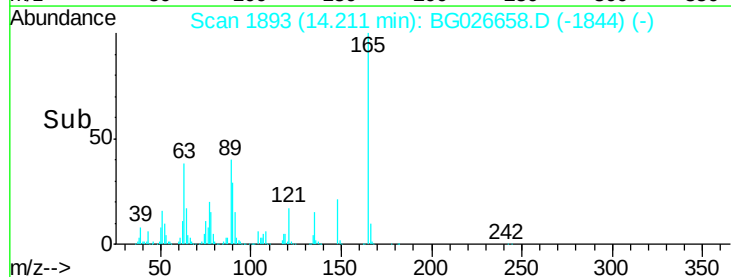
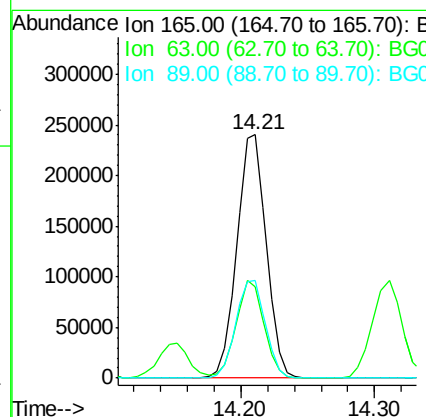
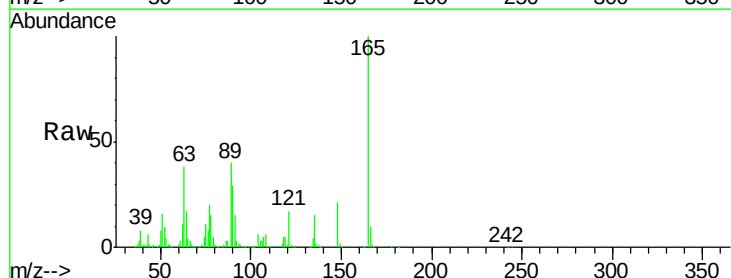
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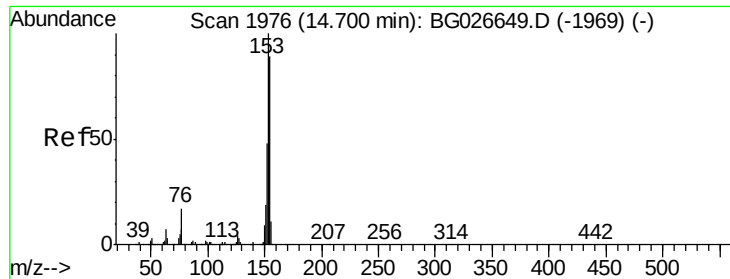
mohammad
4/20/2017 2:00:41 PM



#50
2,6-Dinitrotoluene
Concen: 43.31 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.6	63.9	95.9#
89	40.4	58.6	88.0#





#51

Acenaphthene

Concen: 40.16 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

ClientSampleId :

PB98333BSD

Tot Ion:154 Resp: 1156710

Ion Ratio Lower Upper

154 100

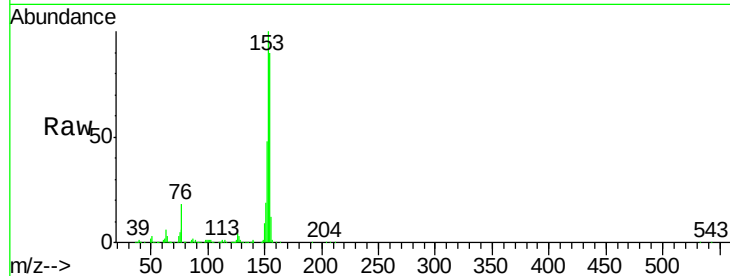
153 111.5 87.8 131.6

152 54.0 42.2 63.4

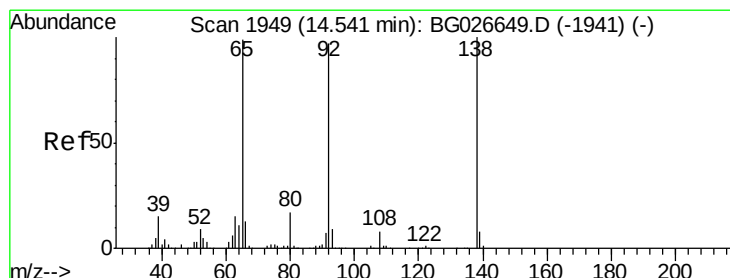
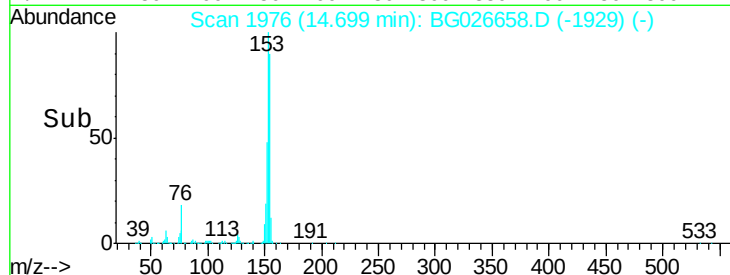
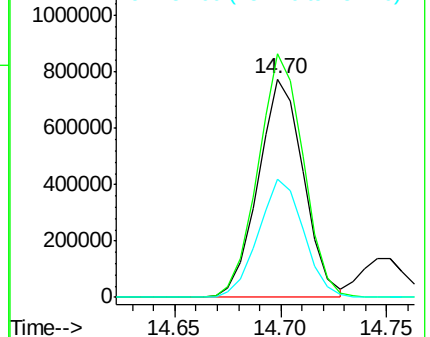
Manual Integrations
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4/20/2017 2:00:41 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.90 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

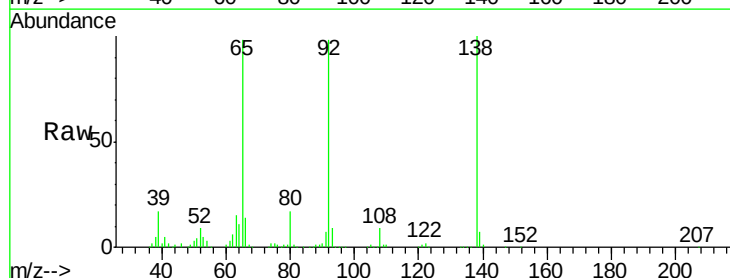
Tgt Ion:138 Resp: 266682

Ion Ratio Lower Upper

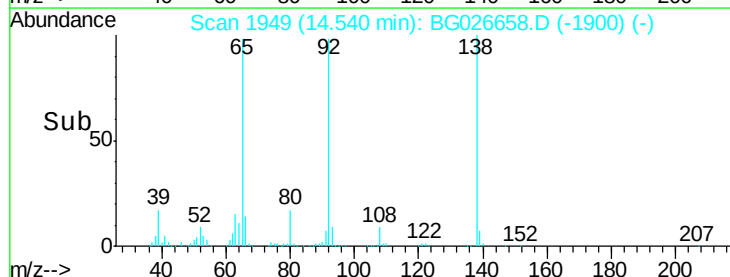
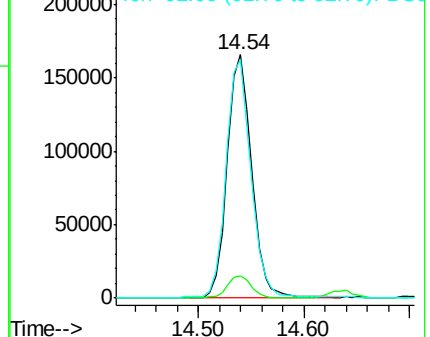
138 100

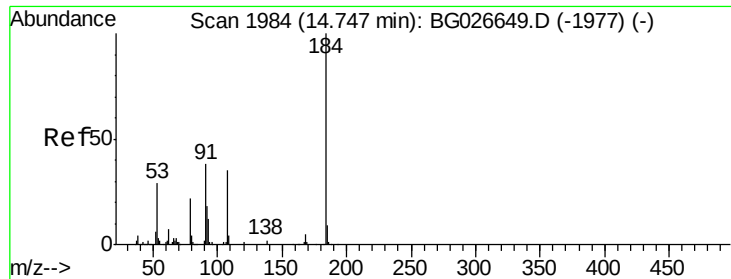
108 8.9 10.9 16.3#

92 98.1 115.3 172.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





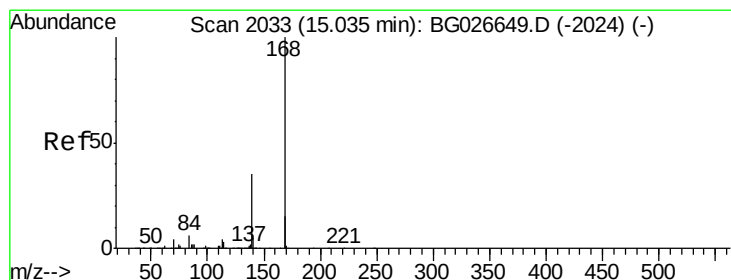
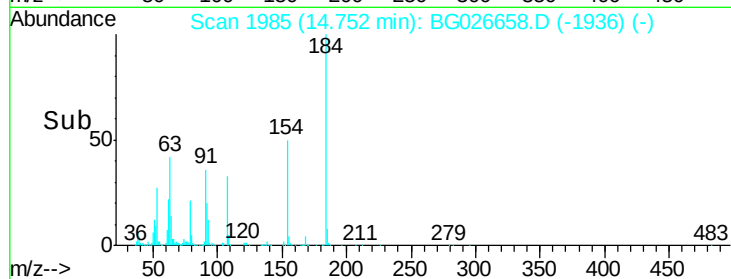
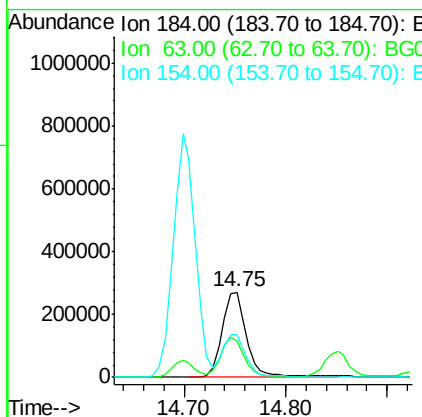
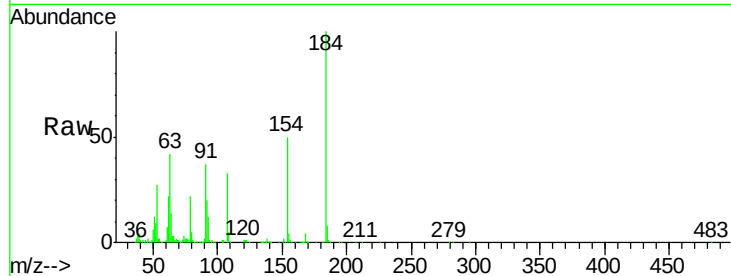
#53
2,4-Dinitrophenol
Concen: 89.75 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	42.1	52.7	79.1#
154	50.2	57.3	85.9#

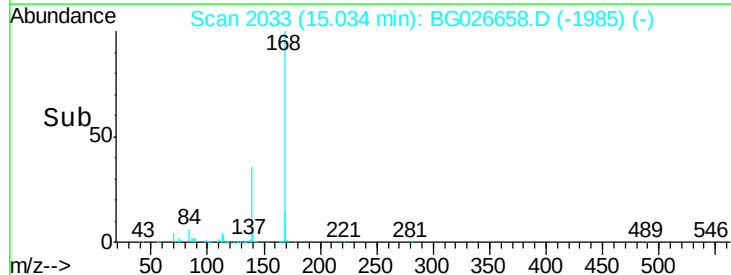
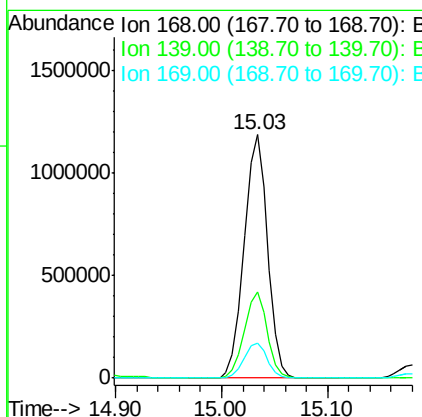
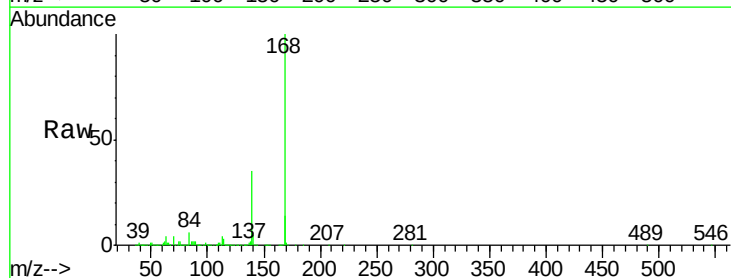
Manual Integrations
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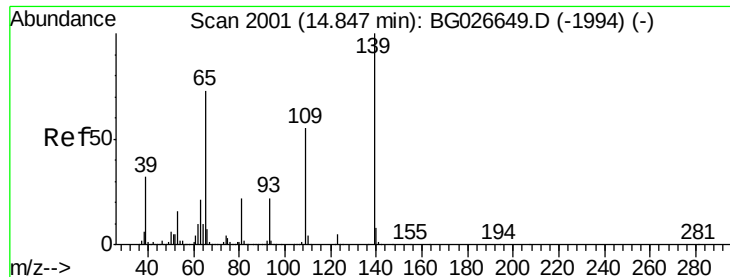
mohammad
4/20/2017 2:00:41 PM



#54
Dibenzofuran
Concen: 40.41 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	35.3	52.9#
169	14.2	11.5	17.3





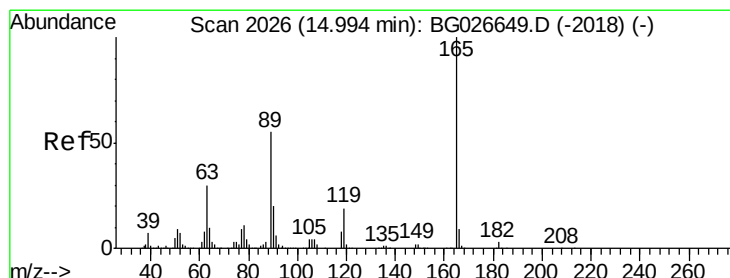
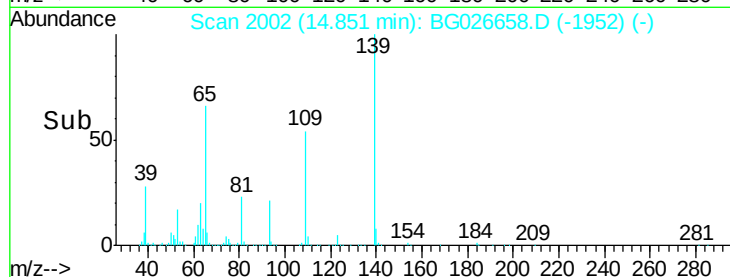
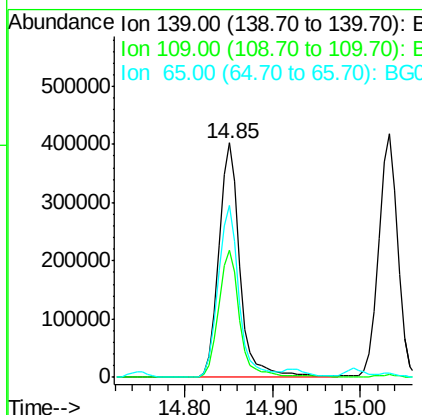
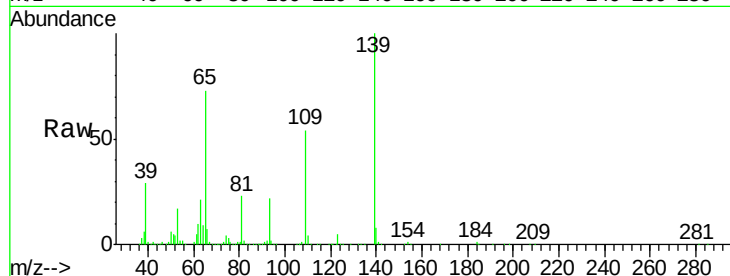
#55
4-Nitrophenol
Concen: 87.06 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	54.1	101.2	141.2#
65	73.2	135.3	175.3#

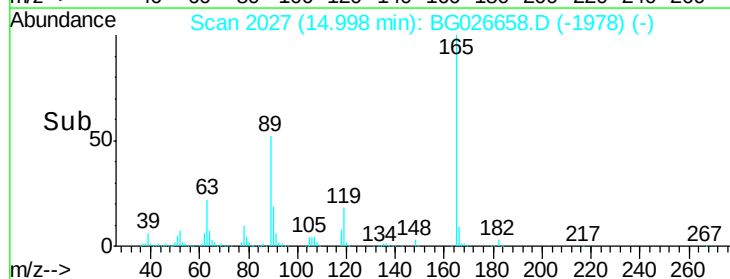
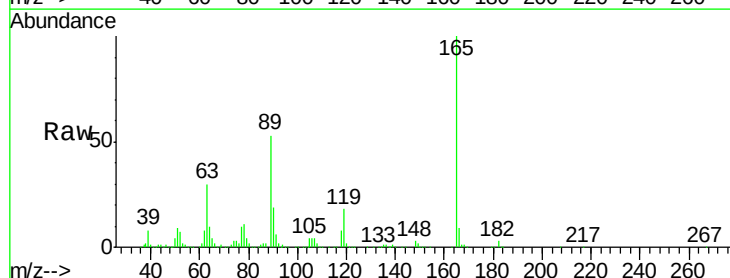
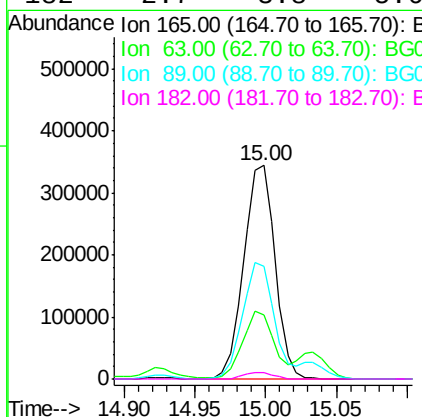
Manual Integrations
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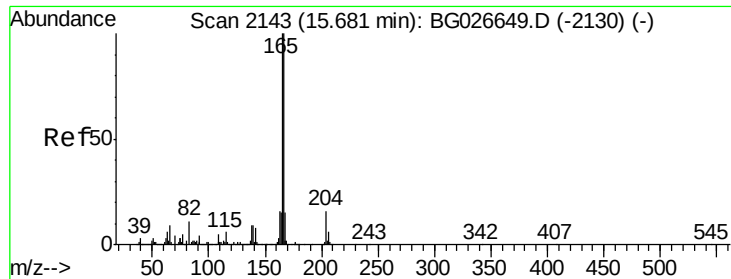
mohammad
4/20/2017 2:00:41 PM



#56
2,4-Dinitrotoluene
Concen: 44.55 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.0	44.0	66.0#
89	52.8	67.3	100.9#
182	2.7	3.8	5.6#





#57

Fluorene

Concen: 40.77 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

ClientSampleId :

PB98333BSD

Tot Ion:166 Resp: 1507348

Ion Ratio Lower Upper

166 100

165 99.1 78.6 117.8

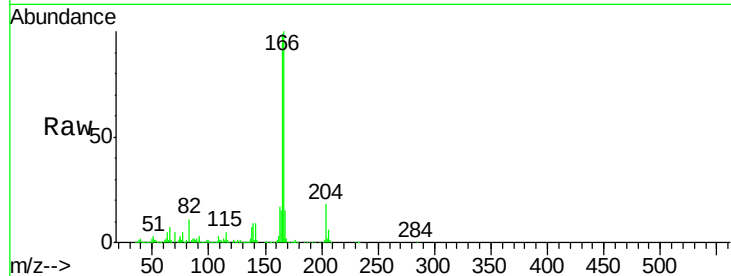
167 14.6 11.6 17.4

Manual Integrations

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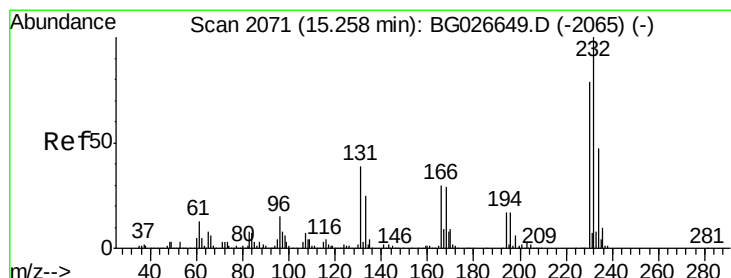
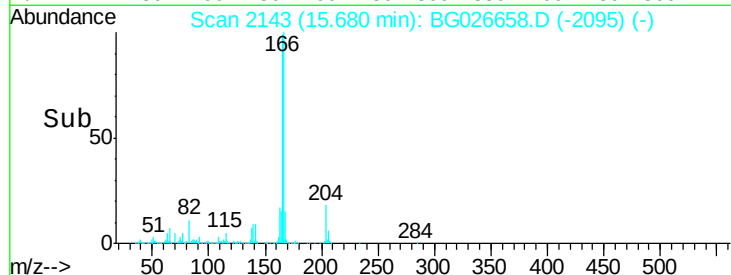
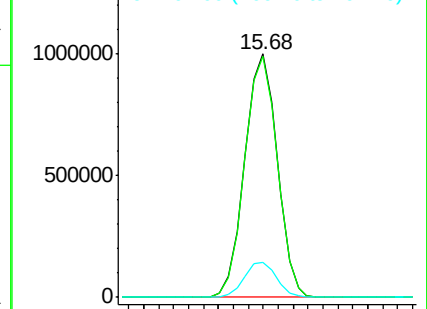
4/20/2017 2:00:41 PM



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: 41.67 ng

RT: 15.26 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tgt Ion:232 Resp: 449207

Ion Ratio Lower Upper

232 100

131 38.5 34.9 52.3

130 2.1 2.3 3.5#

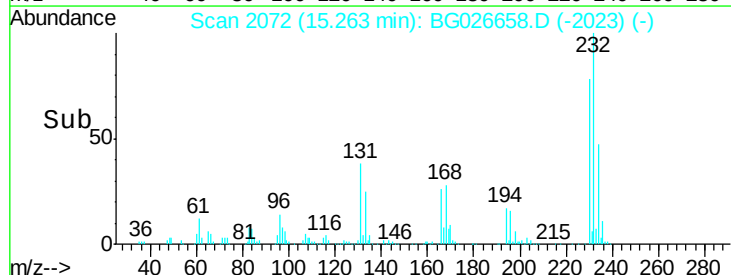
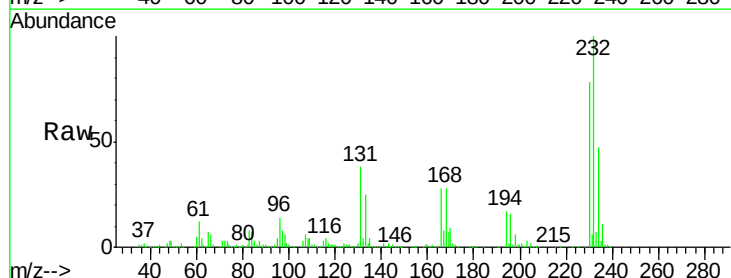
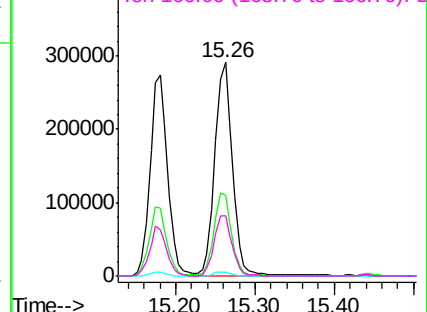
166 28.3 24.2 36.4

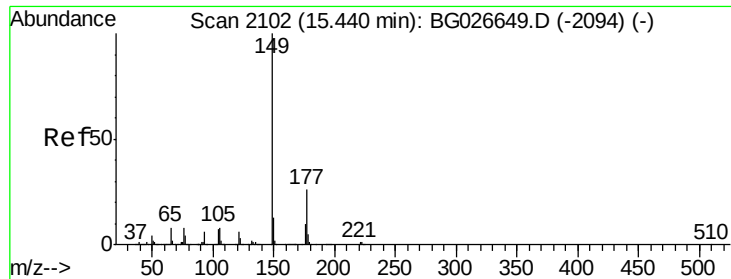
Abundance Ion 232.00 (231.70 to 232.70): E

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





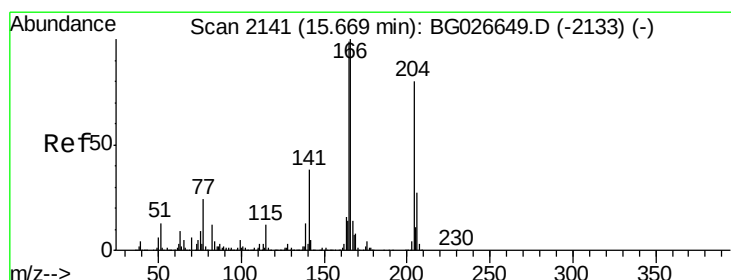
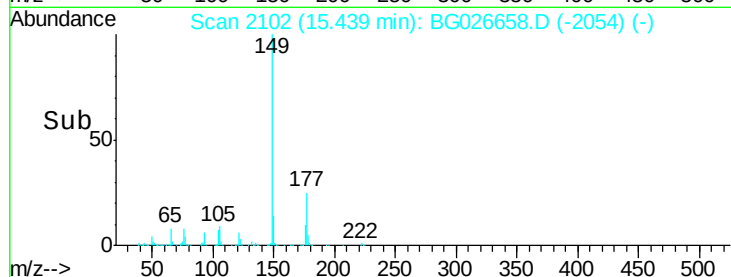
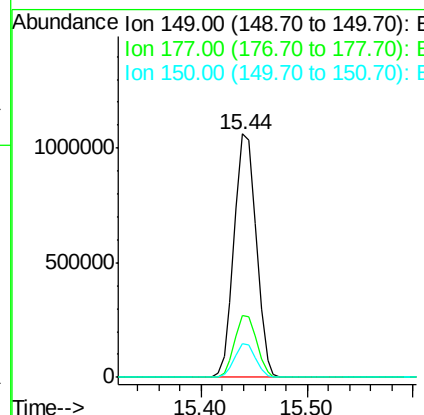
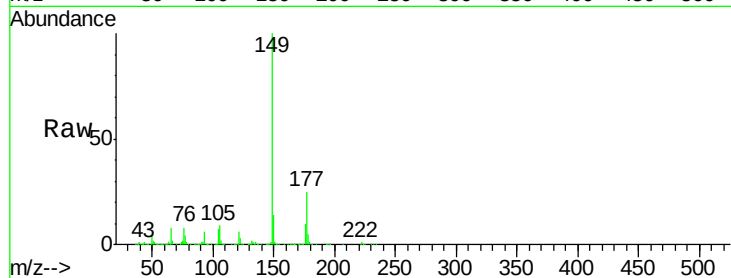
#59
Diethylphthalate
Concen: 41.53 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.1	30.1
150	13.6	10.2	15.2

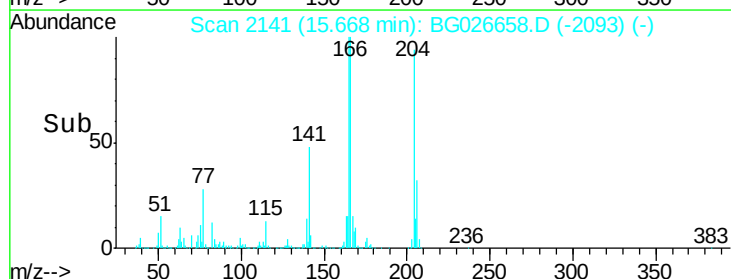
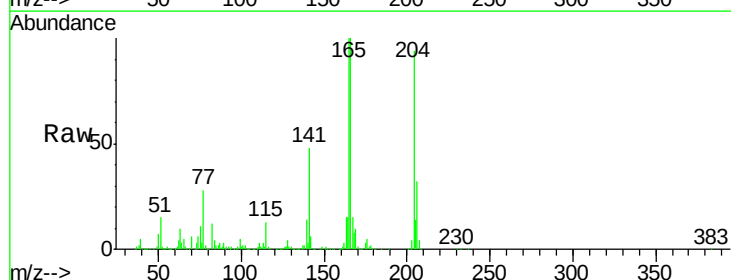
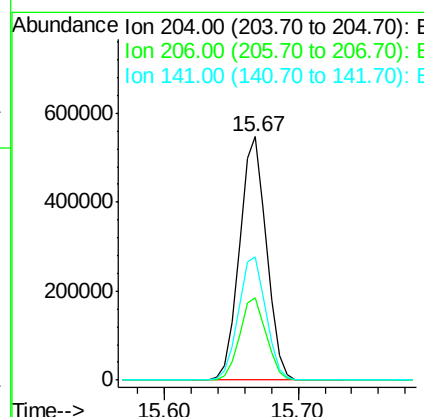
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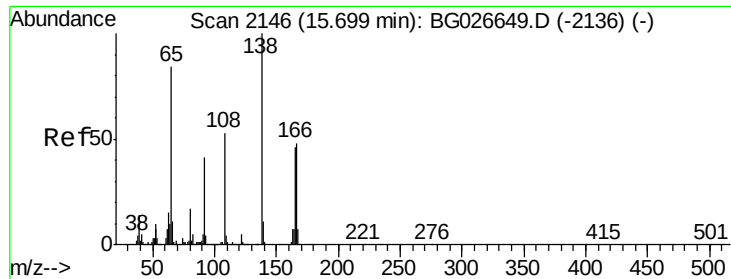
mohammad
4/20/2017 2:00:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.34 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	30.1	45.1
141	50.7	50.6	76.0





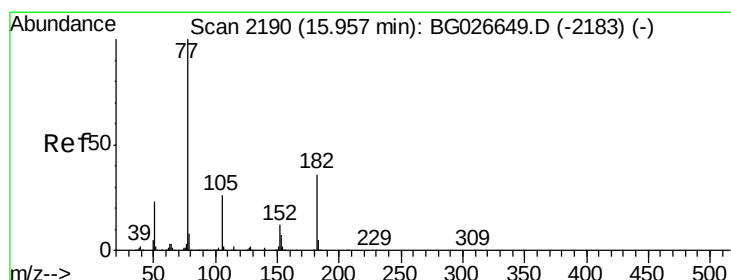
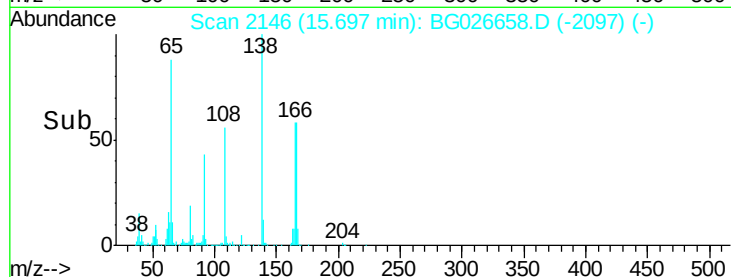
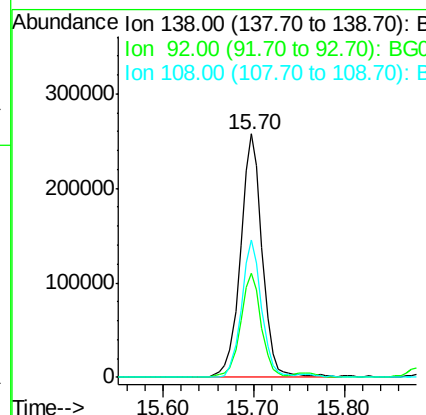
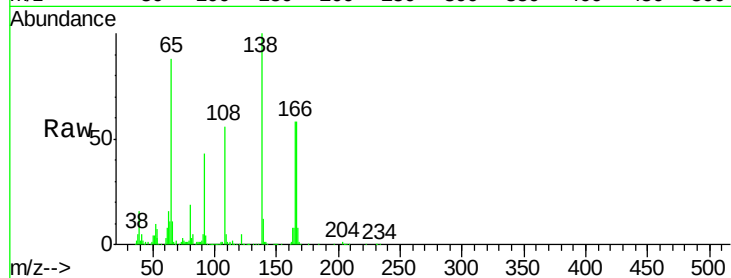
#61
4-Nitroaniline
Concen: 43.86 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.7	44.2	84.2#
108	56.4	104.8	144.8#

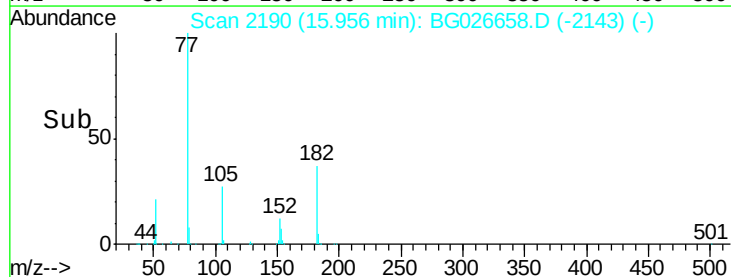
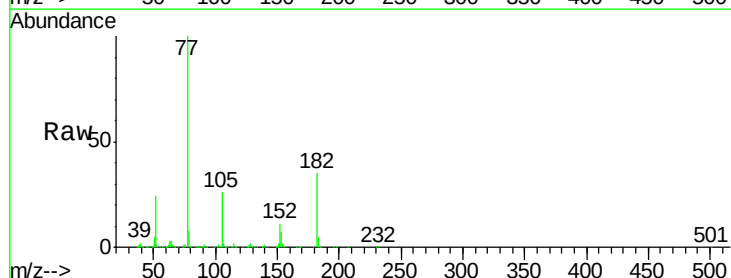
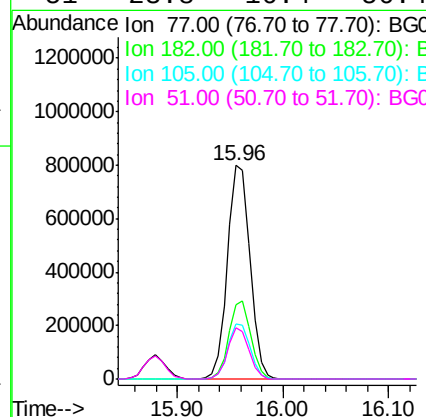
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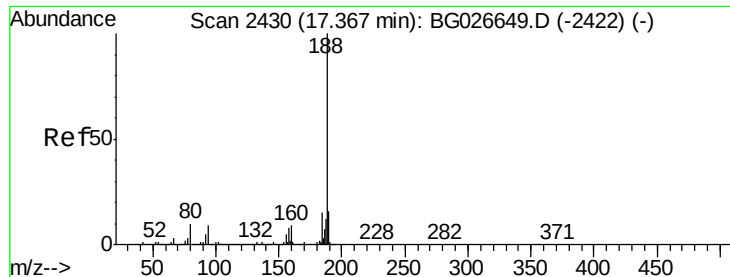
mohammad
4/20/2017 2:00:41 PM



#62
Azobenzene
Concen: 41.66 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.0	4.7	44.7
105	25.6	0.0	36.3
51	23.8	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

ClientSampleId :

PB98333BSD

Tot Ion:188 Resp: 1172123

Ion Ratio Lower Upper

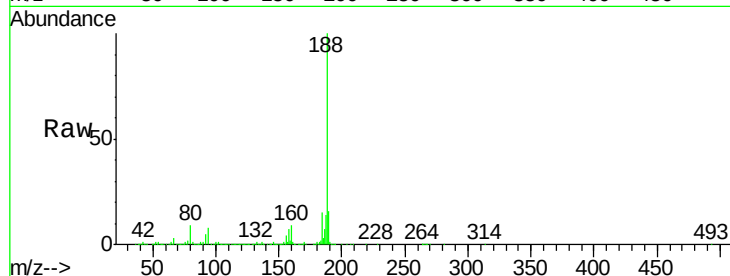
188 100

94 8.4 5.8 8.8

80 9.0 7.5 11.3

Manual Integrations
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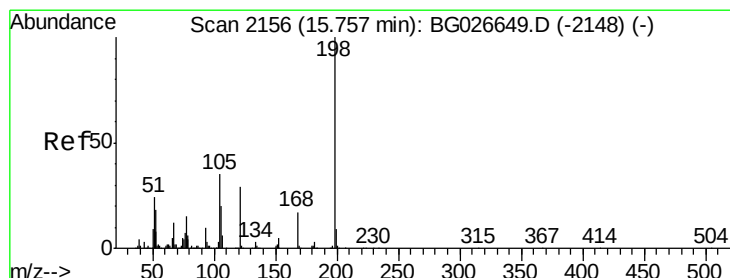
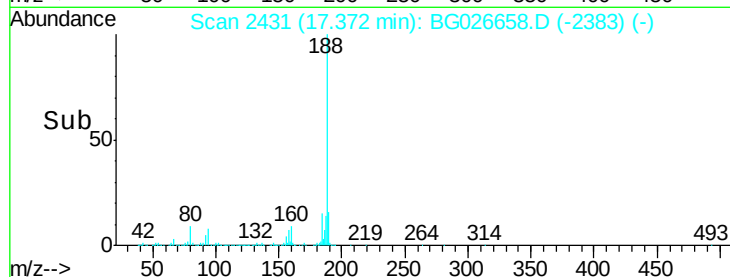
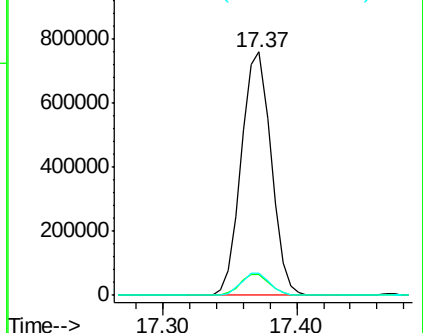
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 44.10 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

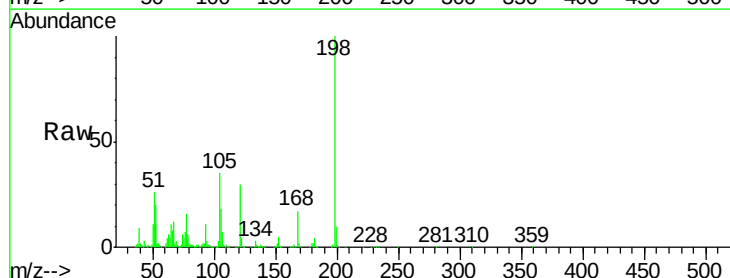
Tgt Ion:198 Resp: 349104

Ion Ratio Lower Upper

198 100

51 25.6 22.6 62.6

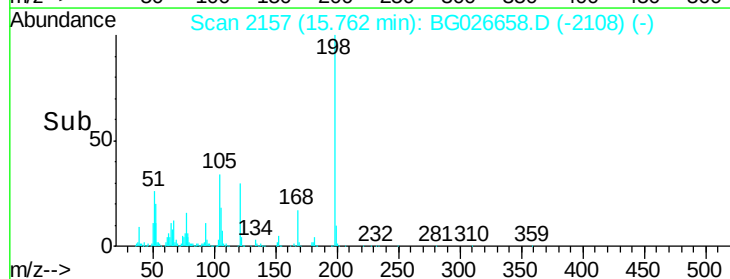
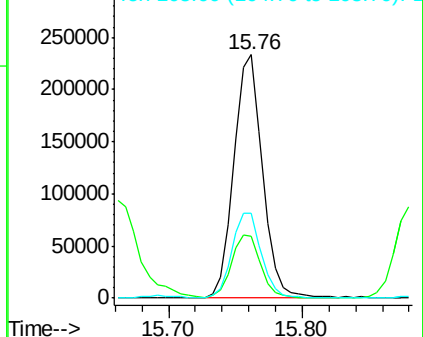
105 34.7 14.4 54.4

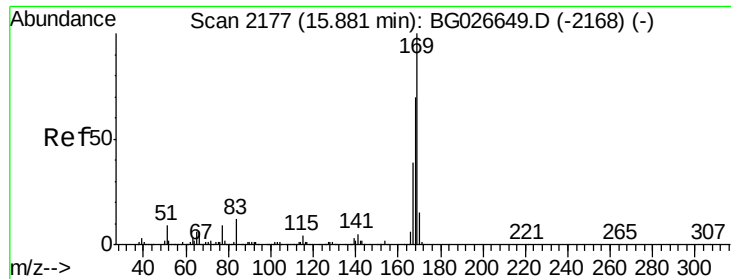


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





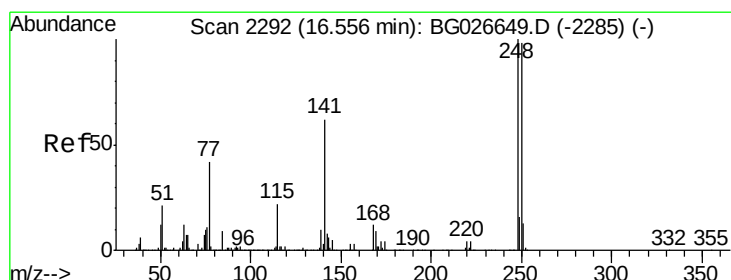
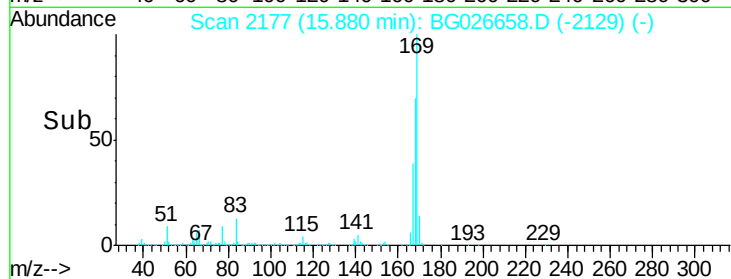
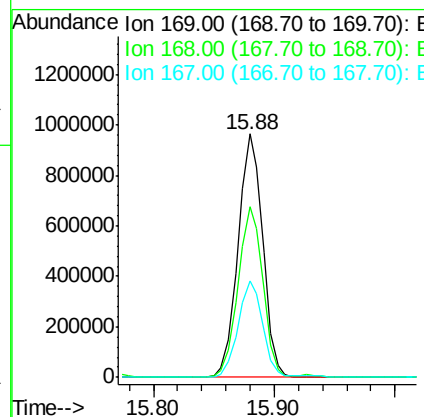
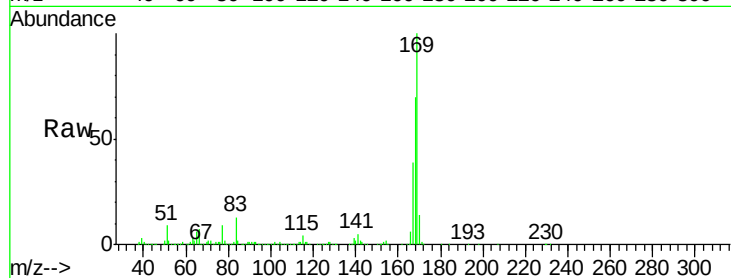
#65
 n-Nitrosodiphenylamine
 Concen: 40.63 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	69.9	55.7	83.5	
167	39.4	29.8	44.6	

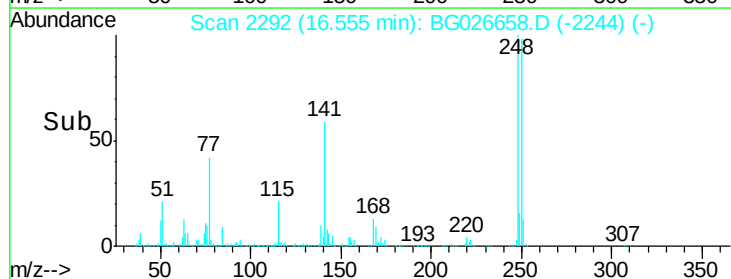
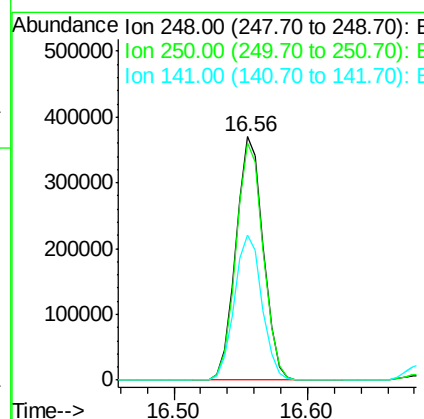
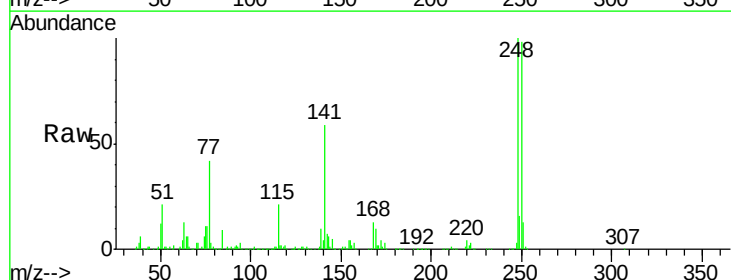
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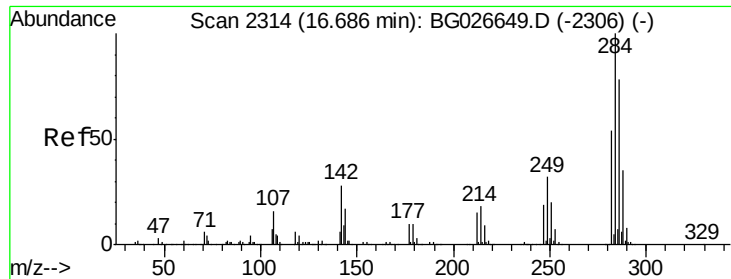
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 41.23 ng
 RT: 16.56 min Scan# 2292
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	97.5	75.0	112.6	
141	59.4	55.2	82.8	





#67

Hexachlorobenzene

Concen: 40.90 ng

RT: 16.68 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

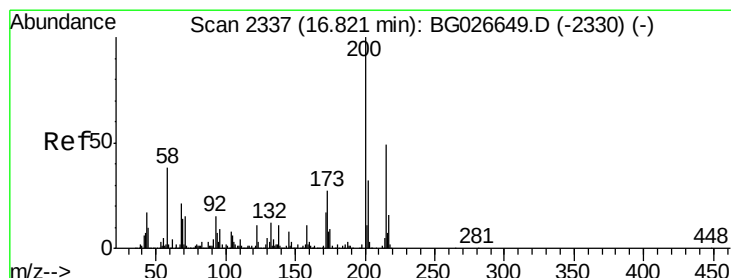
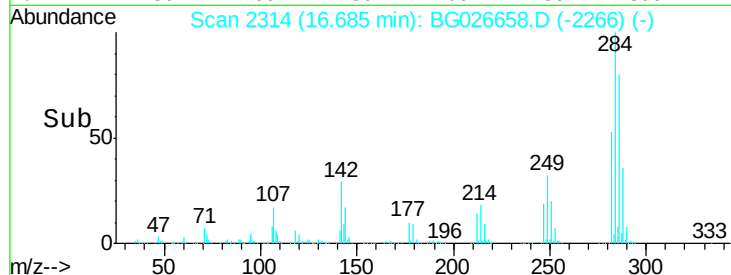
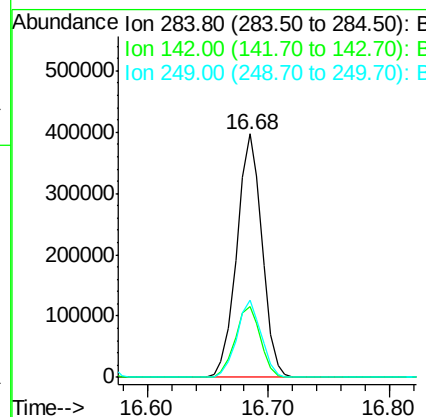
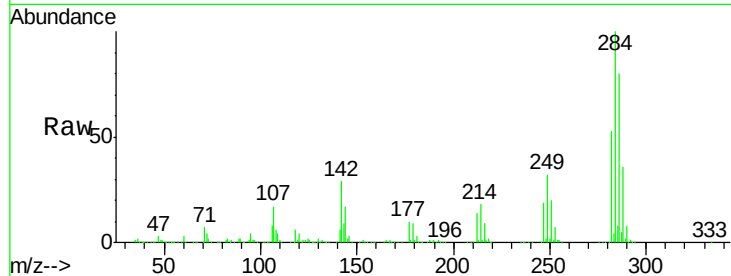
ClientSampleId :

PB98333BSD

Tot Ion:	284	Resp:	575856
Ion Ratio		Lower	Upper
284	100		
142	29.2	29.9	44.9#
249	31.5	29.2	43.8

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#68

Atrazine

Concen: 31.28 ng

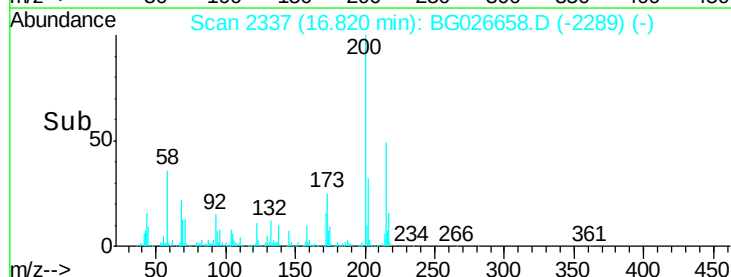
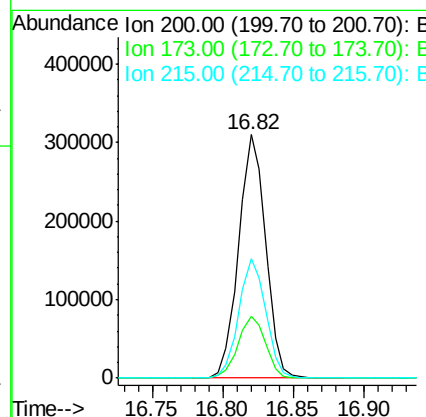
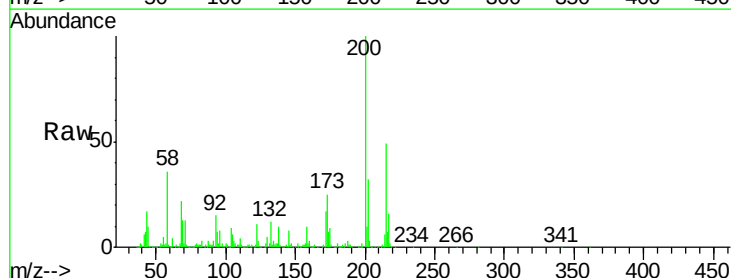
RT: 16.82 min Scan# 2337

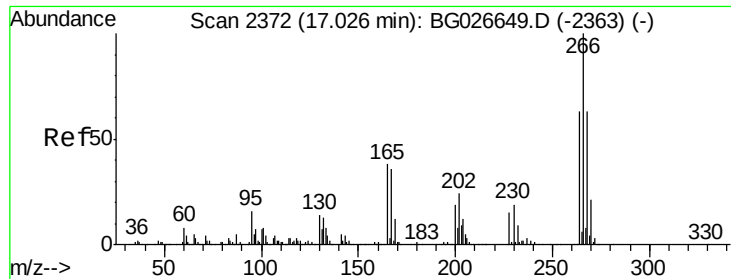
Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tgt Ion:	200	Resp:	413586
Ion Ratio		Lower	Upper
200	100		
173	25.5	3.0	43.0
215	49.1	28.4	68.4





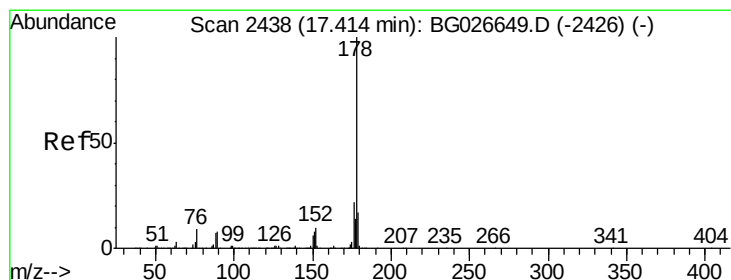
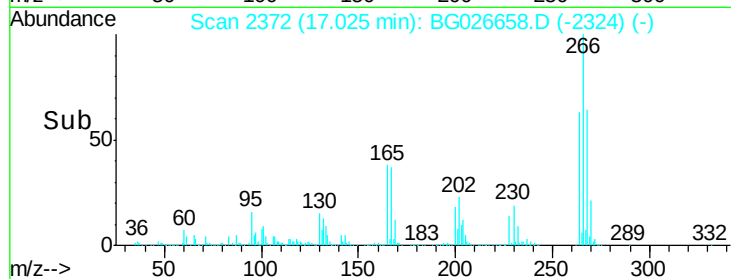
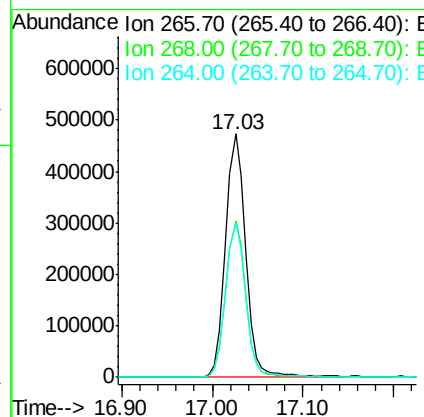
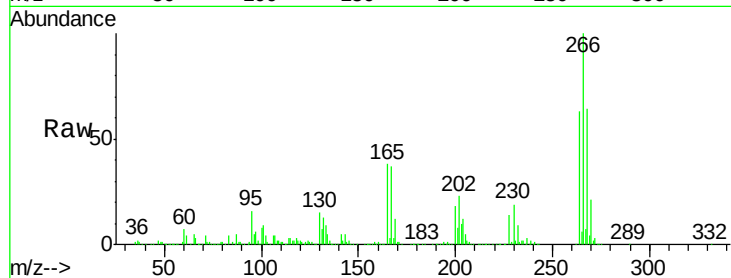
#69
 Pentachlorophenol
 Concen: 85.93 ng
 RT: 17.03 min Scan# 2372
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	730953		
268	64.3		48.6	72.8
264	63.3		50.1	75.1

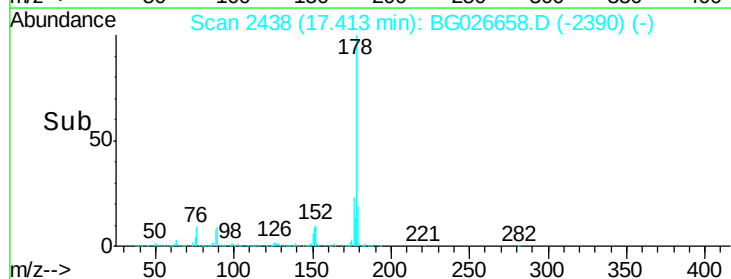
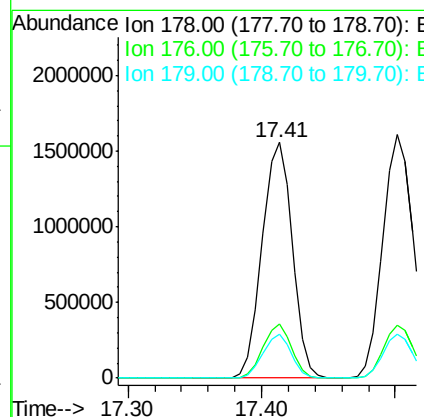
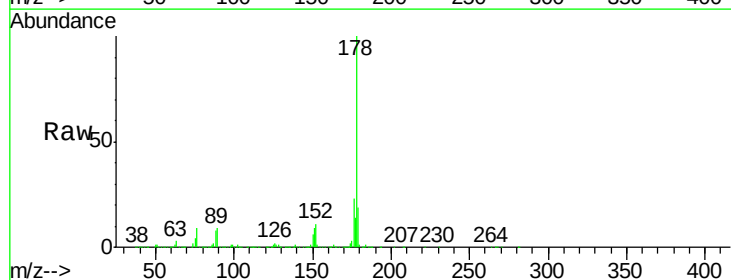
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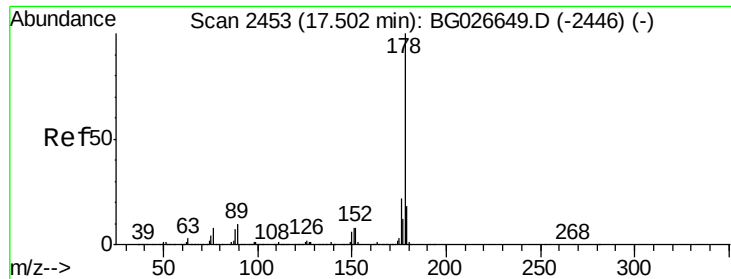
mohammad
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#70
 Phenanthrene
 Concen: 40.36 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2435498		
176	23.2		17.7	26.5
179	18.7		15.0	22.6





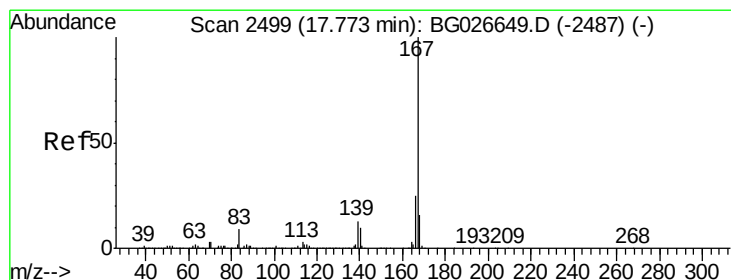
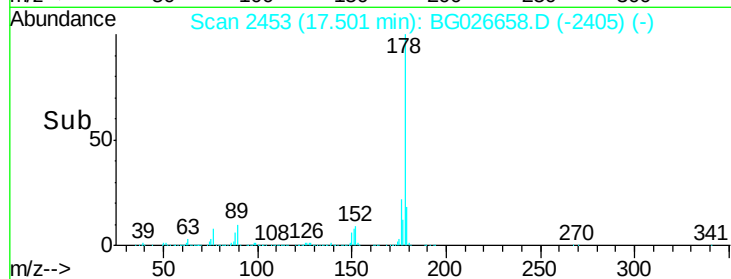
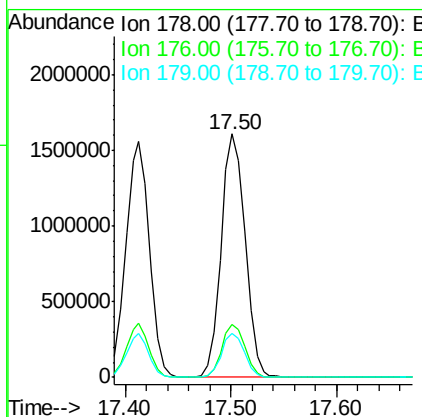
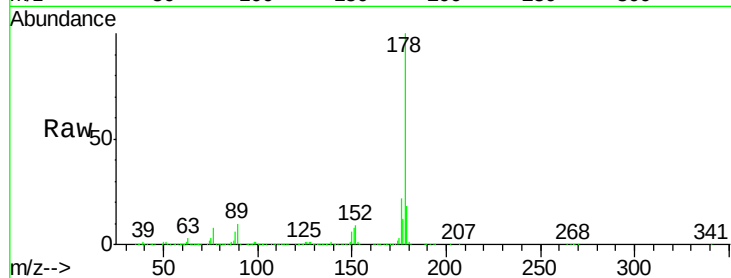
#71
 Anthracene
 Concen: 40.63 ng
 RT: 17.50 min Scan# 2453
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Tot Ion:178 Resp: 2533769
 Ion Ratio Lower Upper
 178 100
 176 21.7 16.4 24.6
 179 18.0 13.8 20.8

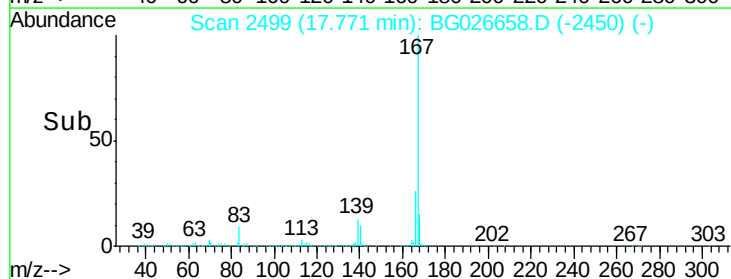
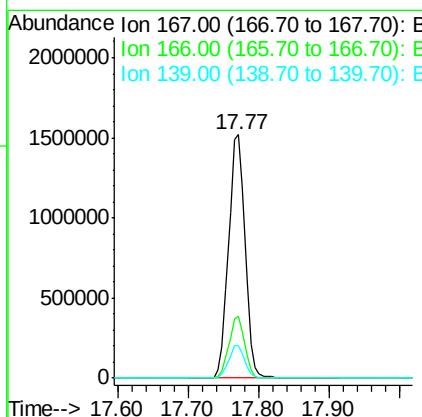
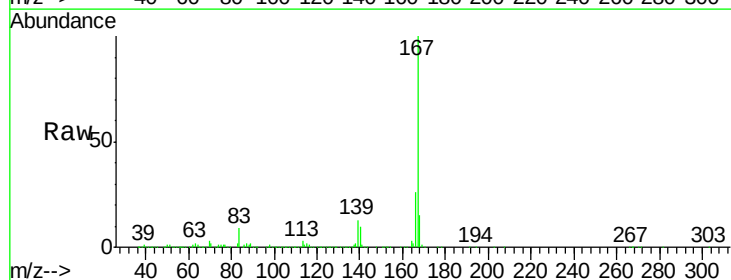
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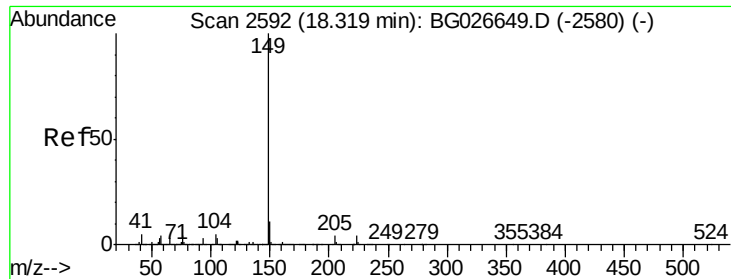
mohammad
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#72
 Carbazole
 Concen: 41.28 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Tgt Ion:167 Resp: 2465352
 Ion Ratio Lower Upper
 167 100
 166 25.5 20.2 30.2
 139 13.5 12.8 19.2





#73

Di-n-butylphthalate

Concen: 40.68 ng

RT: 18.32 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

ClientSampled :

PB98333BSD

Tot Ion:149 Resp: 2723825

Ion Ratio Lower Upper

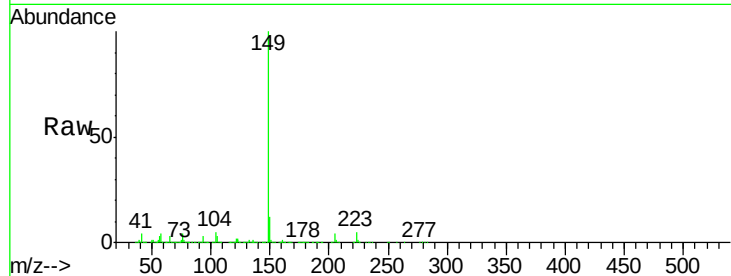
149 100

150 11.5 9.1 13.7

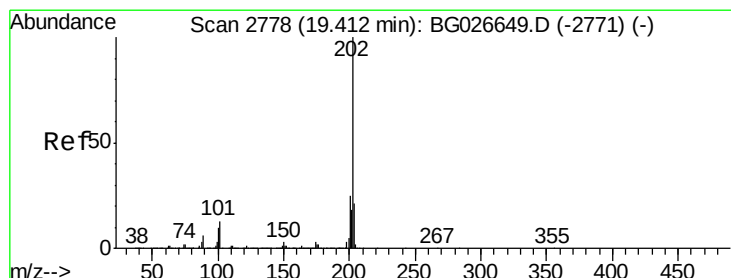
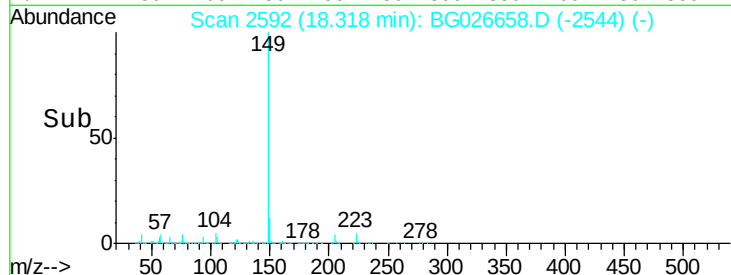
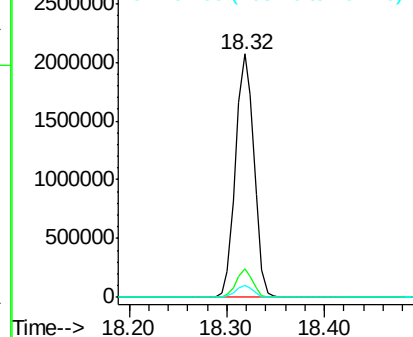
104 5.0 6.7 10.1#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.49 ng

RT: 19.41 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

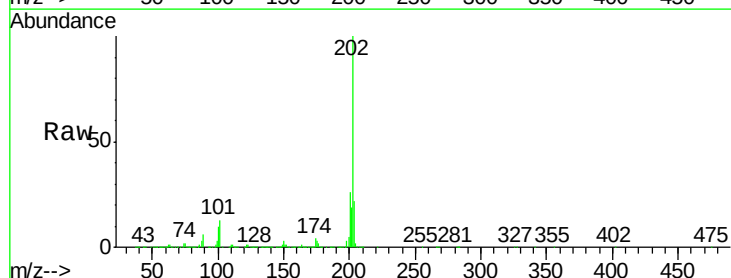
Tgt Ion:202 Resp: 2903323

Ion Ratio Lower Upper

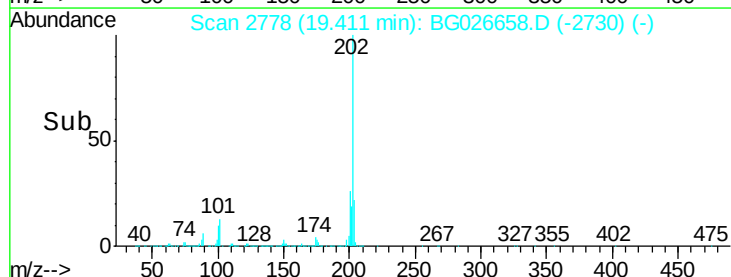
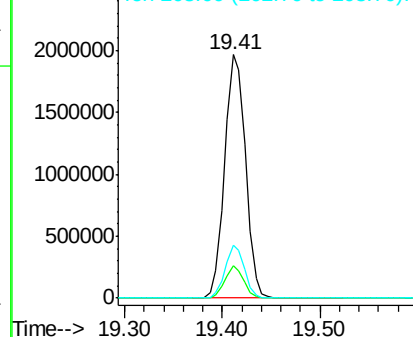
202 100

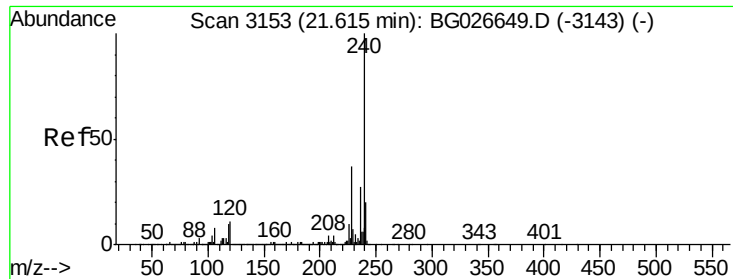
101 13.3 0.0 30.1

203 21.7 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

ClientSampleID :

PB98333BSD

Tot Ion:240 Resp: 1315324

Ion Ratio Lower Upper

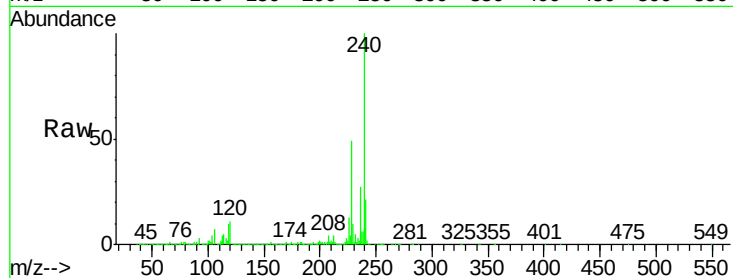
240 100

120 11.5 5.7 8.5#

236 27.2 22.2 33.4

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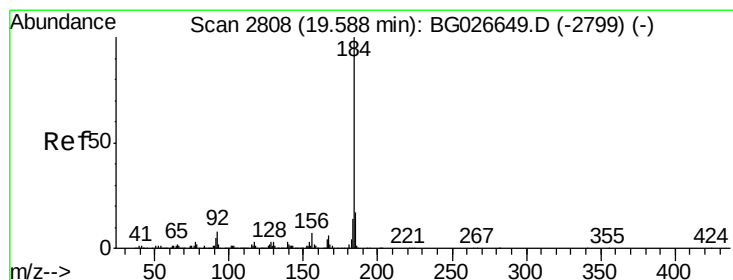
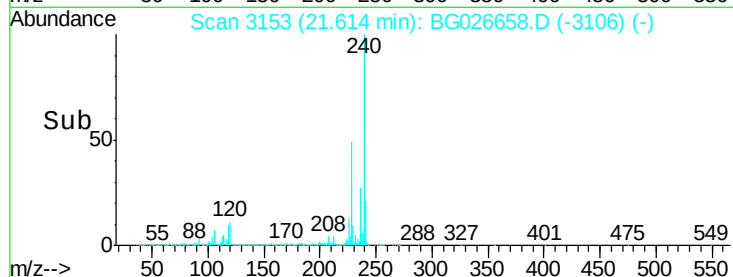
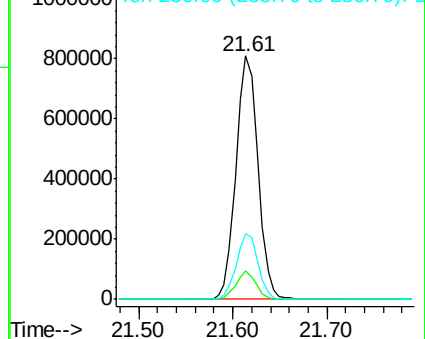
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.44 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

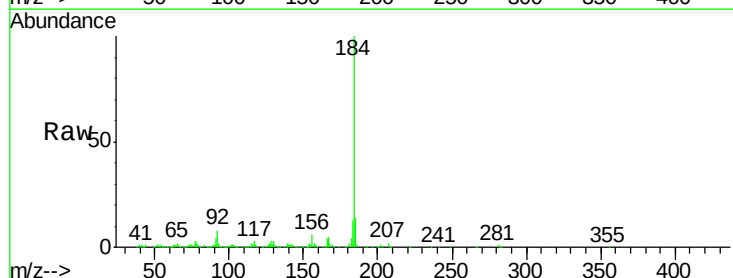
Tgt Ion:184 Resp: 607982

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.6

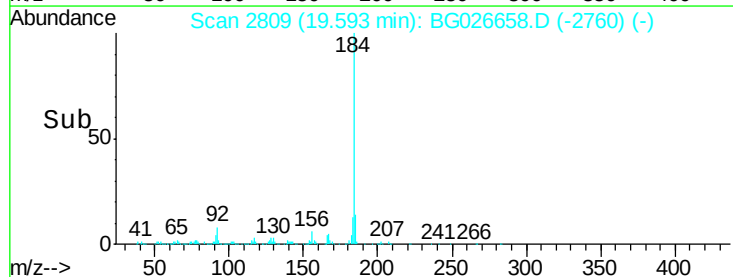
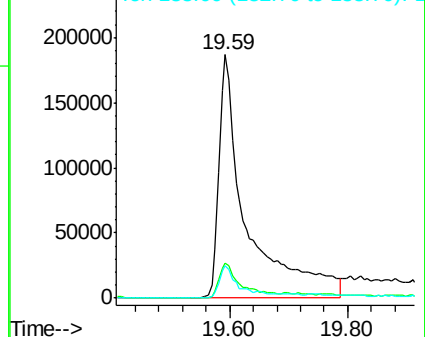
183 13.1 11.0 16.6

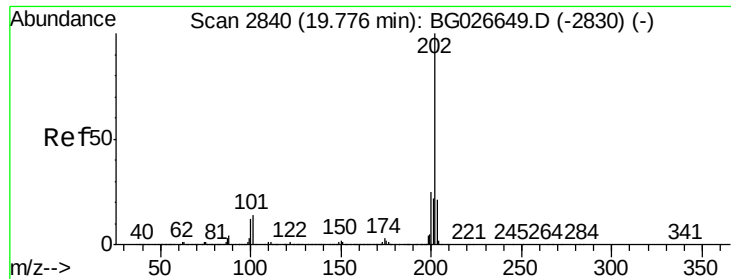


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





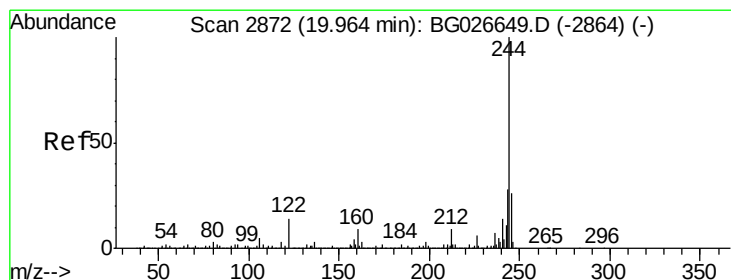
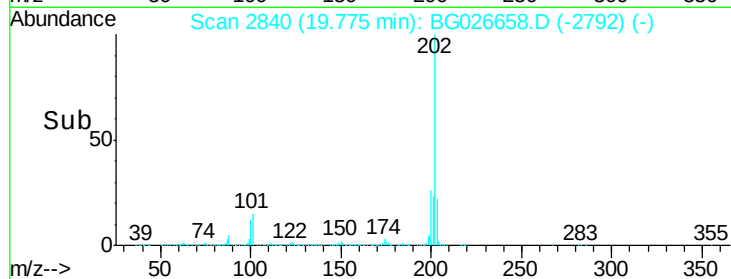
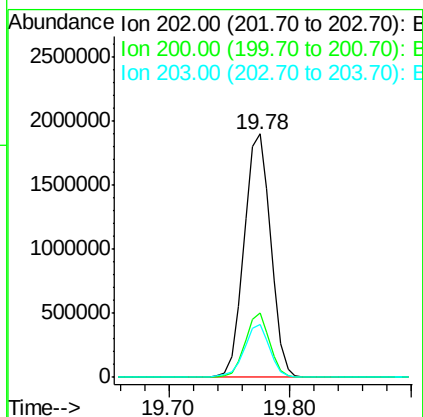
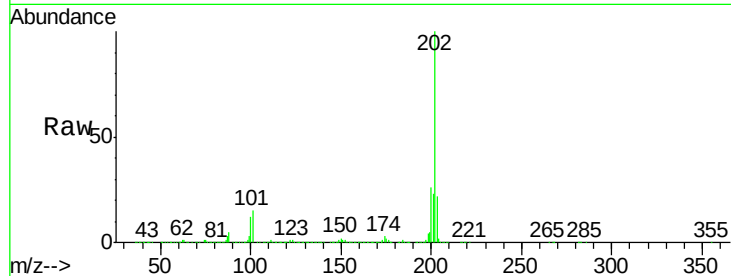
#77
Pvrene
Concen: 41.40 ng
RT: 19.78 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	26.4	19.6	29.4
203	21.5	15.8	23.8

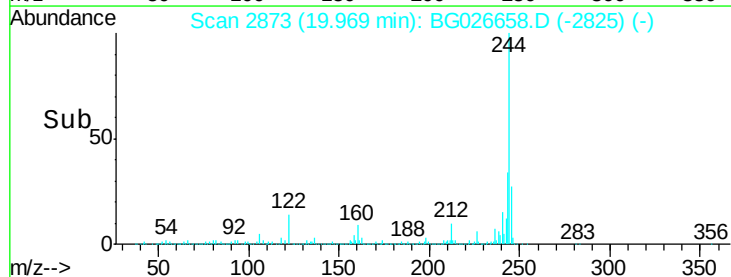
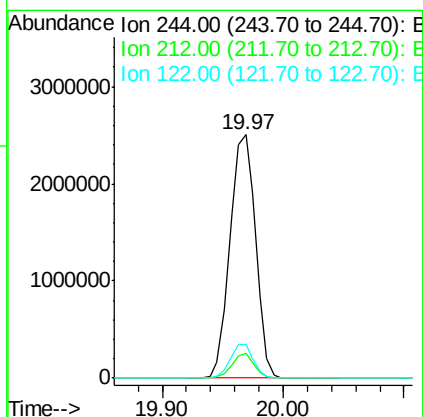
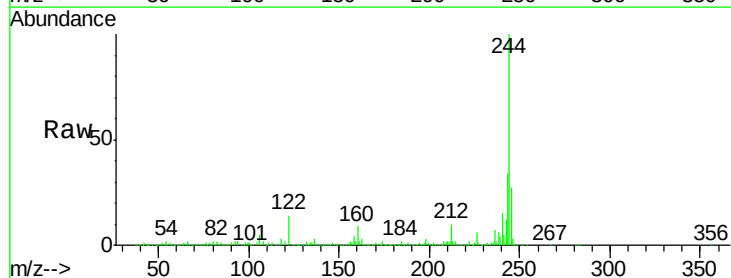
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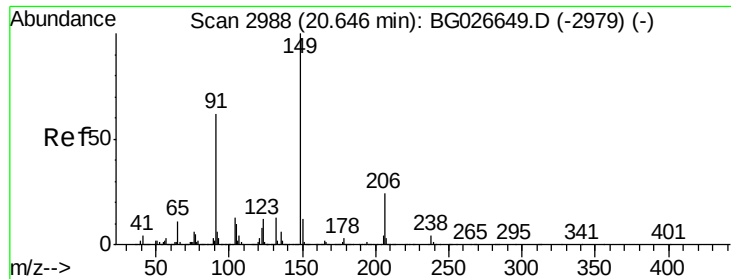
mohammad
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#78
Terphenyl-d14
Concen: 83.29 ng
RT: 19.97 min Scan# 2873
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	10.0	15.0#
122	14.0	8.6	12.8#





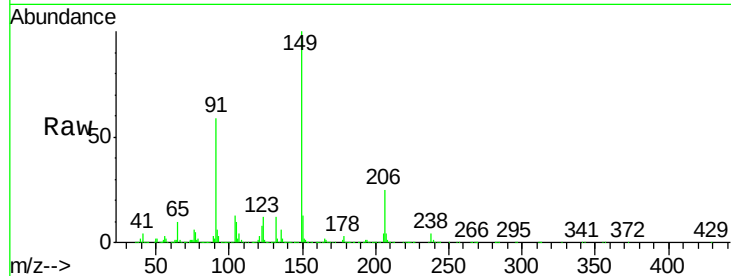
#79
Butylbenzylphthalate
Concen: 41.99 ng
RT: 20.65 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

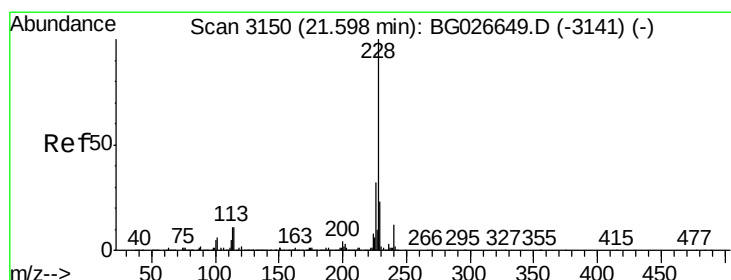
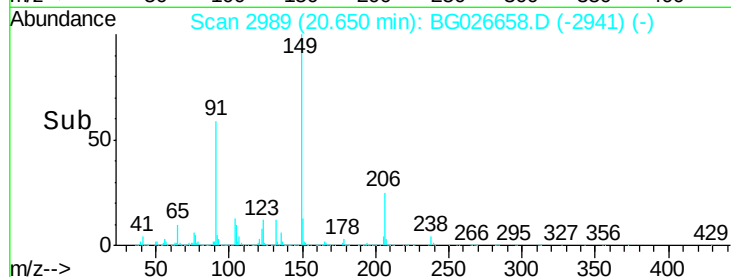
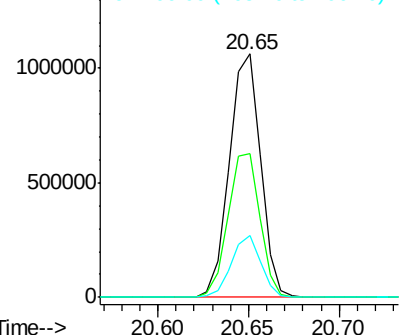
Tot Ion	Ratio	Lower	Upper
149	100		
91	59.2	63.5	95.3#
206	25.2	21.0	31.6

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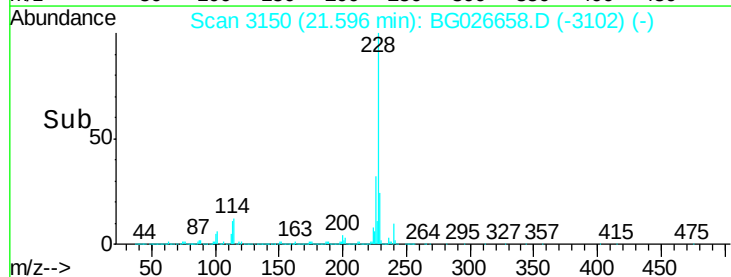
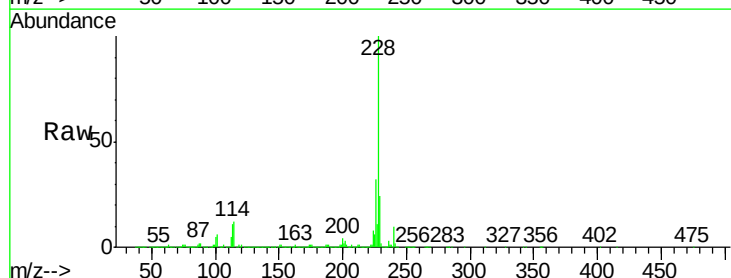
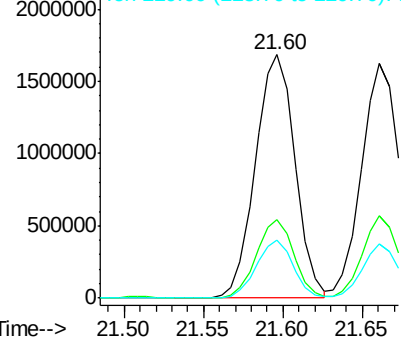
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

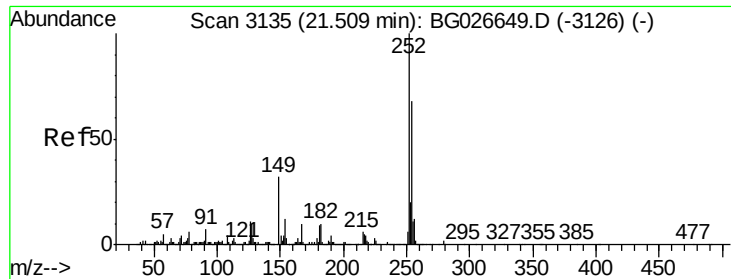


#80
Benzo(a)anthracene
Concen: 41.12 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.02 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	23.6	18.2	27.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





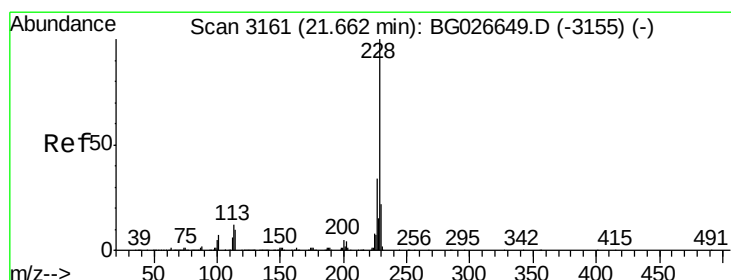
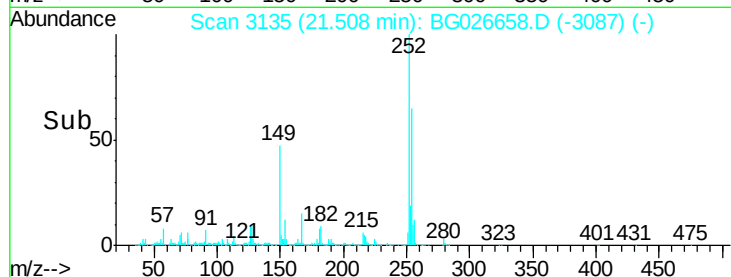
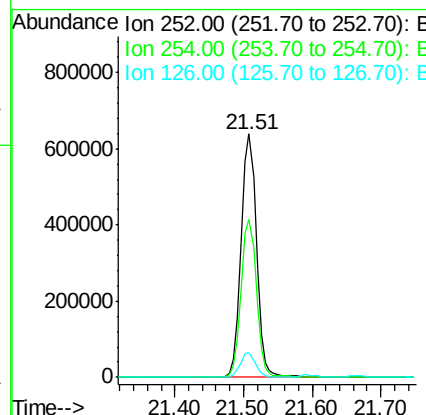
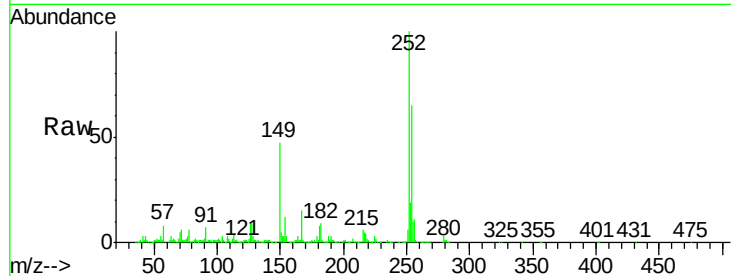
#81
 3,3'-Dichlorobenzidine
 Concen: 33.70 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.1	79.7
126	10.1	7.0	10.4

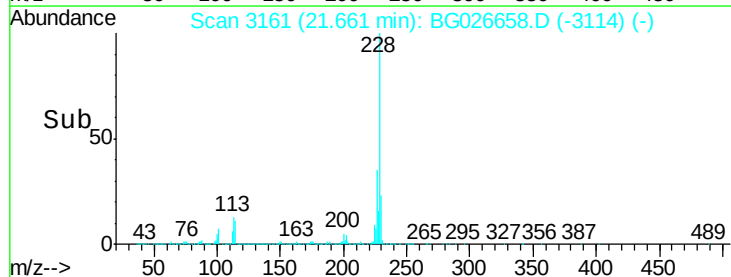
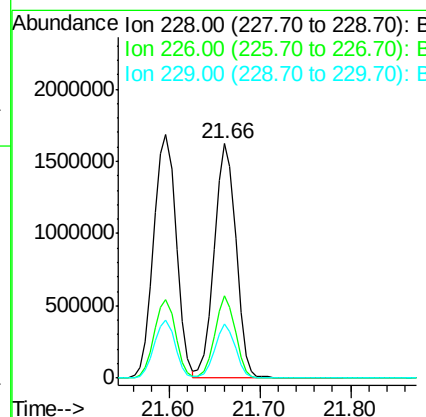
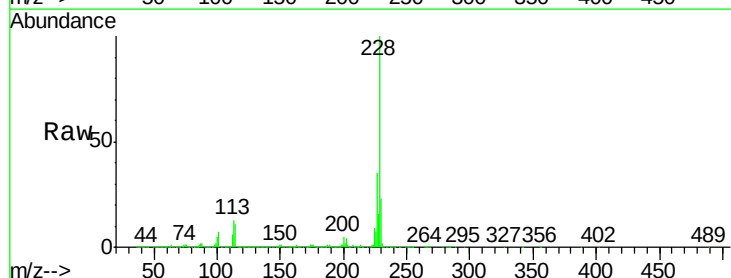
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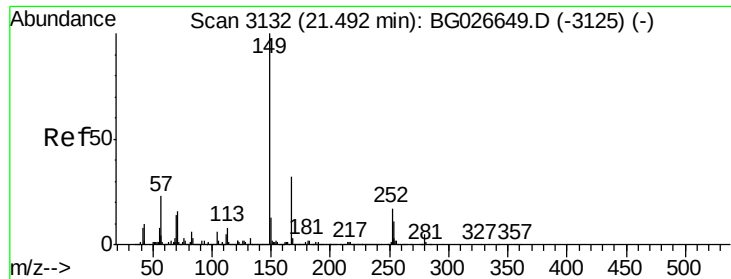
mohammad
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#82
 Chrysene
 Concen: 41.32 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.1	27.0	40.4
229	23.0	17.8	26.6





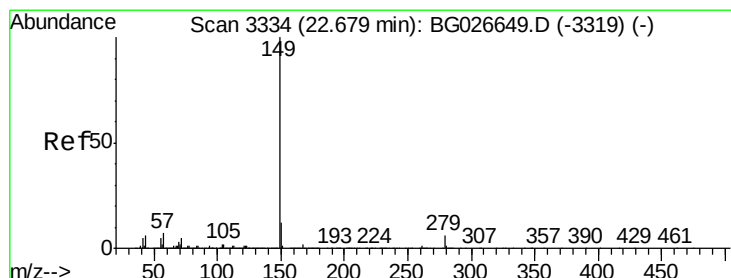
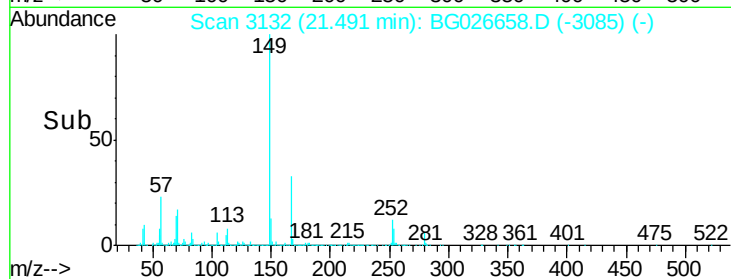
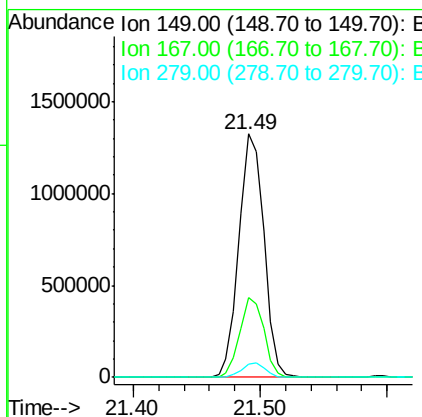
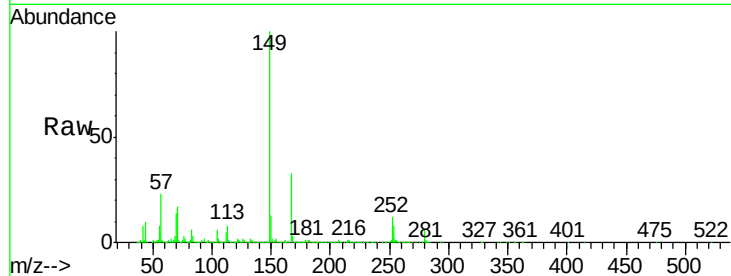
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.12 ng
 RT: 21.49 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.6	23.7	35.5
279	5.5	4.6	6.8

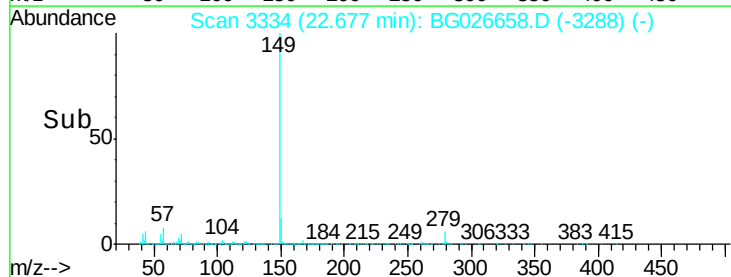
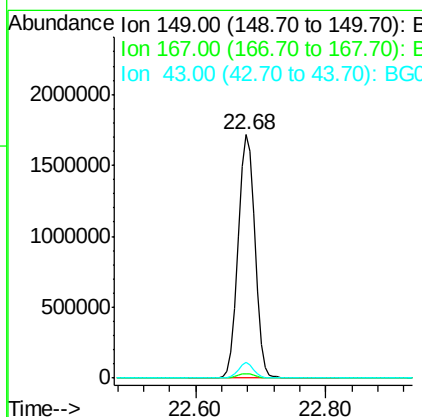
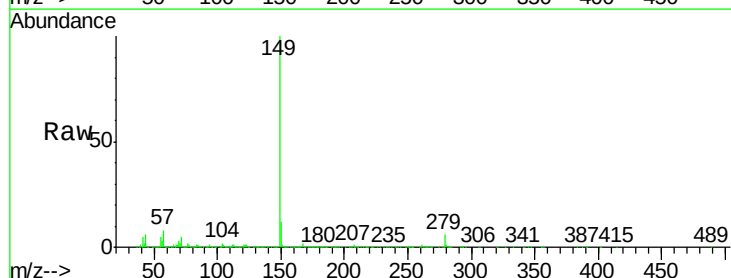
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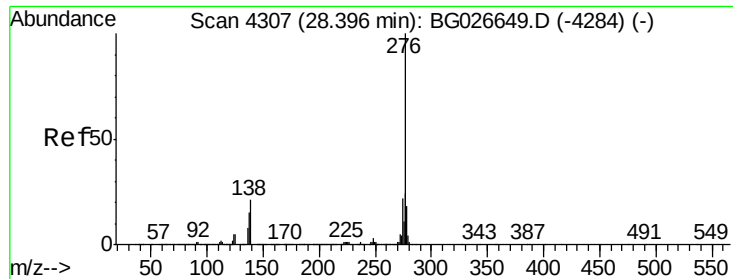
mohammad
 4/20/2017 2:00:41 PM



#84
 Di-n-octyl phthalate
 Concen: 41.90 ng
 RT: 22.68 min Scan# 3334
 Delta R.T. -0.03 min
 Lab File: BG026658.D
 Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	5.8	11.8	17.6#





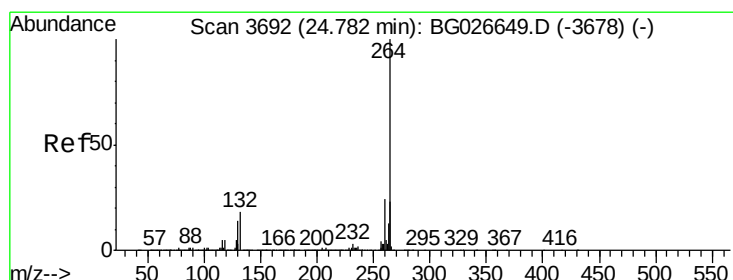
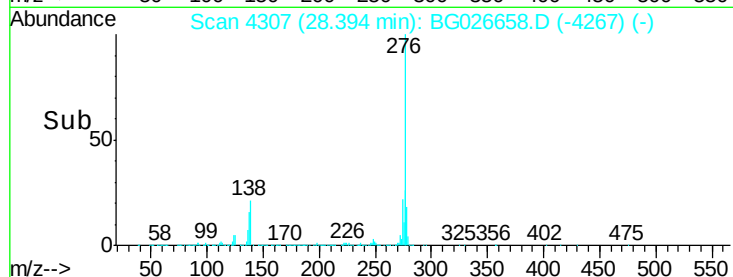
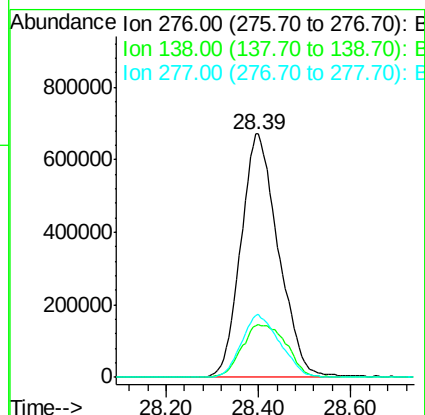
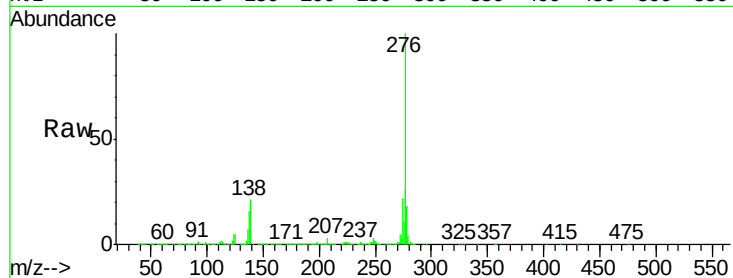
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.17 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.06 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion:276 Resp: 3779396
Ion Ratio Lower Upper
276 100
138 25.8 4.7 7.1#
277 26.6 20.6 31.0

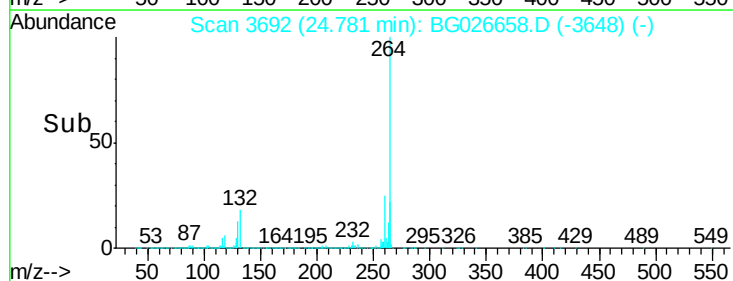
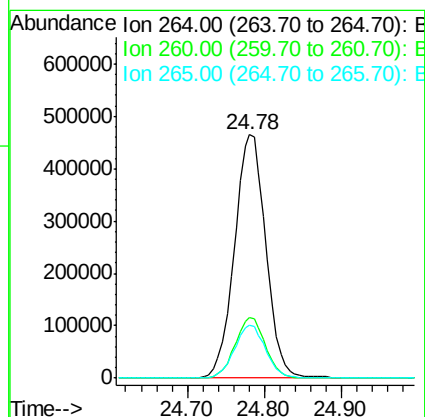
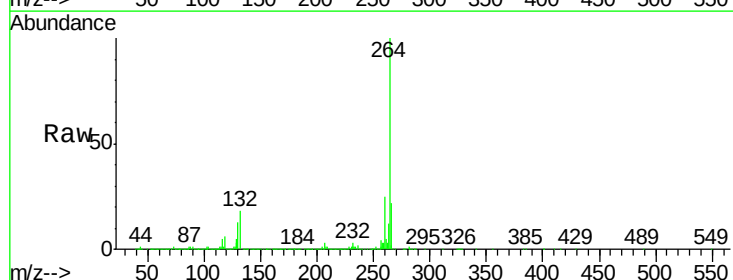
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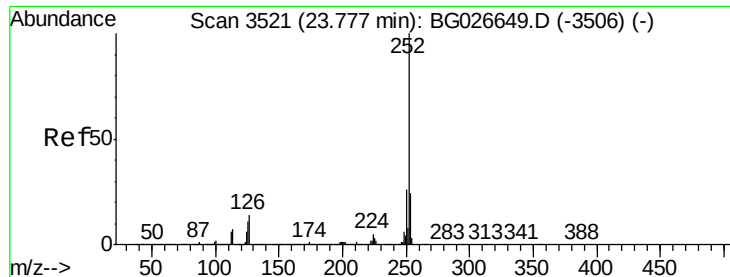
mohammad
4/20/2017 2:00:41 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.04 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion:264 Resp: 1321290
Ion Ratio Lower Upper
264 100
260 24.9 21.8 32.8
265 21.8 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 41.48 ng

RT: 23.78 min Scan# 3521

Delta R.T. -0.03 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Instrument :

BNA_G

ClientSampleId :

PB98333BSD

Tot Ion:252 Resp: 3137871

Ion Ratio Lower Upper

252 100

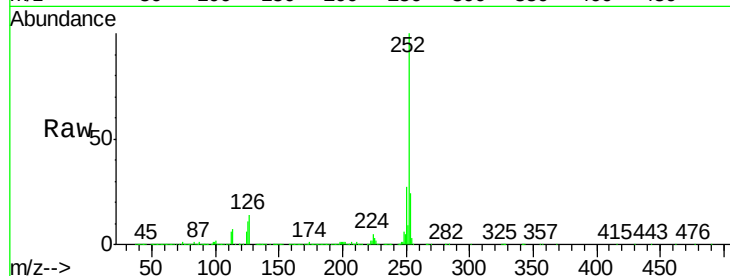
253 24.1 18.7 28.1

125 11.3 5.3 7.9#

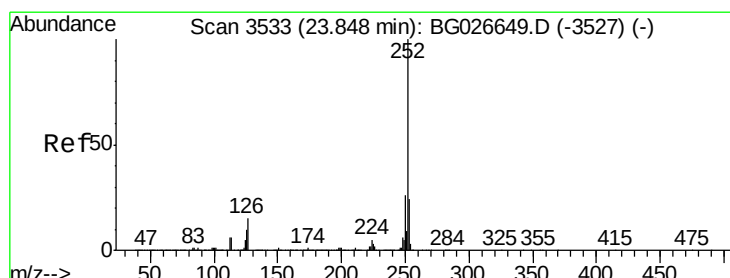
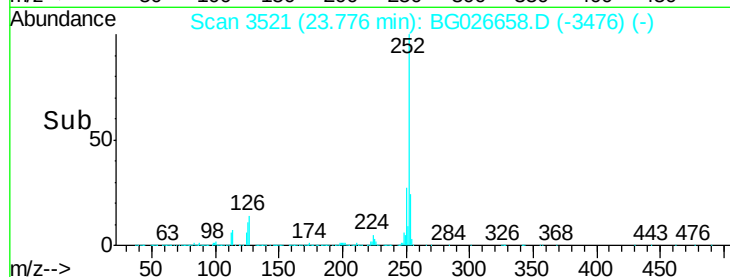
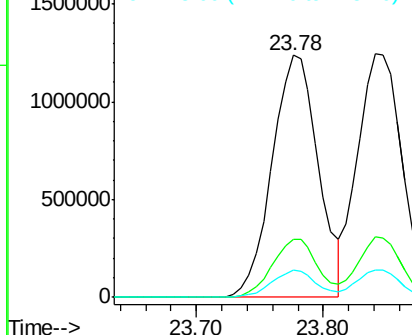
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.73 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.03 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

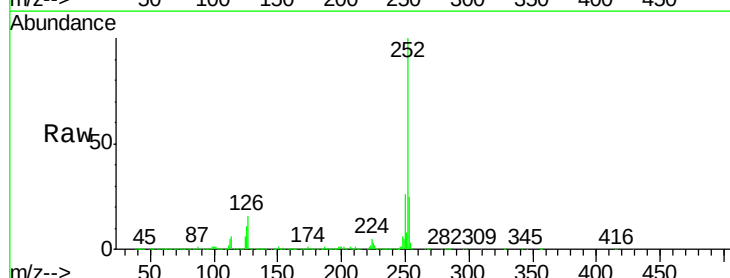
Tgt Ion:252 Resp: 3042520

Ion Ratio Lower Upper

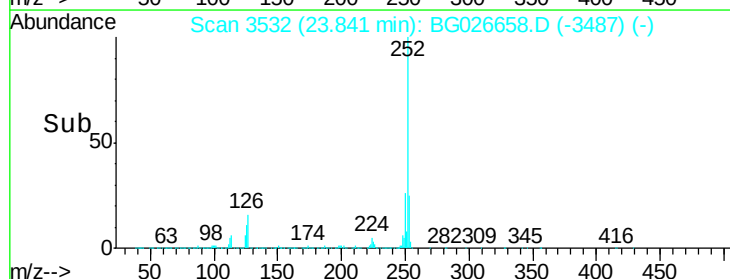
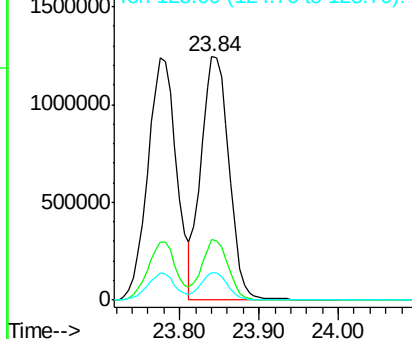
252 100

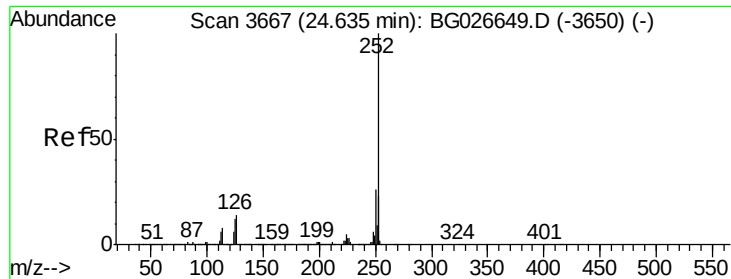
253 24.7 20.2 30.2

125 11.1 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





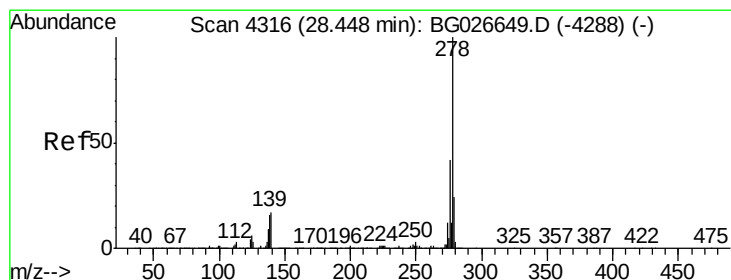
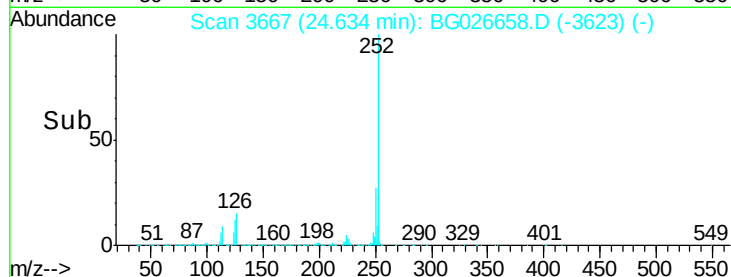
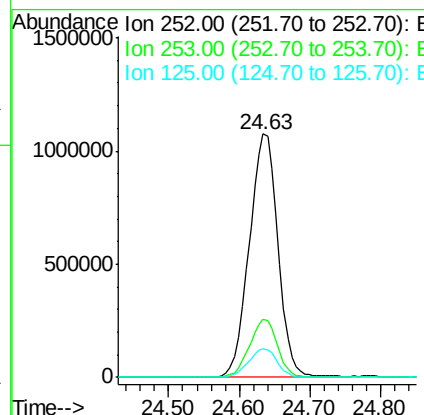
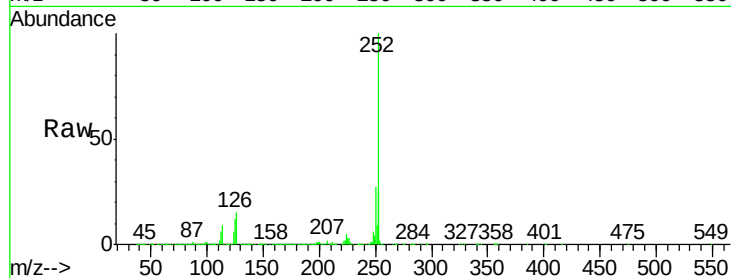
#89
Benzo(a)pyrene
Concen: 41.61 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.04 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Instrument :
BNA_G
ClientSampleId :
PB98333BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	11.8	5.4	8.0

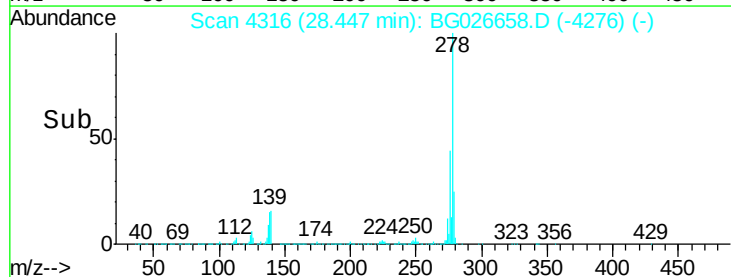
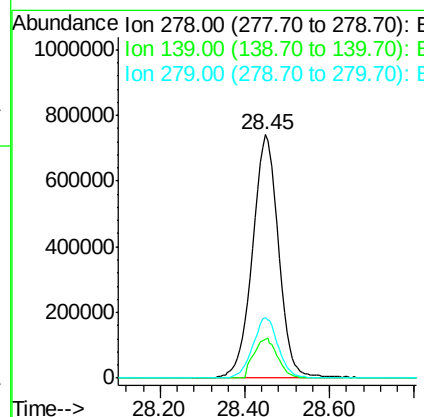
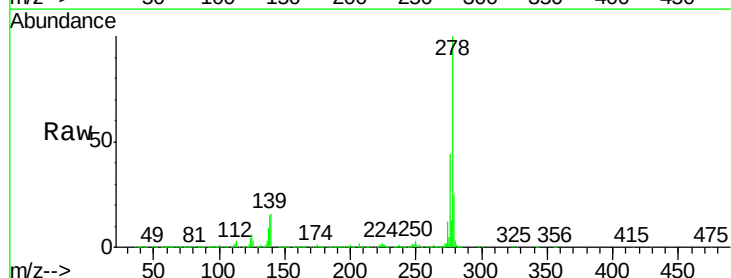
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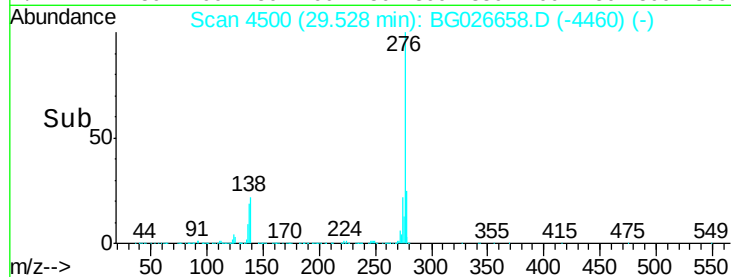
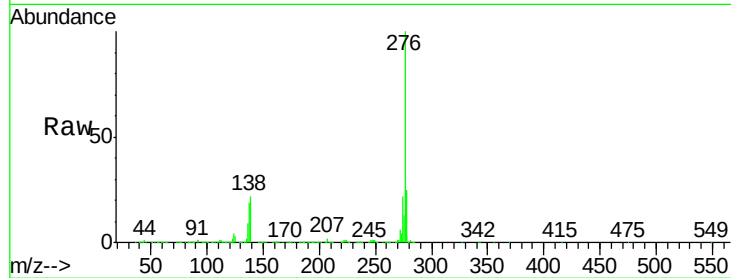
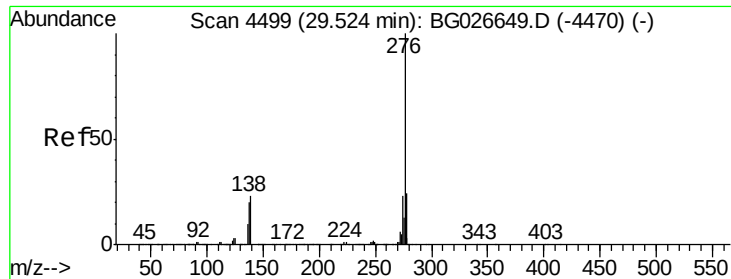
mohammad
4/20/2017 2:00:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.80 ng
RT: 28.45 min Scan# 4316
Delta R.T. -0.06 min
Lab File: BG026658.D
Acq: 19 Apr 2017 15:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	7.7	11.5
279	24.9	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 40.85 ng

RT: 29.53 min Scan# 4500

Delta R.T. -0.06 min

Lab File: BG026658.D

Acq: 19 Apr 2017 15:44

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.7	18.6	27.8	
138	21.7	8.1	12.1	

Instrument :

BNA_G

ClientSampleId :

PB98333BSD

Manual Integrations
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