

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026345.D
 Acq On : 21 Mar 2017 2:58
 Operator : SJ/MA
 Sample : PB97680BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BSD

Manual Integrations
 APPROVED

Quant Time: Mar 21 05:27:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	104638	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	454604	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	269551	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	667923	20.00	ng	0.00
75) Chrysene-d12	21.64	240	763530	20.00	ng	0.00
86) Perylene-d12	24.81	264	753150	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	915073	155.22	ng	0.00
7) Phenol-d6	7.21	99	1193115	150.75	ng	0.00
23) Nitrobenzene-d5	9.20	82	637782	84.36	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	468065	151.63	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1677744	87.29	ng	0.00
78) Terphenyl-d14	19.98	244	2480335	78.89	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	103152	38.98	ng	# 73
3) Pyridine	3.90	79	283821	39.16	ng	# 63
4) n-Nitrosodimethylamine	3.81	42	84065	42.44	ng	# 1
6) Aniline	7.37	93	67754	6.41	ng	# 85
8) 2-Chlorophenol	7.61	128	335801	50.58	ng	# 82
9) Benzaldehyde	7.18	77	126381	23.65	ng	# 71
10) Phenol	7.24	94	422671	50.04	ng	# 70
11) bis(2-Chloroethyl)ether	7.46	93	301337	43.51	ng	# 84
12) 1,3-Dichlorobenzene	7.93	146	358269	45.33	ng	# 87
13) 1,4-Dichlorobenzene	8.08	146	366186m	45.81	ng	
14) 1,2-Dichlorobenzene	8.40	146	347413	45.41	ng	92
15) Benzyl Alcohol	8.28	79	219577	42.32	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.57	45	301601	39.21	ng	# 80
17) 2-Methylphenol	8.49	107	291661	48.62	ng	# 81
18) Hexachloroethane	9.13	117	113841	43.55	ng	# 91
19) n-Nitroso-di-n-propylamine	8.85	70	220236	43.28	ng	# 71
20) 3+4-Methylphenols	8.81	107	402748	48.77	ng	# 86
22) Acetophenone	8.86	105	467621	44.73	ng	# 75
24) Nitrobenzene	9.24	77	320126	42.88	ng	# 72
25) Isophorone	9.77	82	618668	43.42	ng	# 88
26) 2-Nitrophenol	9.96	139	188353	48.49	ng	# 63
27) 2,4-Dimethylphenol	10.01	122	320623	50.29	ng	# 85
28) bis(2-Chloroethoxy)methane	10.24	93	407878	44.06	ng	# 97
29) 2,4-Dichlorophenol	10.50	162	332752	51.60	ng	# 92
30) 1,2,4-Trichlorobenzene	10.71	180	335385	46.30	ng	# 99
31) Naphthalene	10.90	128	1012883	44.07	ng	# 99
32) Benzoic acid	10.14	122	226971	46.26	ng	# 75
33) 4-Chloroaniline	11.01	127	23913	2.56	ng	# 86
34) Hexachlorobutadiene	11.18	225	189297	44.30	ng	# 96
35) Caprolactam	11.76	113	119873m	47.18	ng	
36) 4-Chloro-3-methylphenol	12.12	107	338655	49.10	ng	# 78
37) 2-Methylnaphthalene	12.49	142	774695	46.01	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	350459	43.21	ng	# 99
40) Hexachlorocyclopentadiene	12.84	237	425364	99.64	ng	# 97

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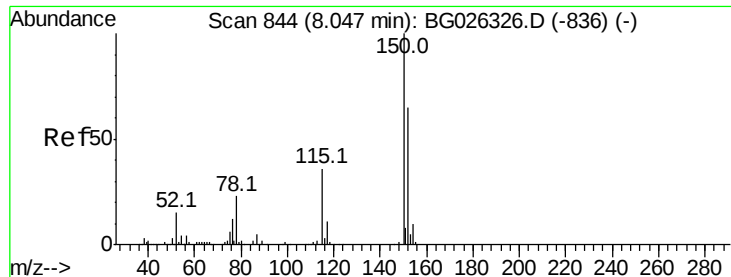
Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	264686	49.85	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	280659	47.82	nq	# 91
45) 1,1'-Biphenyl	13.49	154	984548	44.10	nq	97
46) 2-Chloronaphthalene	13.54	162	742470	45.54	nq	97
47) 2-Nitroaniline	13.73	65	196069	42.29	nq	# 61
48) Acenaphthylene	14.38	152	1240537	43.65	nq	98 mohammad
49) Dimethylphthalate	14.10	163	960917	47.23	nq	98
50) 2,6-Dinitrotoluene	14.22	165	225811	47.55	nq	# 62
51) Acenaphthene	14.71	154	770670	44.03	nq	98
53) 2,4-Dinitrophenol	14.76	184	281985	102.37	nq	# 77
54) Dibenzofuran	15.05	168	1192076	48.37	nq	# 89 3/21/2017 5:22:31 PM
55) 4-Nitrophenol	14.86	139	435314	101.67	nq	# 39
56) 2,4-Dinitrotoluene	15.01	165	326165	48.84	nq	# 69
57) Fluorene	15.70	166	980235	44.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	265663	51.90	nq	# 98
59) Diethylphthalate	15.45	149	971807	46.73	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	466540	44.89	nq	91
61) 4-Nitroaniline	15.71	138	187716	33.94	nq	# 50
62) Azobenzene	15.98	77	811371	47.99	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	204655	48.60	nq	86
65) n-Nitrosodiphenylamine	15.90	169	872587	44.51	nq	99
66) 4-Bromophenyl-phenylether	16.58	248	313635	45.62	nq	93
67) Hexachlorobenzene	16.70	284	331241	45.17	nq	92
68) Atrazine	16.84	200	321461	43.32	nq	97
69) Pentachlorophenol	17.04	266	435482	91.33	nq	96
70) Phenanthrene	17.43	178	1574308	43.89	nq	97
71) Anthracene	17.52	178	1633316	44.63	nq	100
72) Carbazole	17.78	167	1584362	42.05	nq	96
73) Di-n-butylphthalate	18.33	149	1772072	45.78	nq	# 94
74) Fluoranthene	19.43	202	1925738	45.66	nq	95
76) Benzidine	19.60	184	233622	8.87	nq	98
77) Pyrene	19.79	202	1967007	44.49	nq	100
79) Butylbenzylphthalate	20.67	149	836831	47.31	nq	# 84
80) Benzo(a)anthracene	21.61	228	1914134	44.55	nq	98
81) 3,3'-Dichlorobenzidine	21.52	252	222977	12.68	nq	# 96
82) Chrysene	21.68	228	1750718	42.65	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1222209	45.74	nq	98
84) Di-n-octyl phthalate	22.71	149	2102527	46.11	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.46	276	2349350	46.35	nq	# 88
87) Benzo(b)fluoranthene	23.81	252	1988998	44.80	nq	# 97
88) Benzo(k)fluoranthene	23.87	252	1958954	45.50	nq	# 94
89) Benzo(a)pyrene	24.67	252	1938211	45.52	nq	# 95
90) Dibenzo(a,h)anthracene	28.51	278	1953322	45.39	nq	# 93
91) Benzo(g,h,i)perylene	29.59	276	1961523	45.23	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

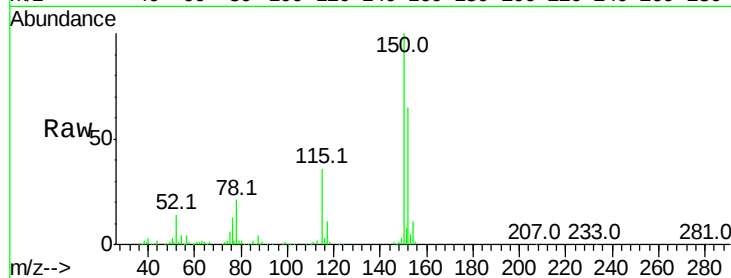
BNA_G

ClientSampleId :

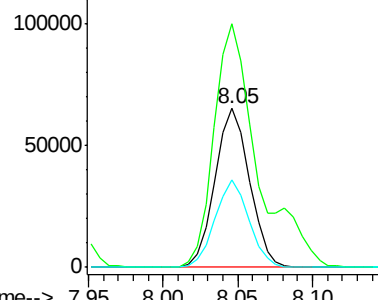
PB97680BSD

Tot Ion:	152	Resp:	104638
Ion	Ratio	Lower	Upper
152	100		
150	153.5	114.0	171.0
115	55.0	48.1	72.1

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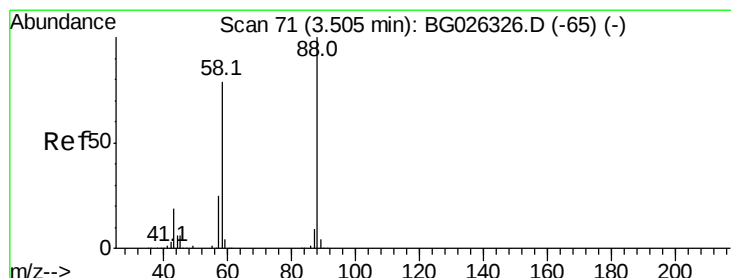
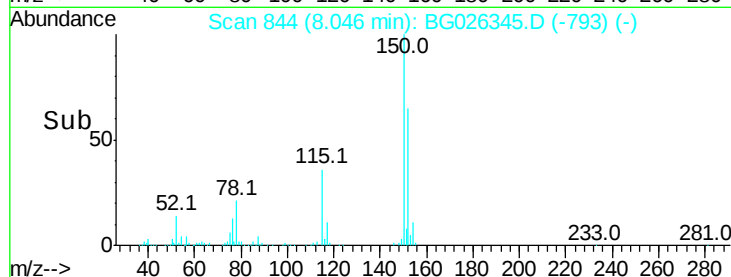


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 38.98 ng

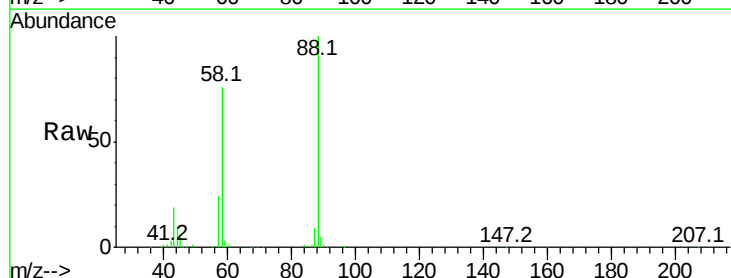
RT: 3.50 min Scan# 70

Delta R.T. -0.01 min

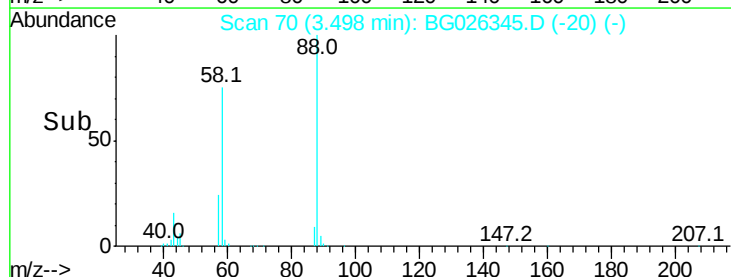
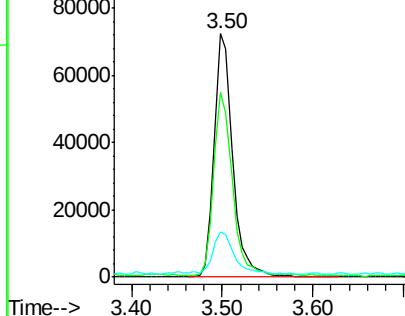
Lab File: BG026345.D

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Tgt Ion:	88	Resp:	103152
Ion	Ratio	Lower	Upper
88	100		
58	76.2	79.4	119.2#
43	19.8	33.8	50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.16 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

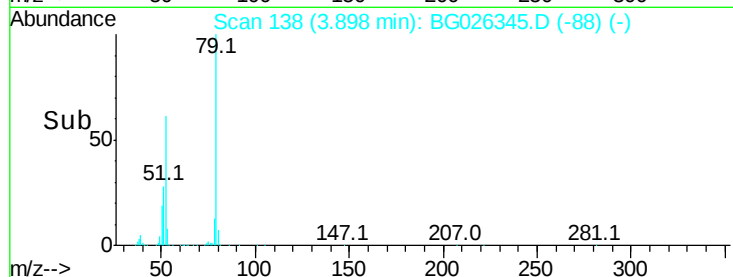
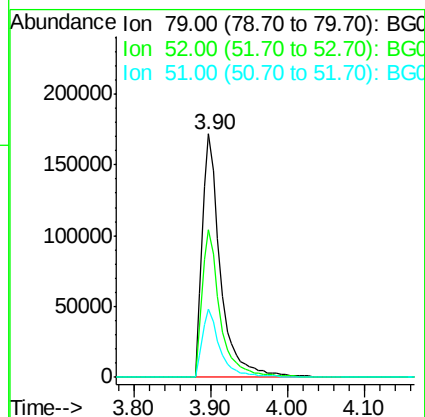
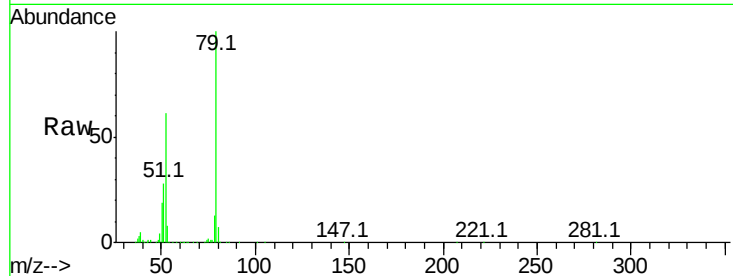
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ClientSampleId :

PB97680BSD

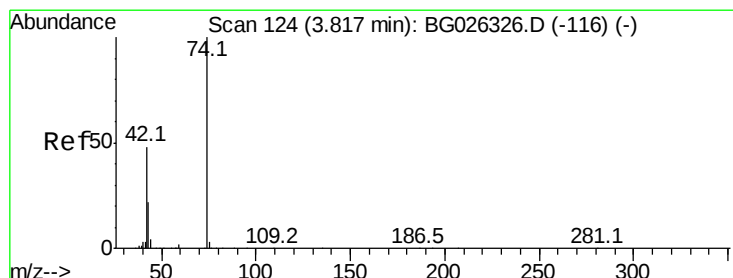
Tot Ion:	79	Resp:	283821
Ion Ratio	Lower	Upper	
79	100		
52	60.8	77.8	116.6#
51	28.3	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 42.44 ng

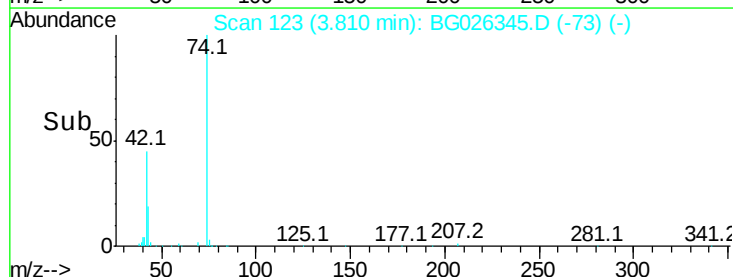
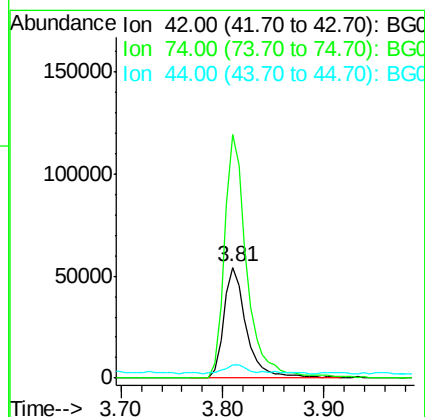
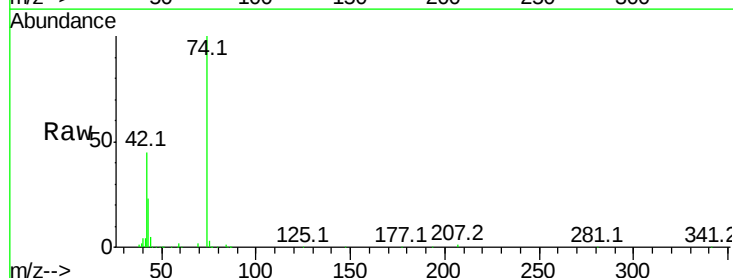
RT: 3.81 min Scan# 123

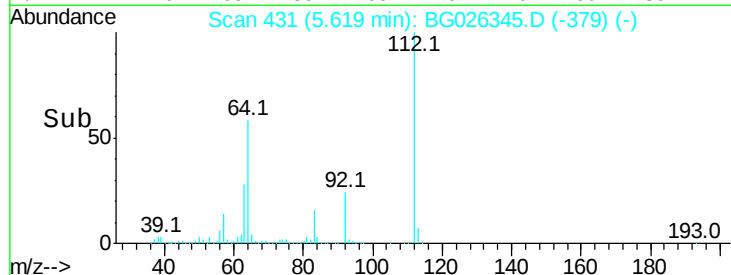
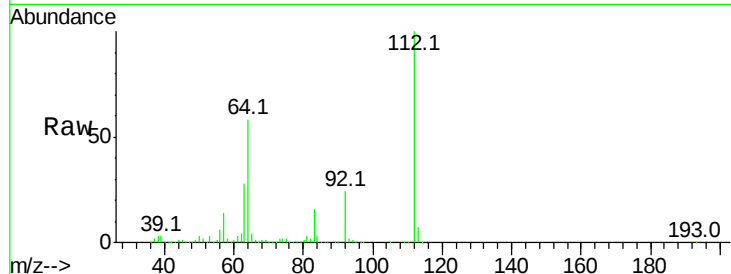
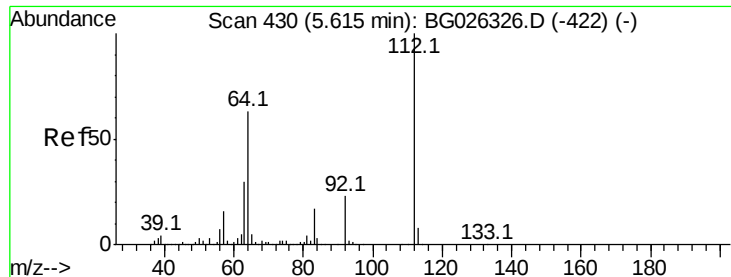
Delta R.T. -0.01 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Tgt Ion:	42	Resp:	84065
Ion Ratio	Lower	Upper	
42	100		
74	219.9	76.7	115.1#
44	11.5	6.1	9.1#



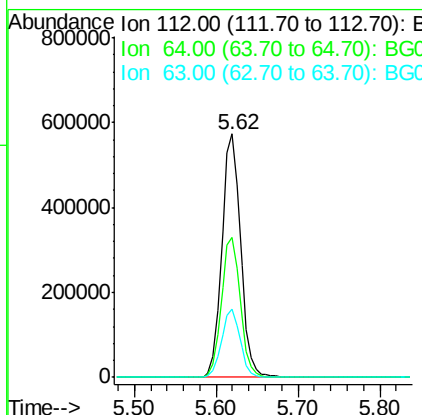


#5
2-Fluorophenol
Concen: 155.22 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	57.5	61.8	92.6#
63	28.1	37.2	55.8#

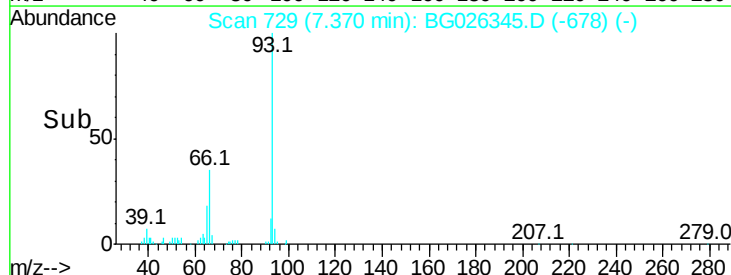
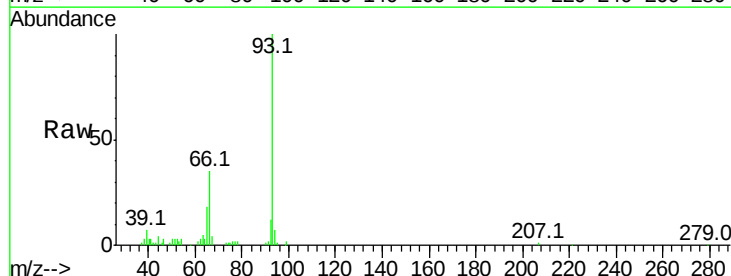
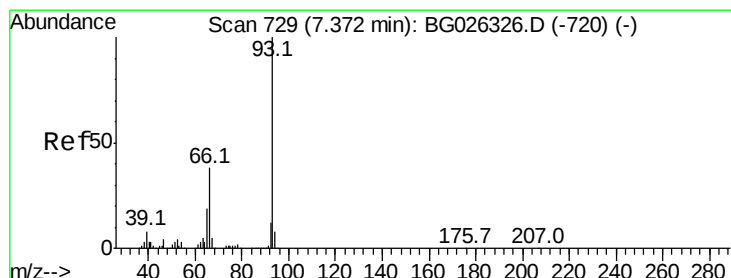
Instrument :
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ClientSampleId :
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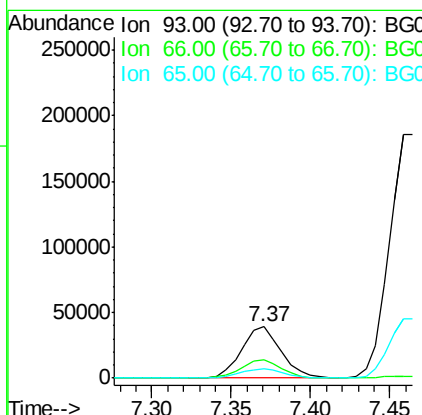
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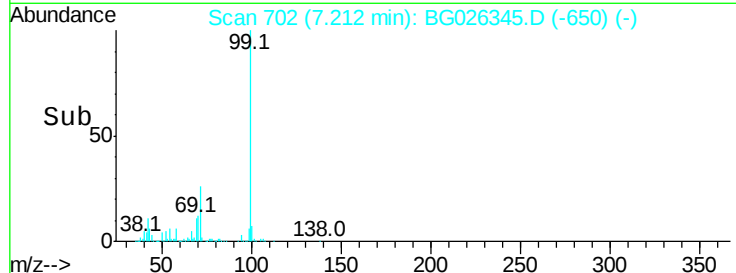
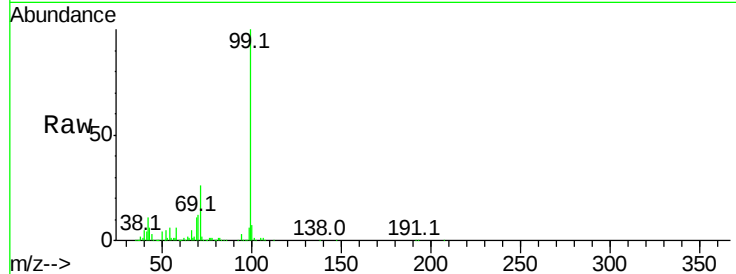
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#6
Aniline
Concen: 6.41 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	35.5	35.4	53.2
65	18.3	21.2	31.8#





#7

Phenol-d6

Concen: 150.75 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Tot Ion:	99	Resp:	1193115
Ion	Ratio	Lower	Upper
99	100		
42	10.9	20.5	30.7#
71	25.7	37.6	56.4#

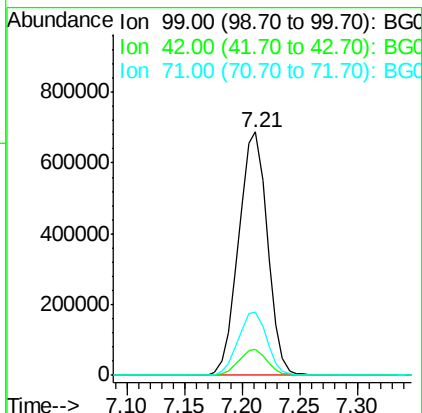
Instrument :

BNA_G

ClientSampleId :

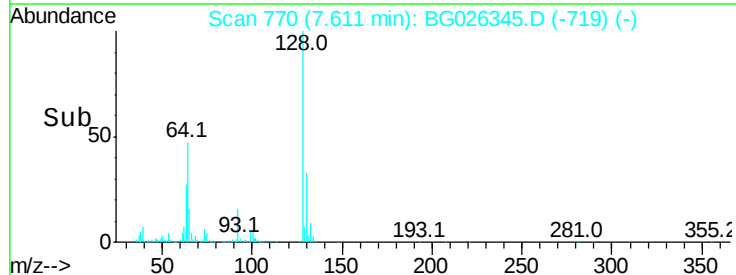
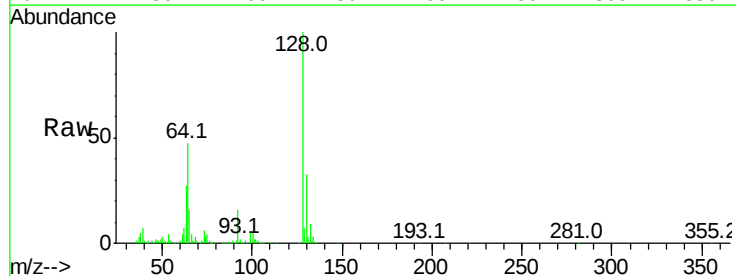
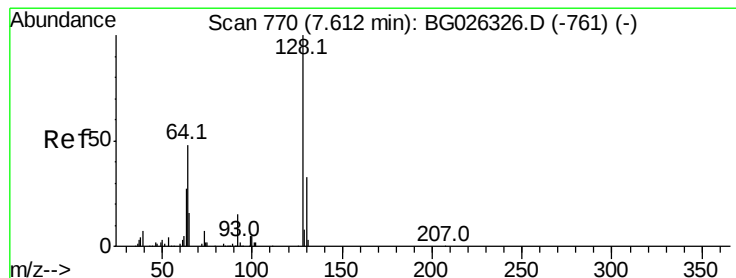
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#8

2-Chlorophenol

Concen: 50.58 ng

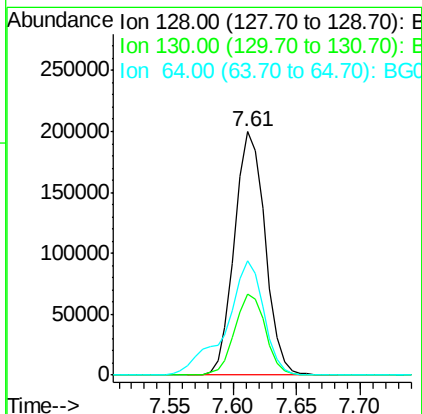
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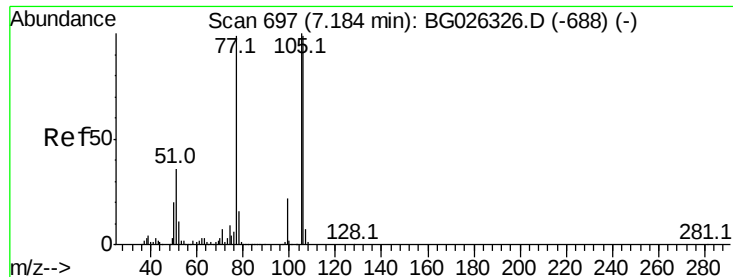
Delta R.T. -0.00 min

Lab File: BG026345.D

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Tgt Ion:	128	Resp:	335801
Ion	Ratio	Lower	Upper
128	100		
130	33.4	11.4	51.4
64	47.1	46.6	86.6





#9

Benzaldehyde

Concen: 23.65 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

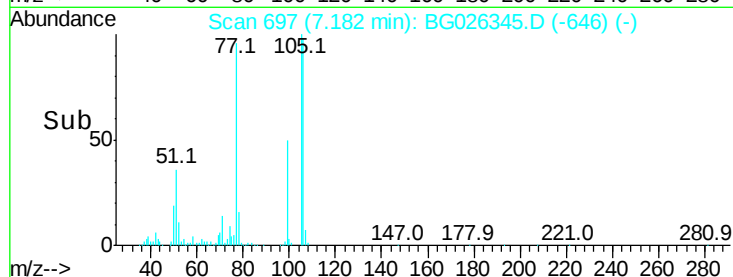
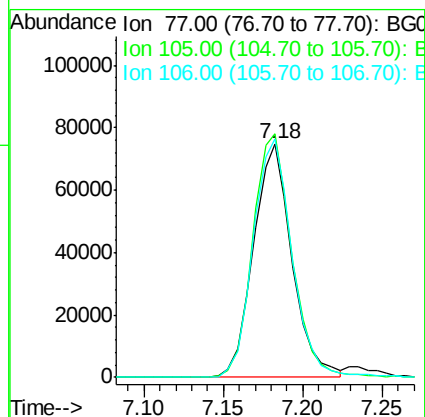
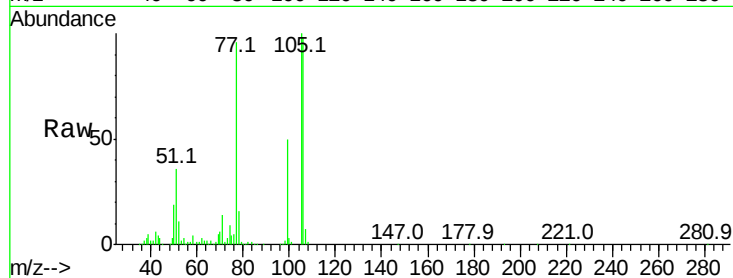
BNA_G

ClientSampleId :

PB97680BSD

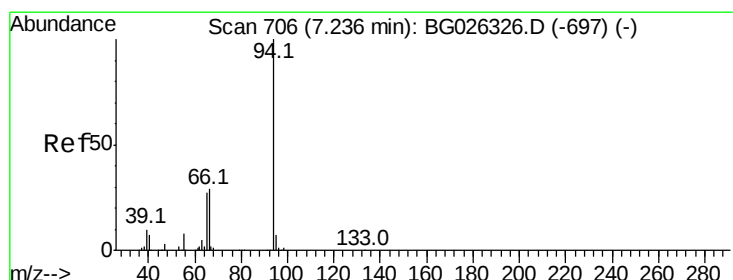
Tot Ion	Ratio	Lower	Upper
77	100		
105	104.1	60.9	100.9#
106	102.0	55.1	95.1#

Manual Integrations
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#10

Phenol

Concen: 50.04 ng

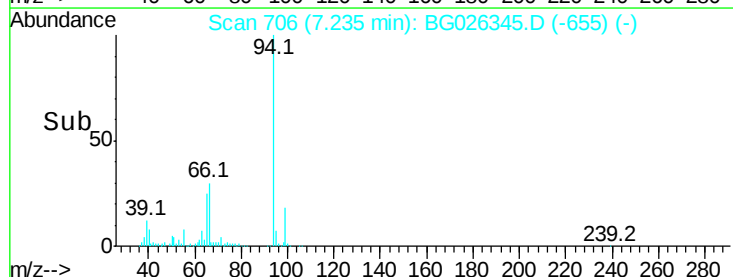
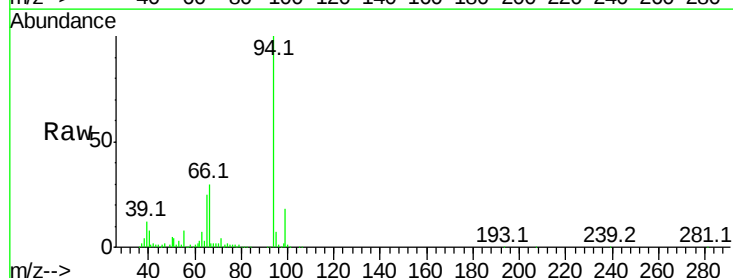
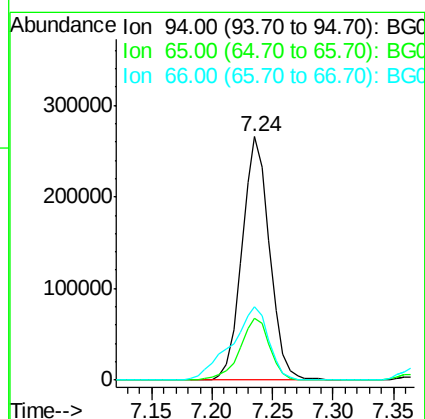
RT: 7.24 min Scan# 706

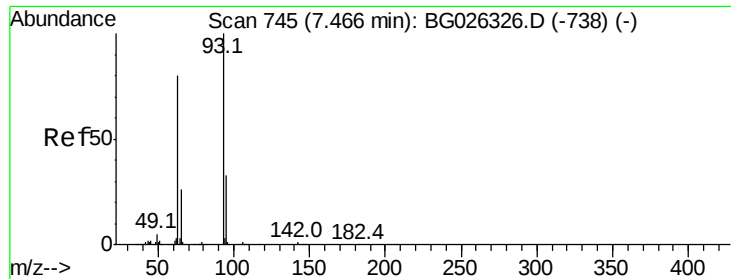
Delta R.T. -0.00 min

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.2	20.6	60.6
66	30.4	35.5	75.5#



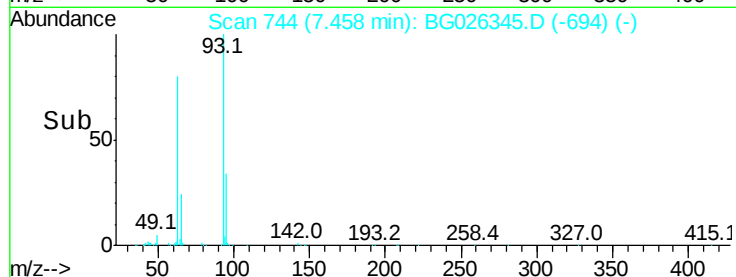
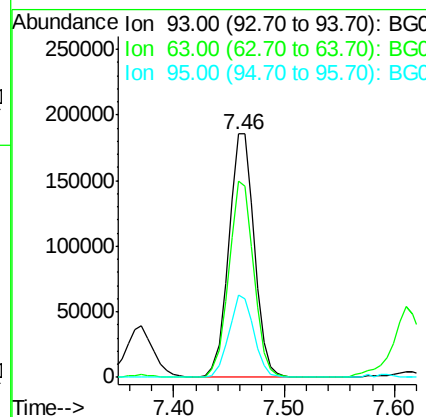
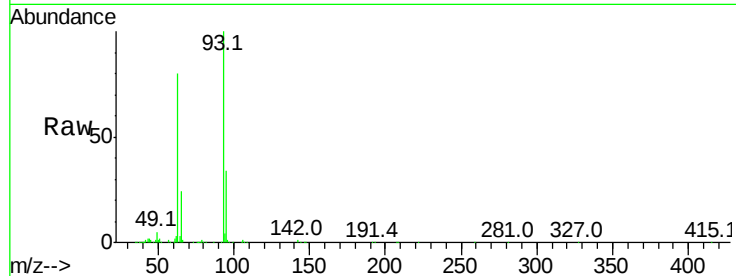


#11
bis(2-Chloroethyl)ether
Concen: 43.51 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Instrument :
BNA_G
ClientSampleId :
PB97680BSD

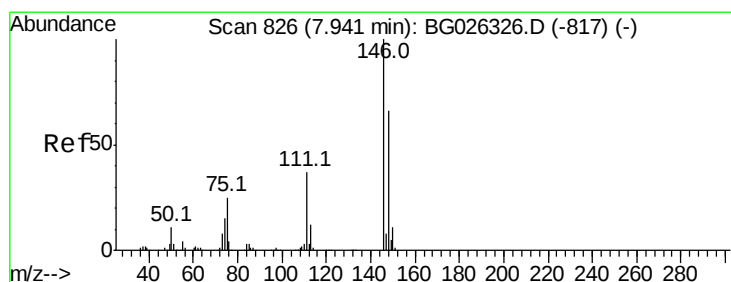
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.4	78.5	118.5
95	33.8	9.8	49.8

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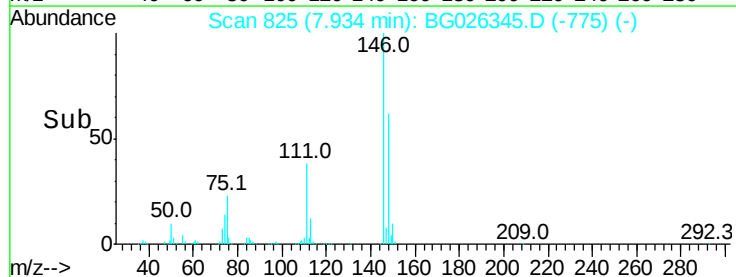
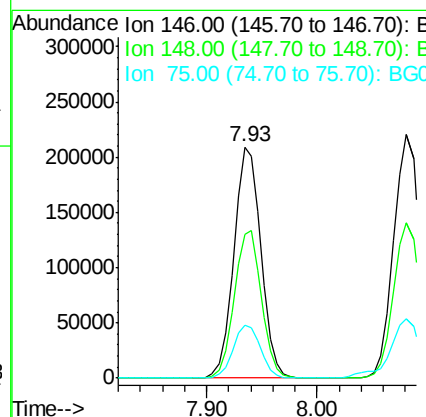
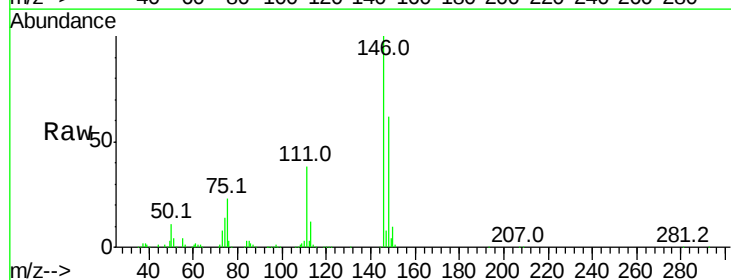
mohammad

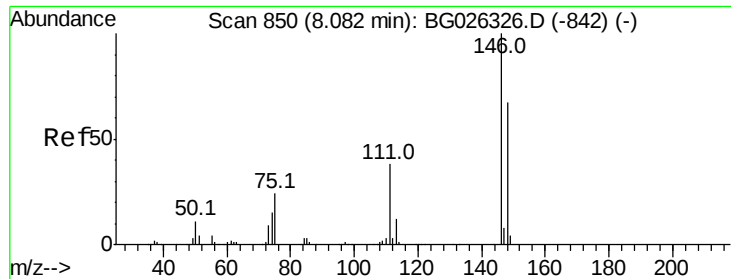
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#12
1,3-Dichlorobenzene
Concen: 45.33 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	49.2	73.8
75	23.0	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 45.81 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

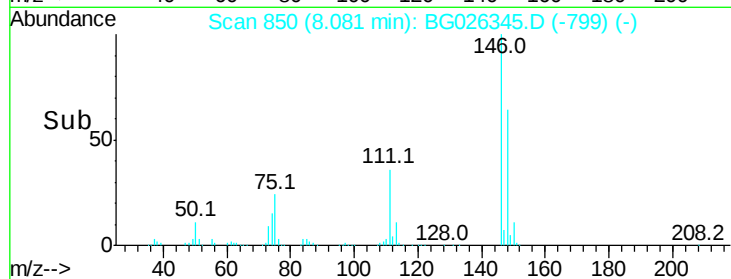
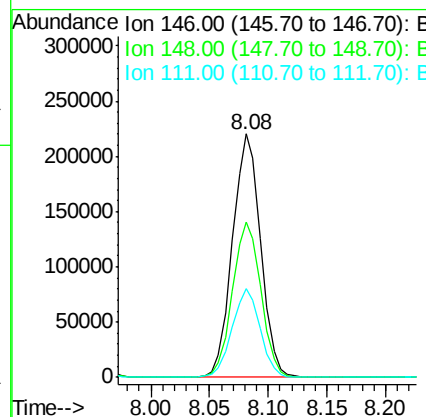
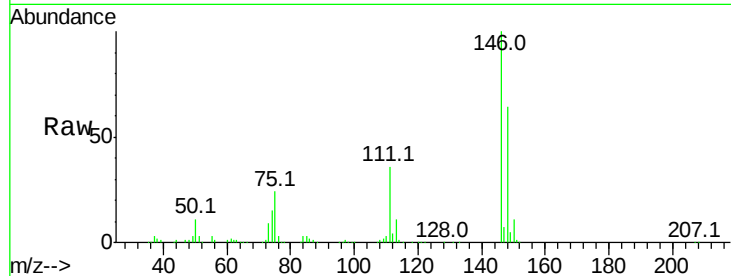
BNA_G

ClientSampleId :

PB97680BSD

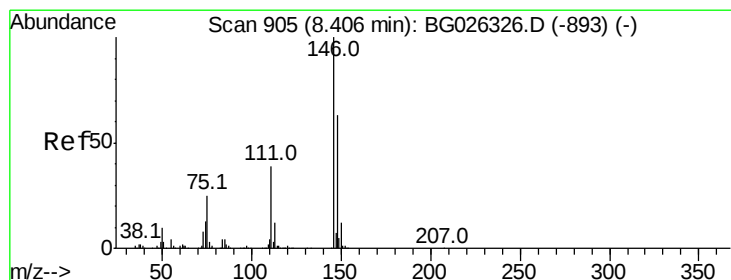
Tot Ion:	146	Resp:	366186
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	36.5	37.0	55.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 45.41 ng

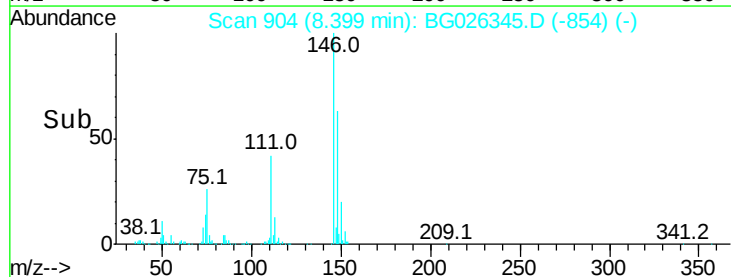
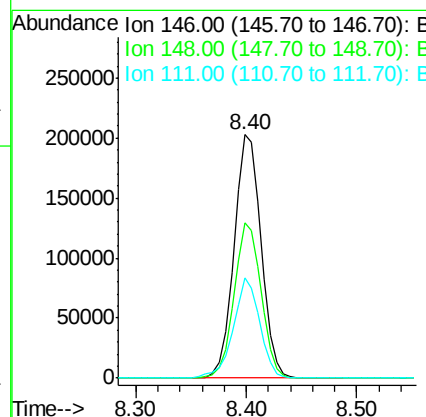
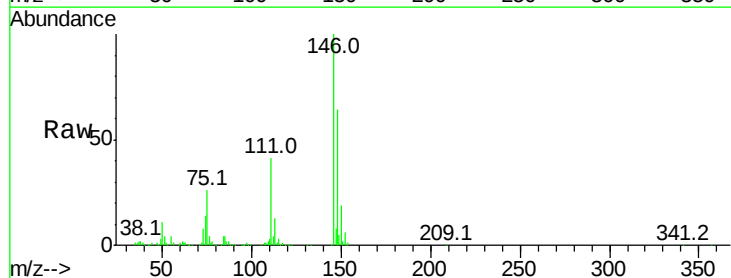
RT: 8.40 min Scan# 904

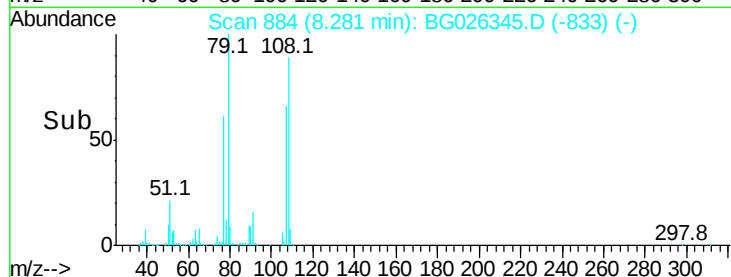
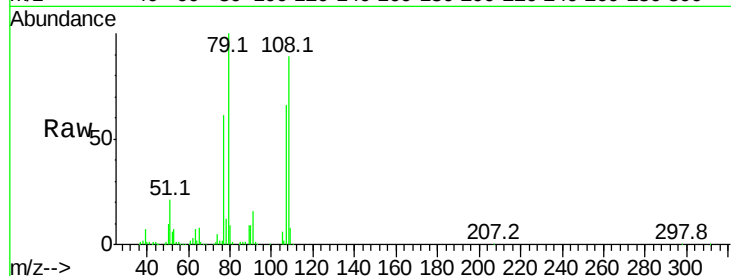
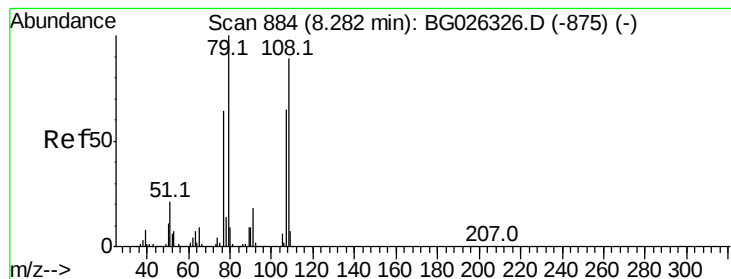
Delta R.T. -0.01 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Tgt Ion:	146	Resp:	347413
Ion Ratio	Lower	Upper	
146	100		
148	63.7	54.6	81.8
111	41.3	39.7	59.5





#15

Benzyl Alcohol

Concen: 42.32 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Tot Ion:	79	Resp:	219577
Ion Ratio	Lower	Upper	
79	100		
108	88.7	45.5	68.3#
77	61.2	54.3	81.5

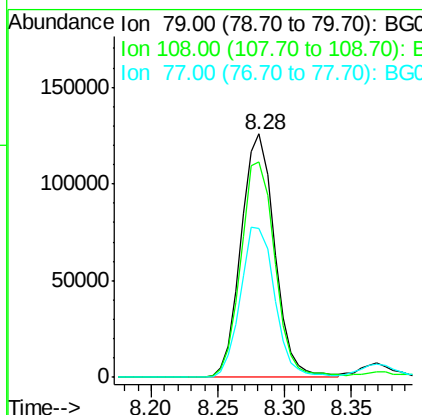
Instrument :

BNA_G

ClientSampleId :

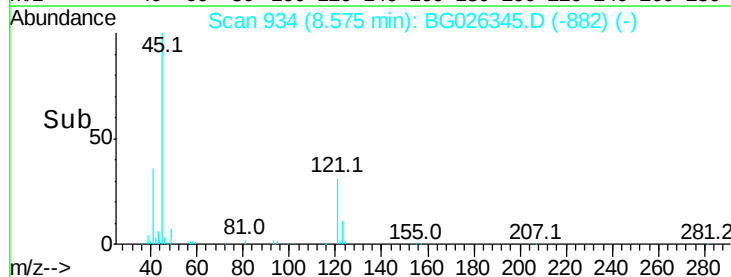
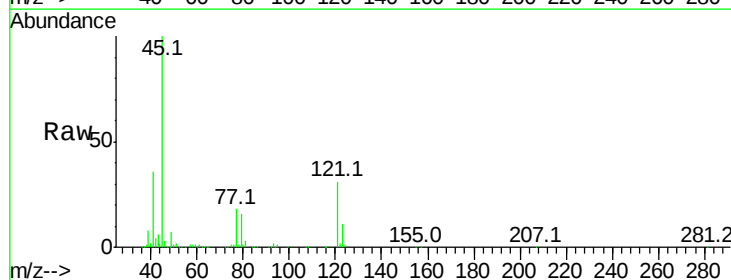
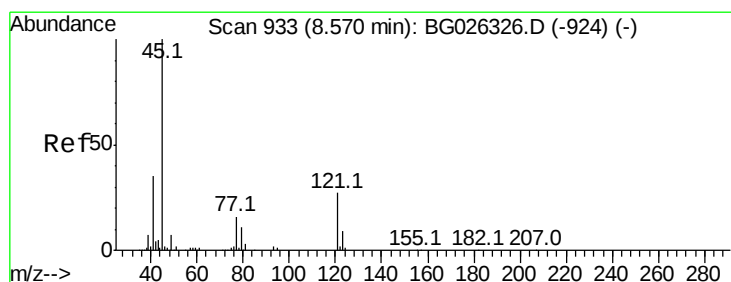
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.21 ng

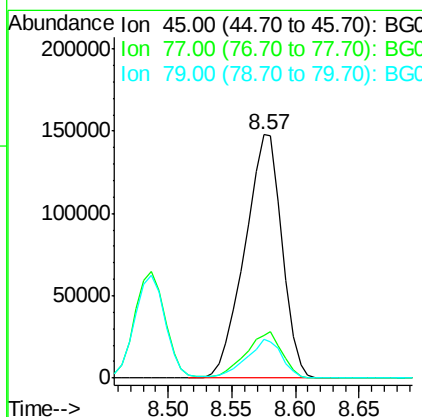
RT: 8.57 min Scan# 934

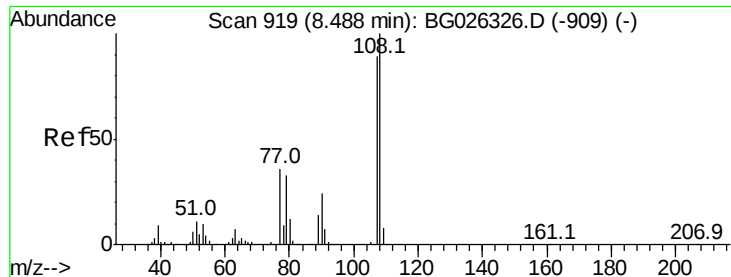
Delta R.T. 0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Tgt Ion:	45	Resp:	301601
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	30.6
79	15.7	0.0	28.5



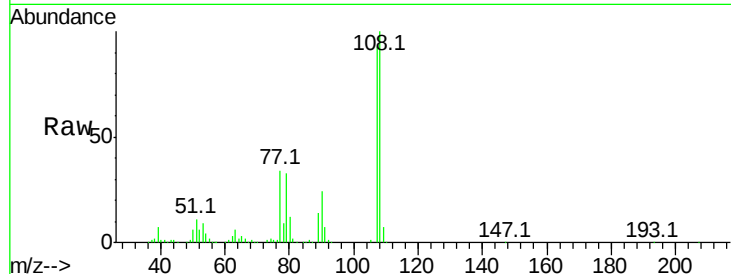


#17
2-Methylphenol
Concen: 48.62 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

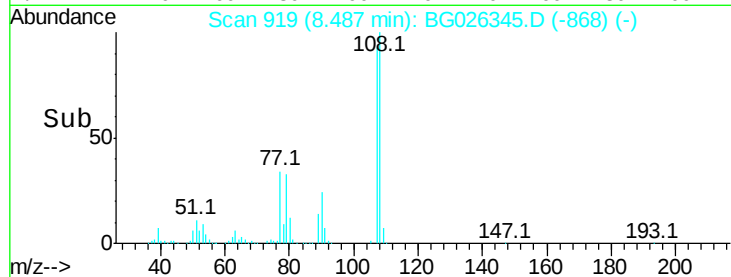
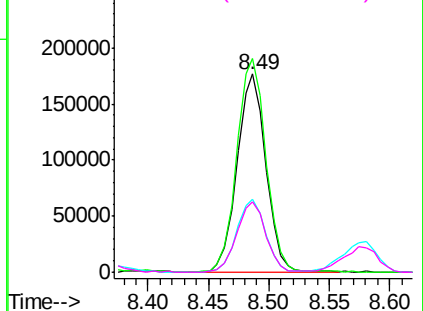
Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.8	85.6	128.4	
77	36.6	51.4	77.2#	
79	35.5	49.2	73.8#	

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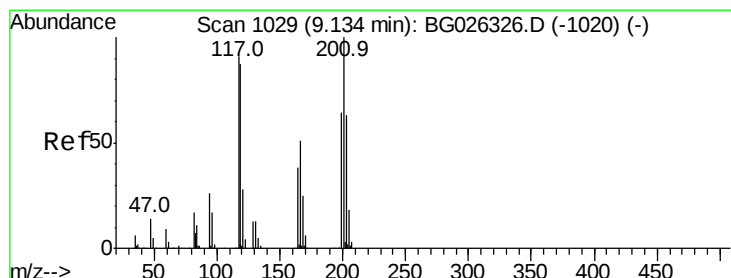


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



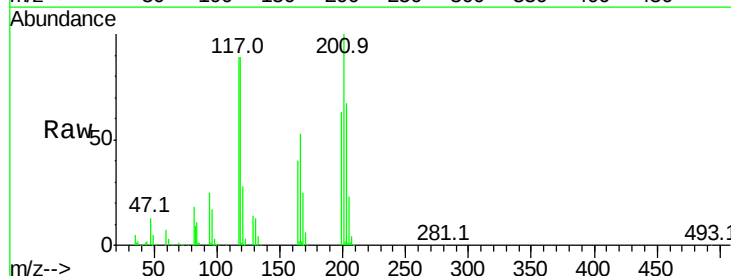
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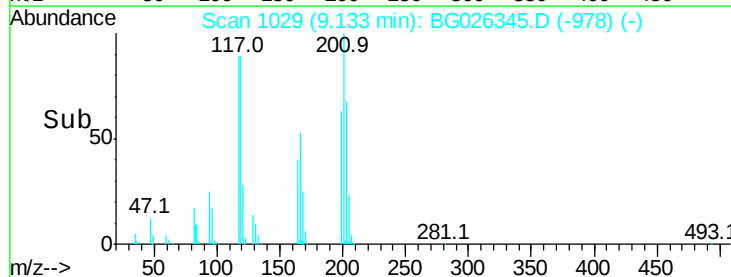
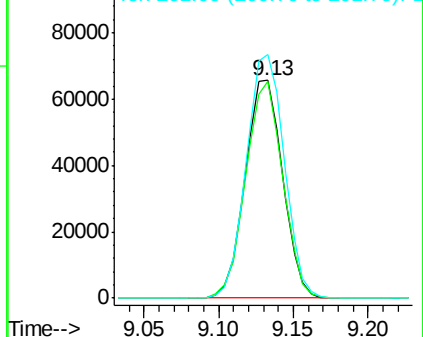


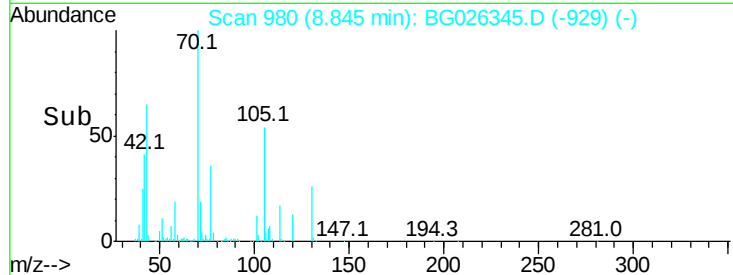
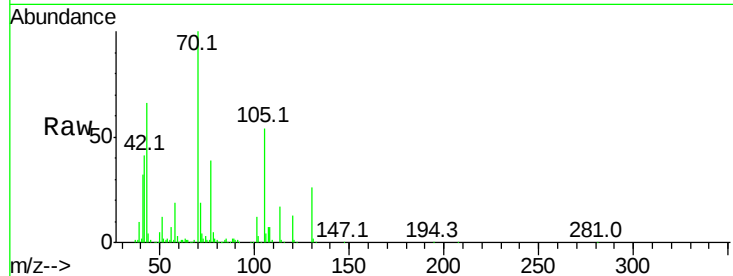
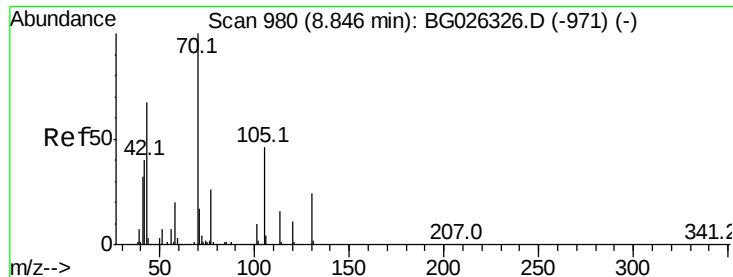
#18
Hexachloroethane
Concen: 43.55 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.4	69.8	104.6	
201	111.9	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



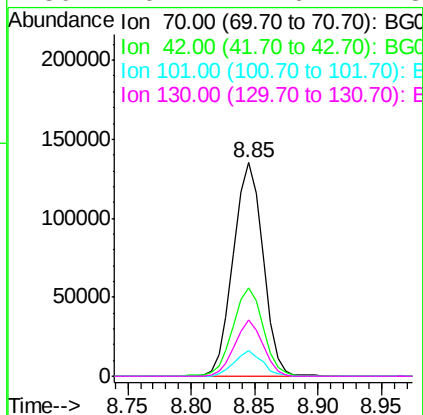


#19
n-Nitroso-di-n-propylamine
Concen: 43.28 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Instrument :
BNA_G
ClientSampleId :
PB97680BSD

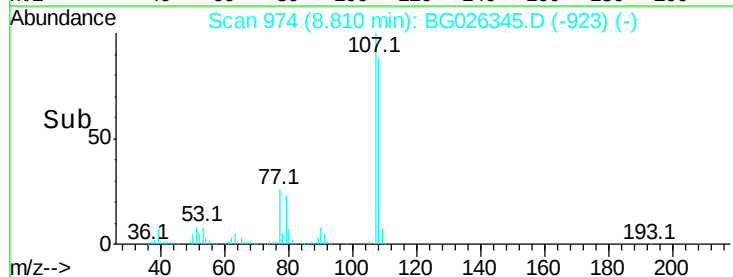
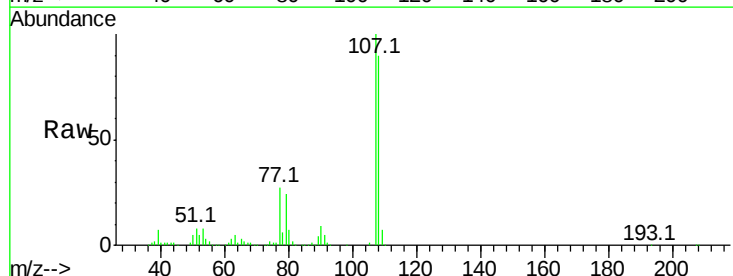
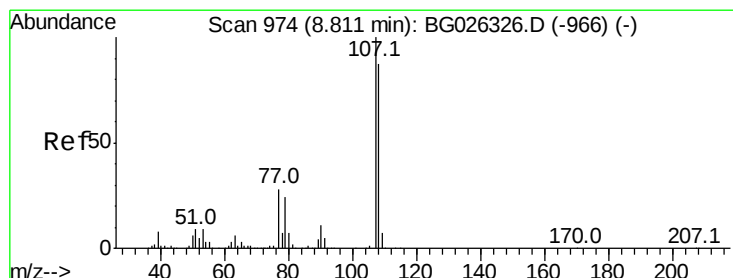
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.3	56.1	84.1#
101	11.9	7.5	11.3#
130	26.1	14.6	21.8#

Manual Integrations
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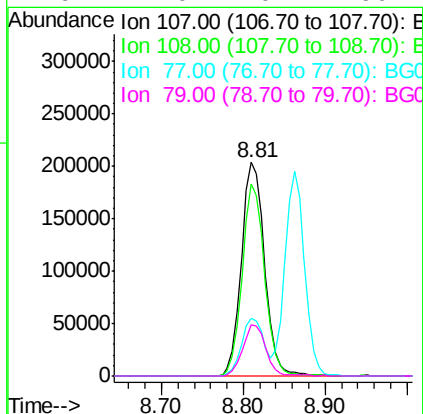
mohammad

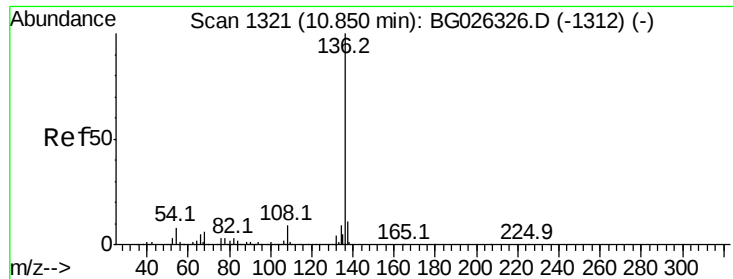
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#20
3+4-Methylphenols
Concen: 48.77 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.8	110.8
77	27.0	25.8	65.8
79	24.0	20.1	60.1



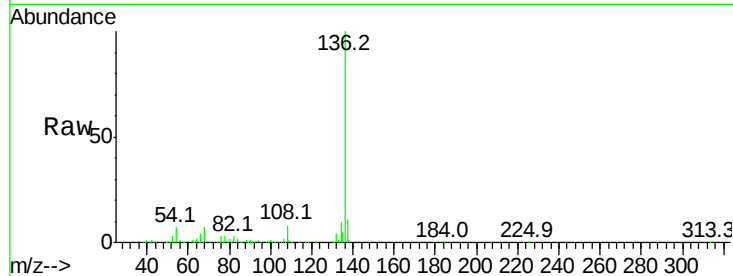


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

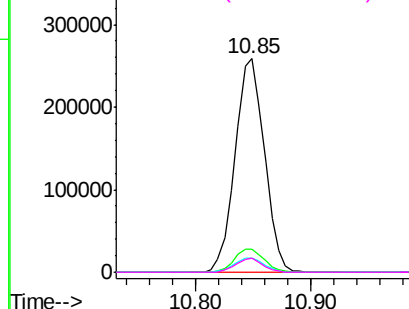
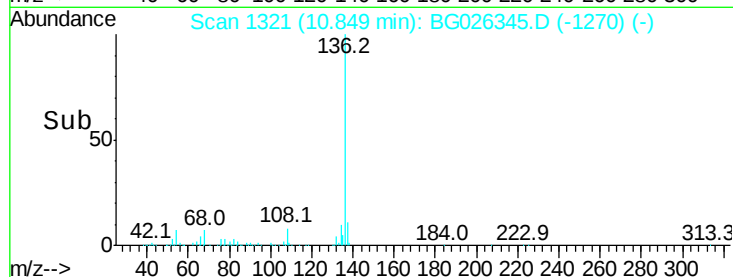
Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.7	9.3	13.9	
68	6.7	5.1	7.7	

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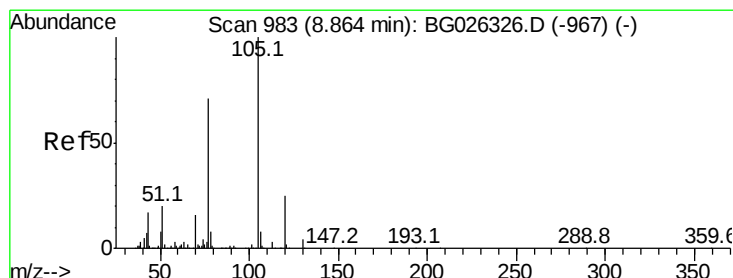


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



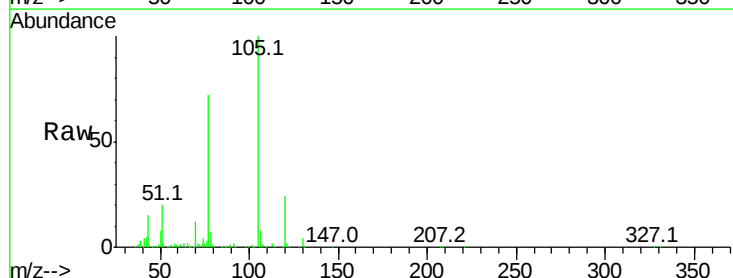
mohammad

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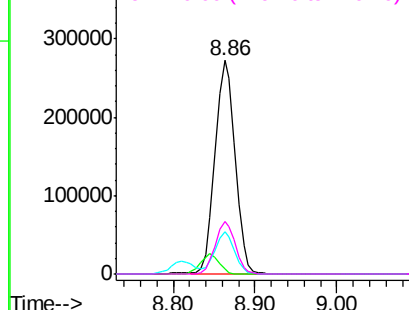
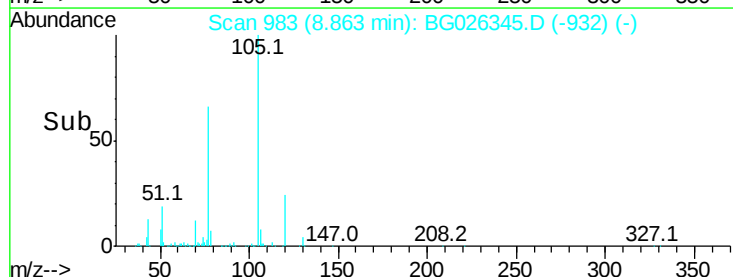


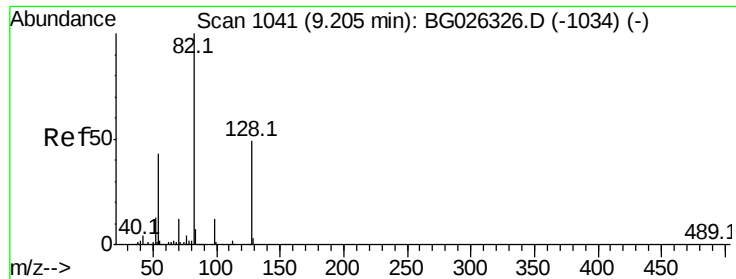
#22
Acetophenone
Concen: 44.73 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.2	0.9	1.3	
51	19.7	34.0	51.0	
120	24.4	17.3	25.9	



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



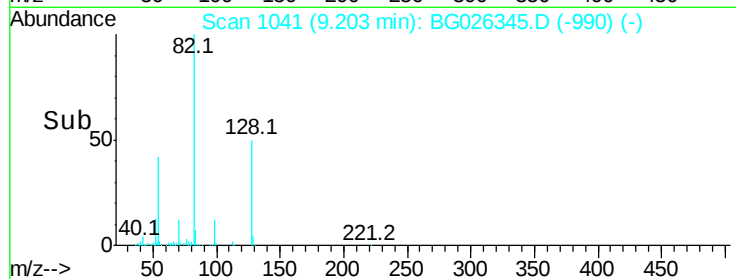
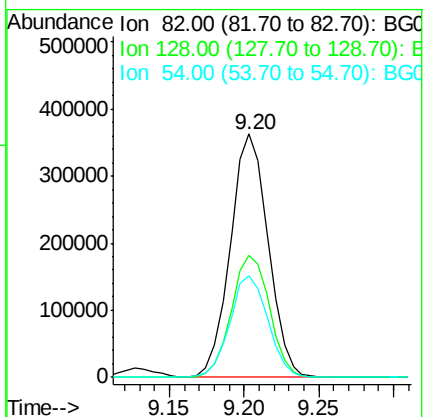
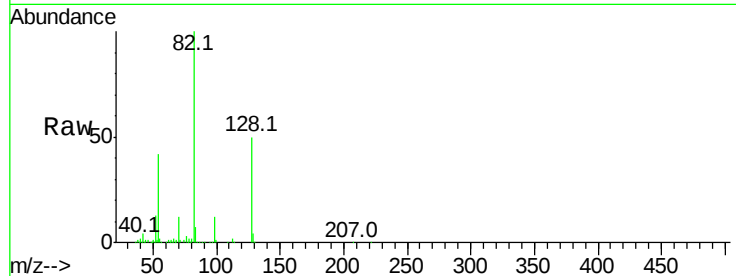


#23
 Nitrobenzene-d5
 Concen: 84.36 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Instrument :
 BNA_G
 ClientSampleID :
 PB97680BSD

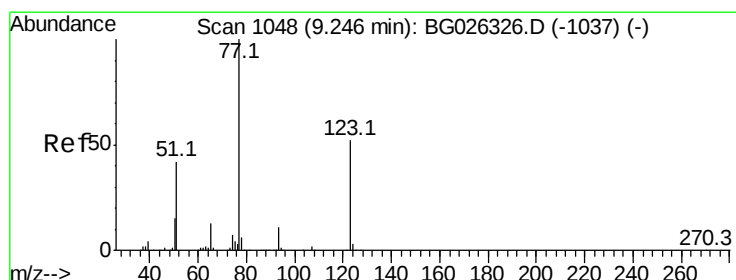
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.3	26.4	39.6#
54	41.7	49.4	74.2#

Manual Integrations
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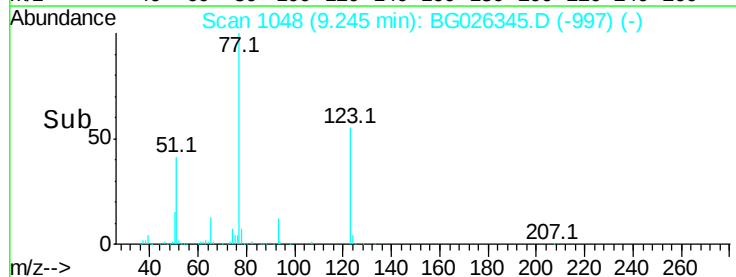
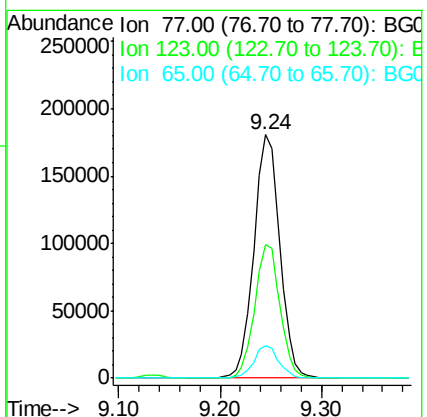
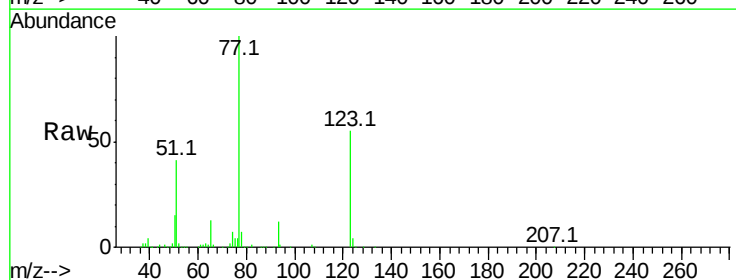
mohammad

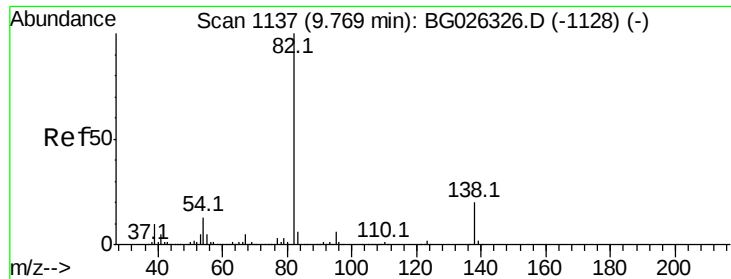
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#24
 Nitrobenzene
 Concen: 42.88 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.6	26.1	39.1#
65	13.3	12.4	18.6





#25

Isophorone

Concen: 43.42 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

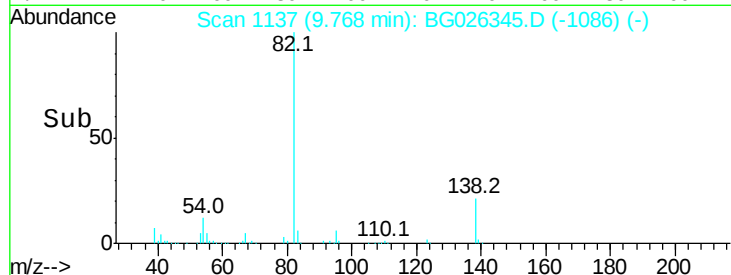
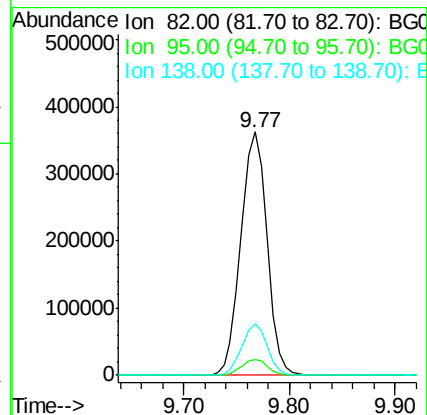
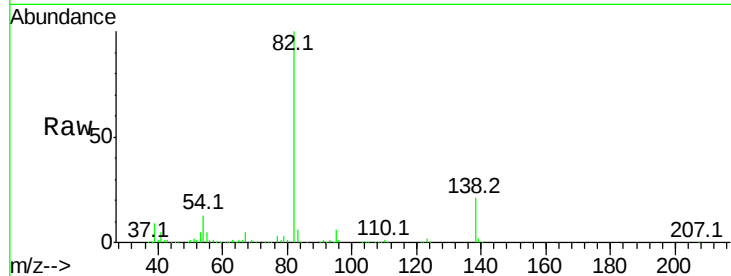
BNA_G

ClientSampleId :

PB97680BSD

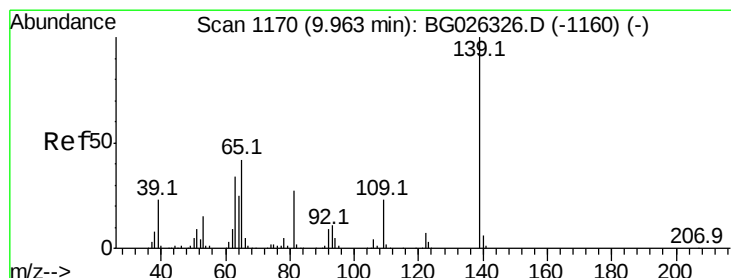
Tot Ion:	82	Resp:	618668
Ion Ratio	Lower	Upper	
82	100		
95	6.3	7.5	11.3#
138	21.2	12.3	18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.49 ng

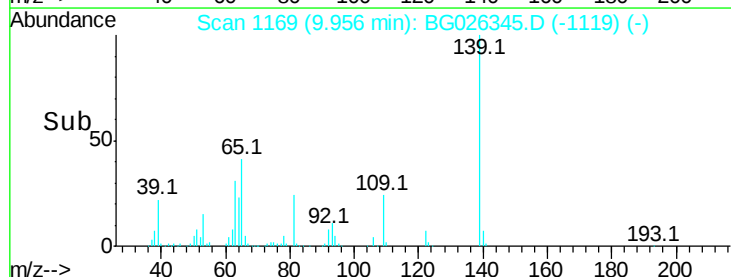
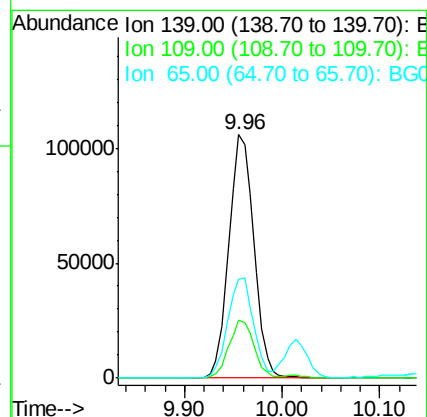
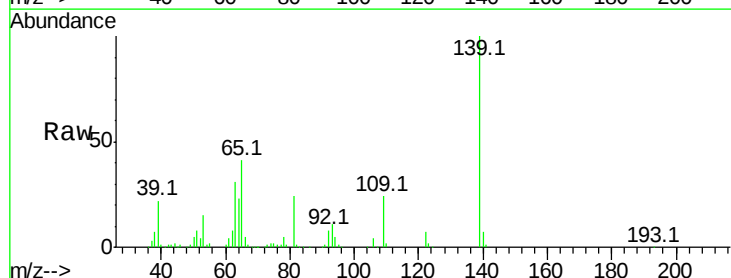
RT: 9.96 min Scan# 1169

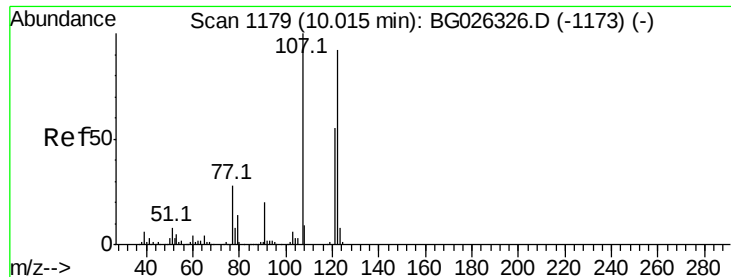
Delta R.T. -0.01 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Tgt Ion:	139	Resp:	188353
Ion Ratio	Lower	Upper	
139	100		
109	23.6	38.6	58.0#
65	40.8	57.1	85.7#



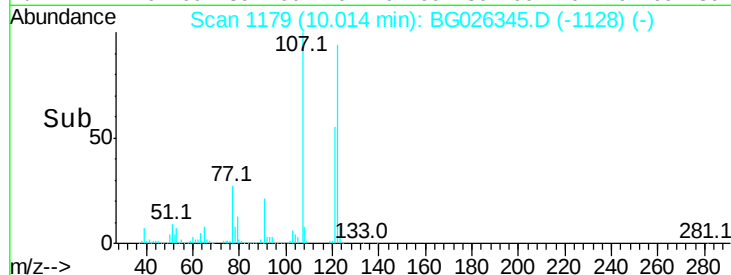
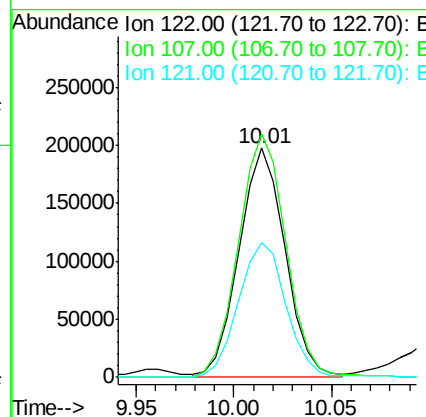
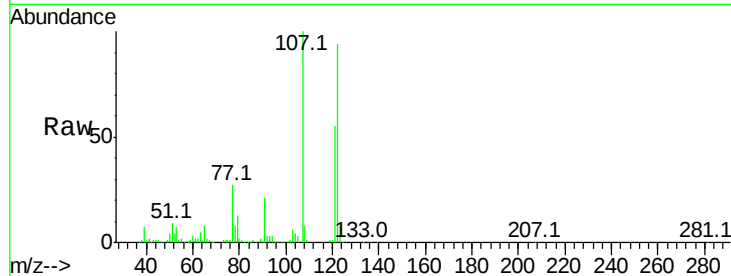


#27
2,4-Dimethylphenol
Concen: 50.29 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Instrument :
BNA_G
ClientSampleId :
PB97680BSD

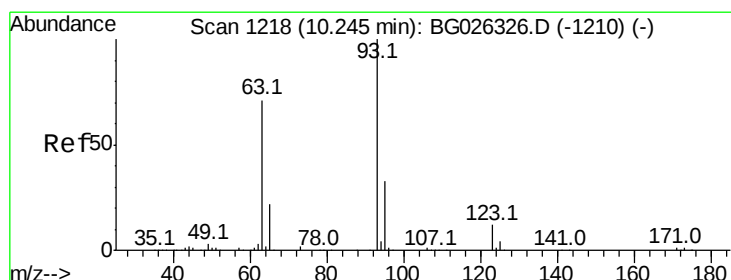
Tot Ion	Ratio	Lower	Upper
122	100		
107	106.3	104.2	156.4
121	59.0	46.0	69.0

Manual Integrations
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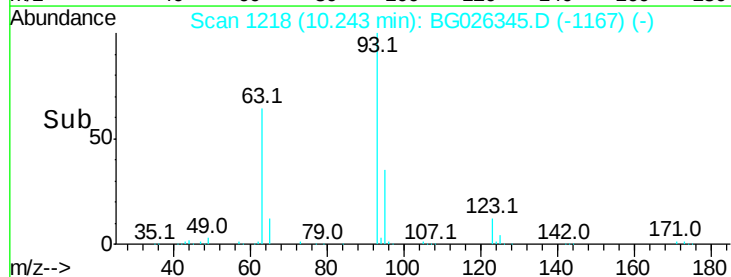
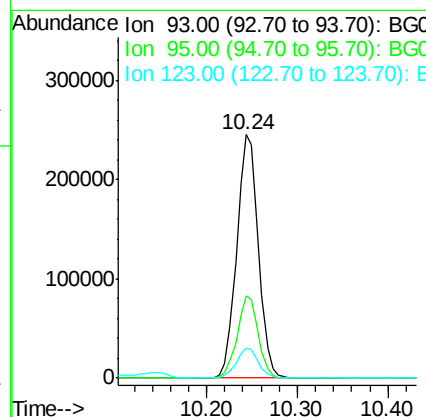
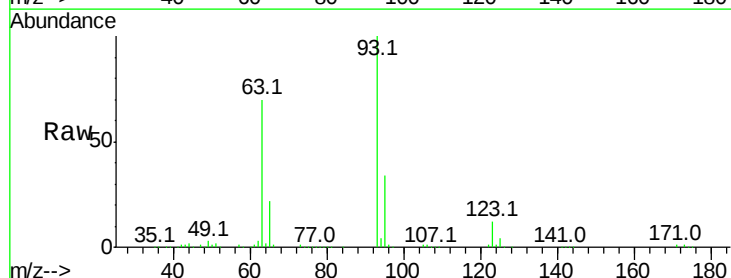
mohammad

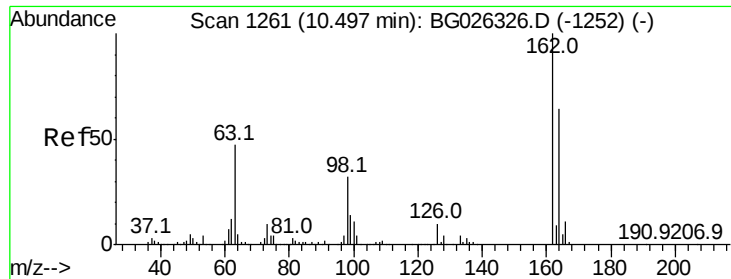
3/21/2017 5:22:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.06 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.7	38.5
123	12.1	8.3	12.5



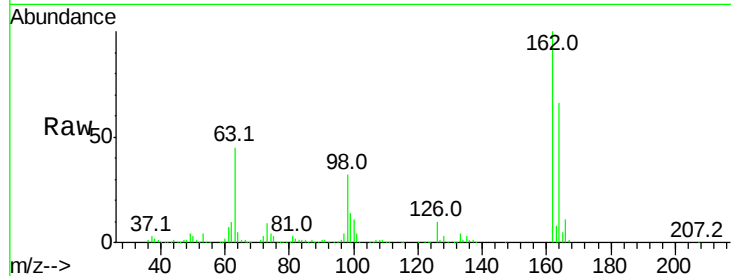


#29
 2,4-Dichlorophenol
 Concen: 51.60 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

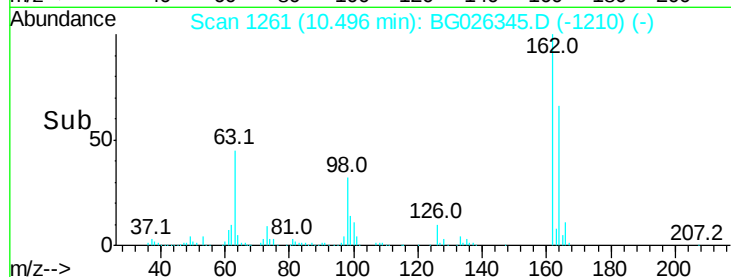
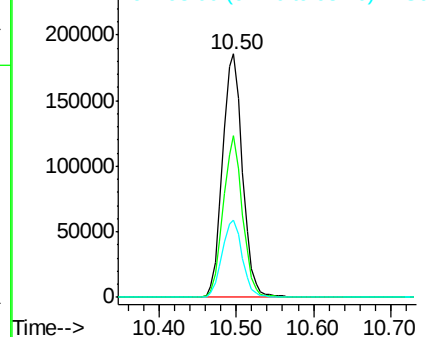
Instrument :
 BNA_G
 ClientSampleId :
 PB97680BSD

Tot Ion:	162	Resp:	332752
Ion Ratio	Lower	Upper	
162	100		
164	66.3	42.4	82.4
98	31.8	20.3	60.3

Manual Integrations
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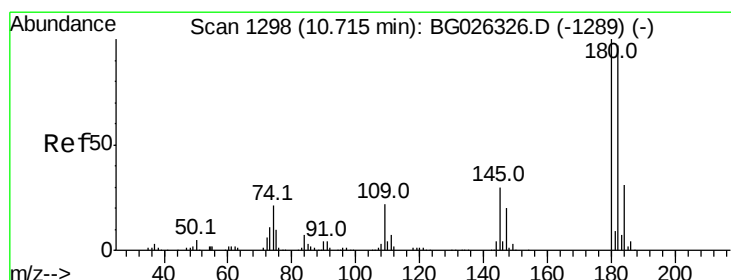


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC



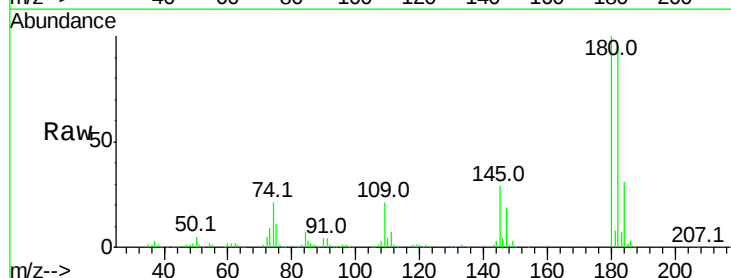
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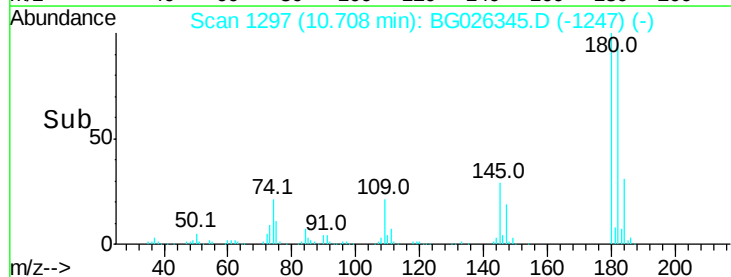
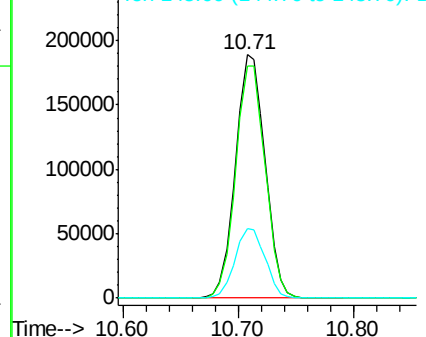


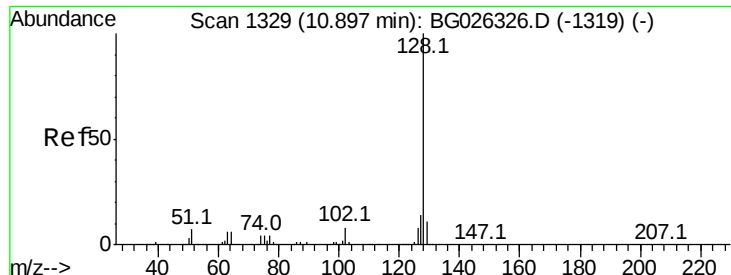
#30
 1,2,4-Trichlorobenzene
 Concen: 46.30 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Tgt Ion:	180	Resp:	335385
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.0	115.4
145	28.5	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



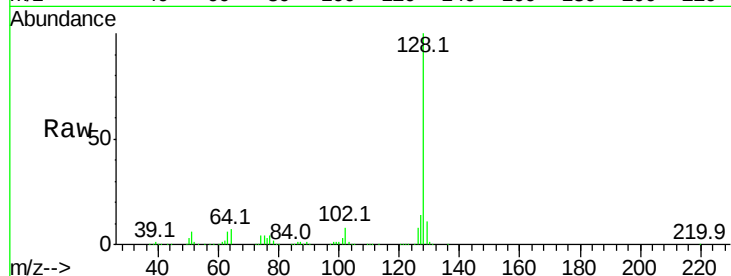


#31
Naphthalene
Concen: 44.07 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

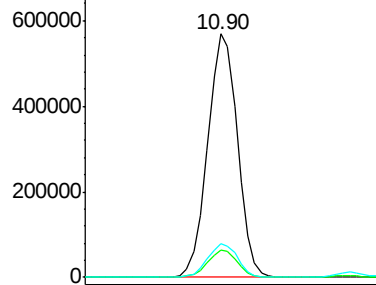
Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.8	11.4	17.0

Manual Integrations
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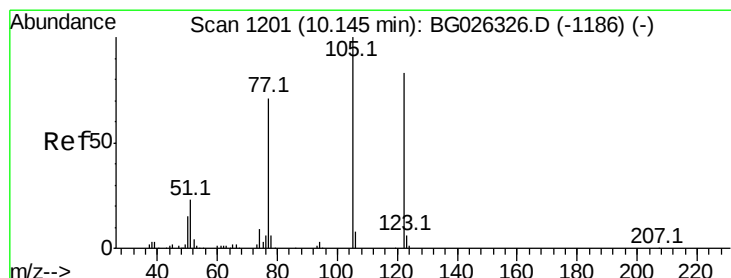
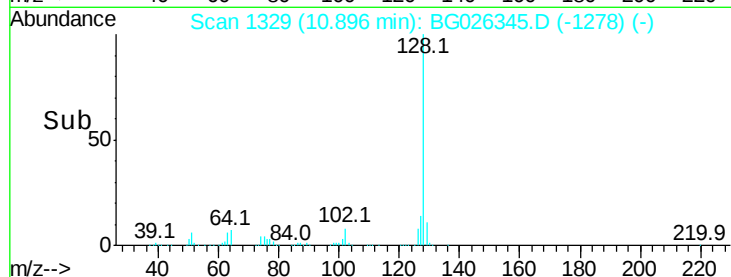


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



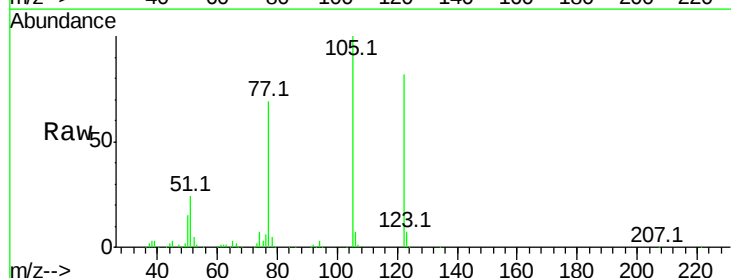
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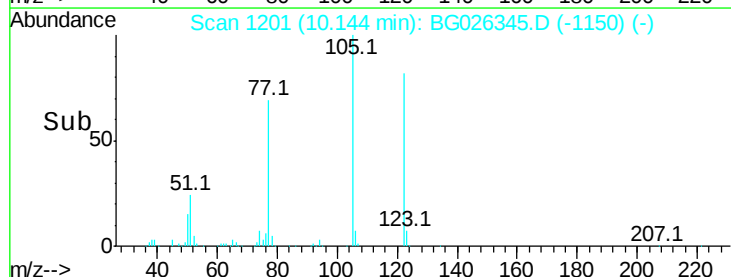
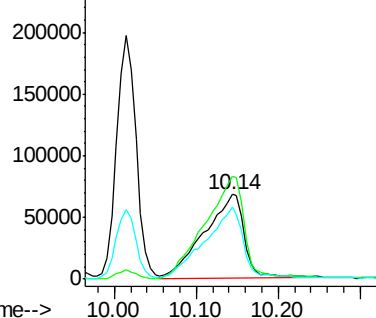


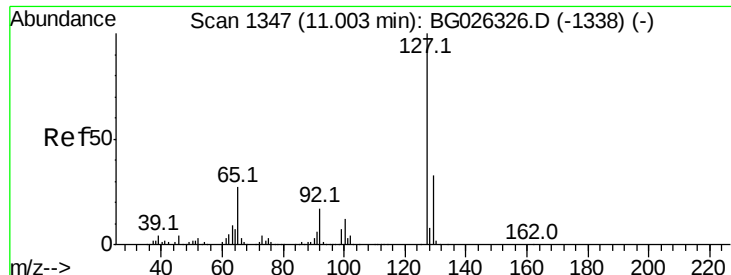
#32
Benzoic acid
Concen: 46.26 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.1	120.1	160.1
77	84.4	104.6	144.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG



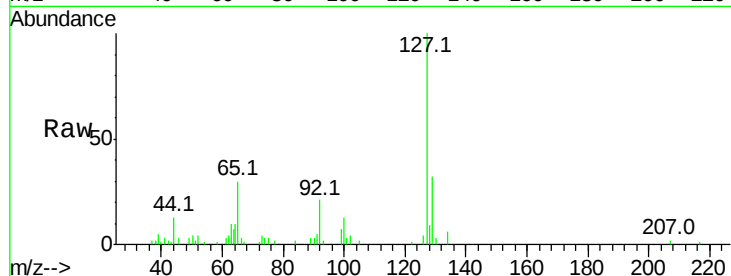


#33
4-Chloroaniline
Concen: 2.56 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

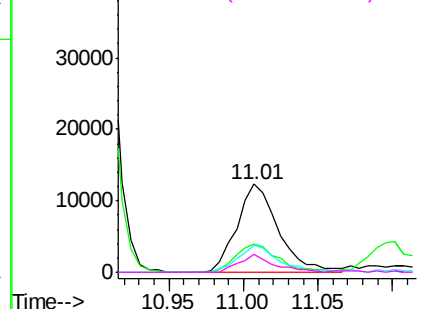
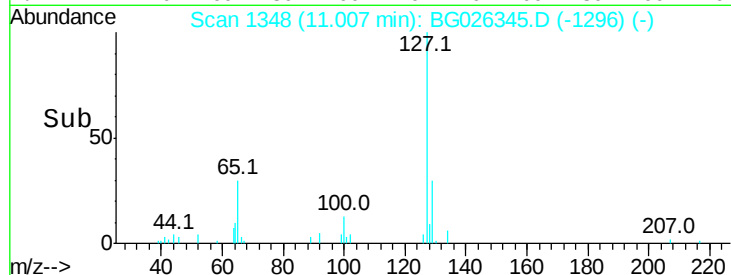
Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	23.6	35.4	
65	29.8	37.7	56.5	
92	20.8	17.6	26.4	

Manual Integrations
APPROVED

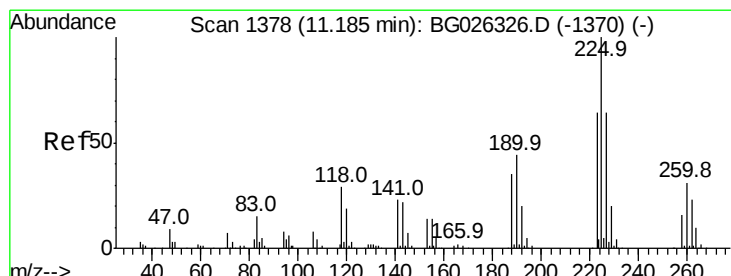


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



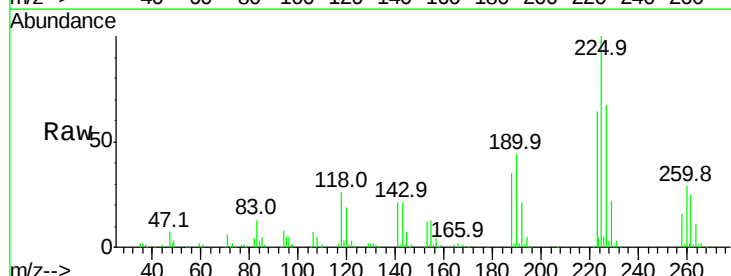
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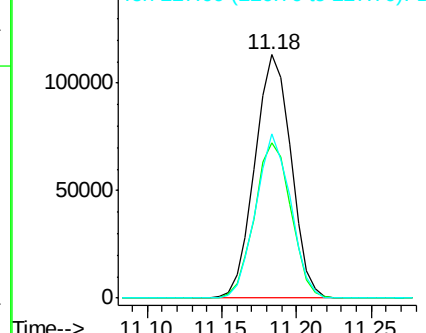
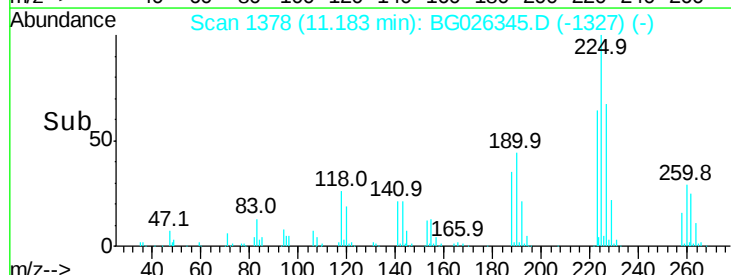


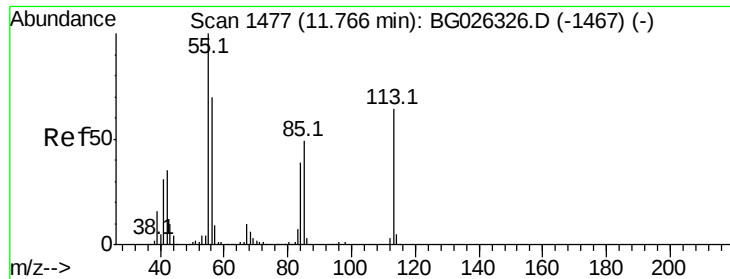
#34
Hexachlorobutadiene
Concen: 44.30 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	50.7	76.1	
227	67.2	49.0	73.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.18 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

BNA_G

ClientSampleId :

PB97680BSD

Tot Ion:113 Resp: 119873

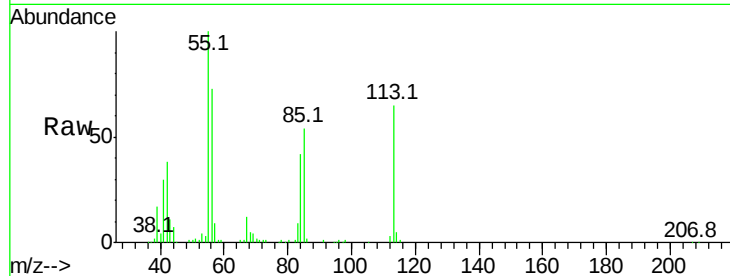
Ion Ratio Lower Upper

113 100

55 153.9 198.6 238.6#

56 112.0 140.4 180.4#

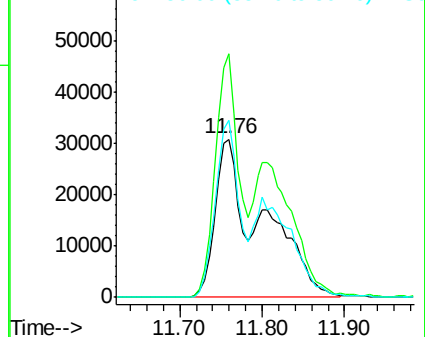
Manual Integrations
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Abundance Ion 113.00 (112.70 to 113.70): E

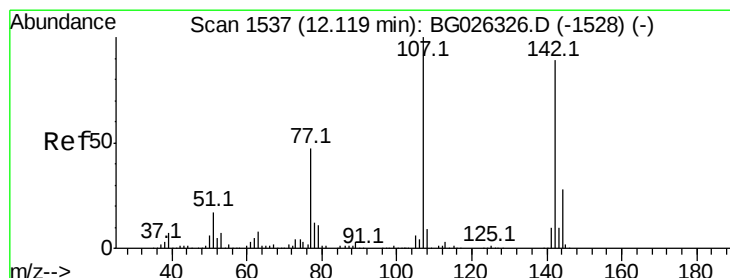
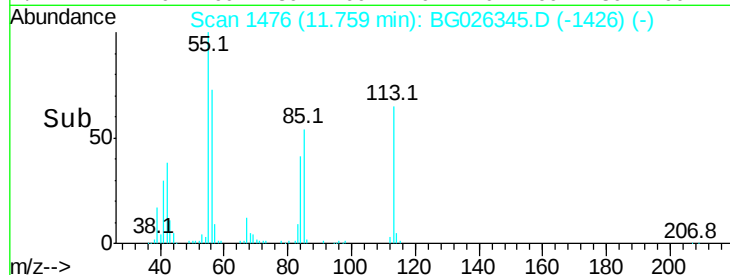
Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



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#36

4-Chloro-3-methylphenol

Concen: 49.10 ng/ml

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

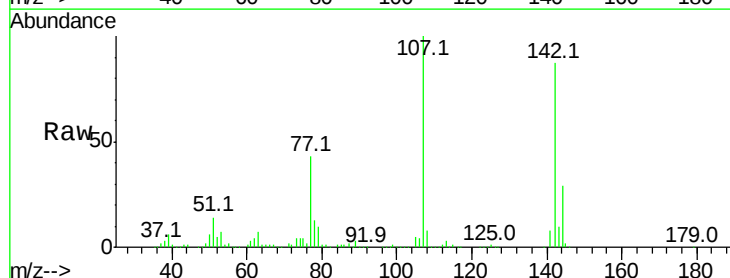
Tgt Ion:107 Resp: 338655

Ion Ratio Lower Upper

107 100

144 29.1 17.4 26.0#

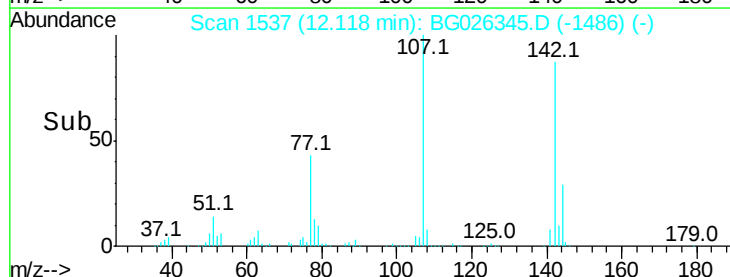
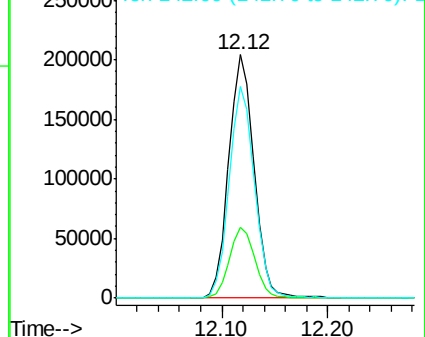
142 86.9 54.1 81.1#

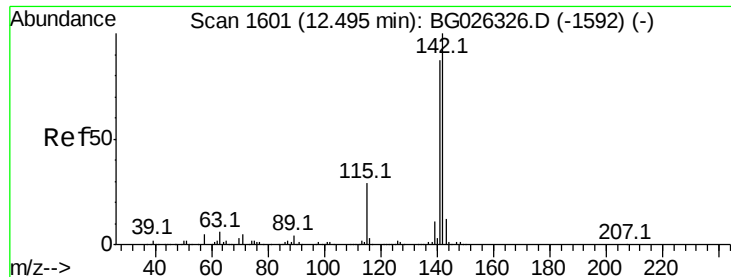


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



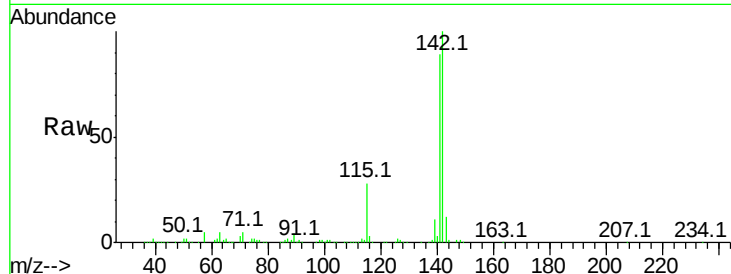


#37
2-Methylnaphthalene
Concen: 46.01 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	28.4	35.5	53.3

Manual Integrations
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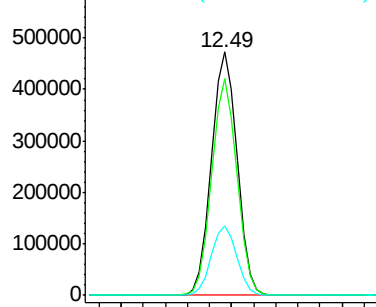


Abundance

Ion 142.00 (141.70 to 142.70): E

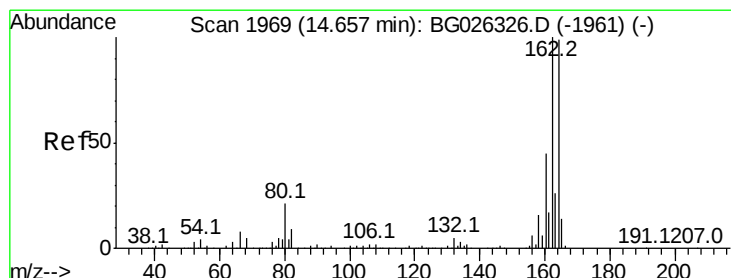
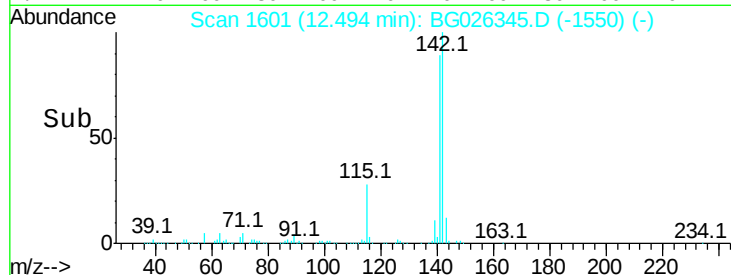
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

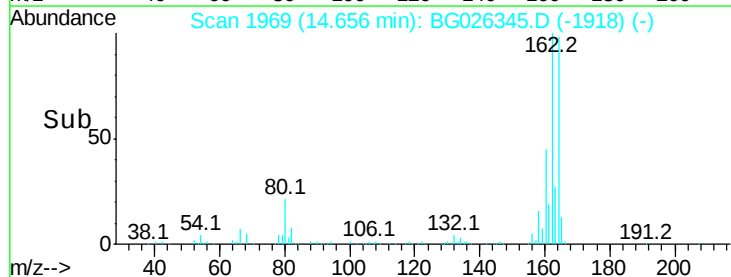
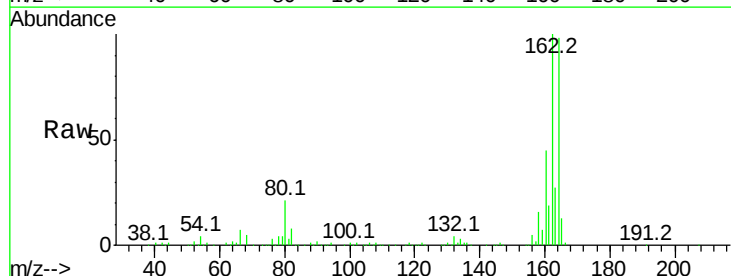
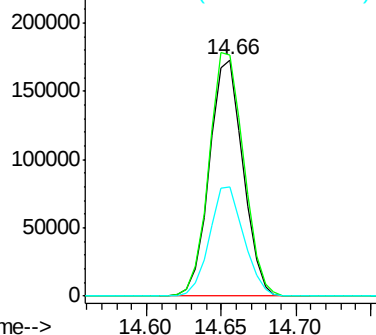
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.1	127.7
160	46.2	34.7	52.1

Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



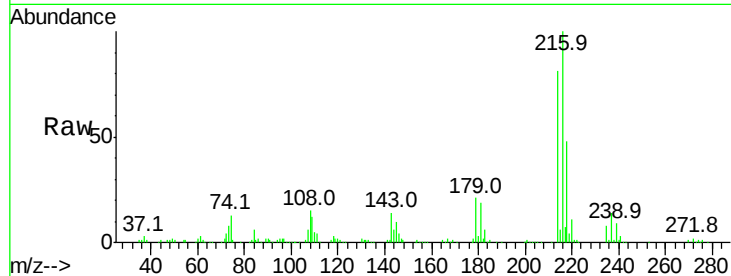


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.21 ng
 RT: 12.86 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

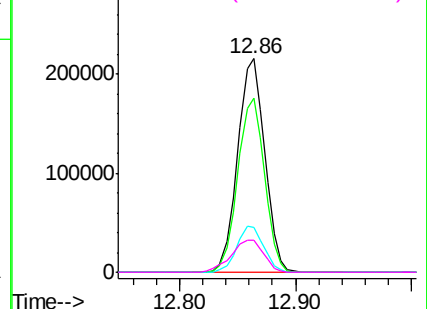
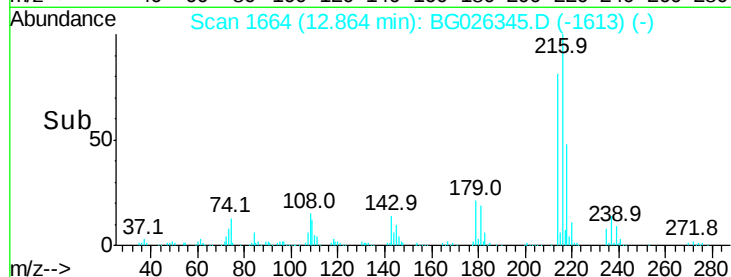
Instrument :
 BNA_G
 ClientSampleId :
 PB97680BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.6	64.4	96.6
179	21.3	17.4	26.0
108	18.1	15.6	23.4

Manual Integrations
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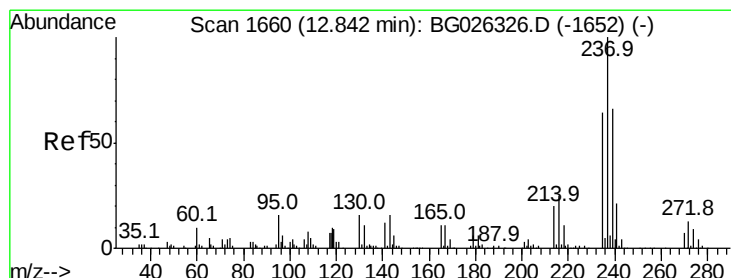


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



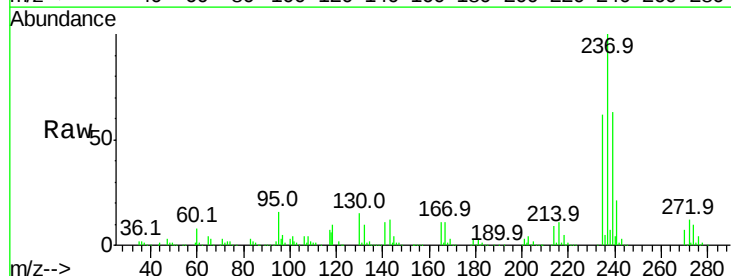
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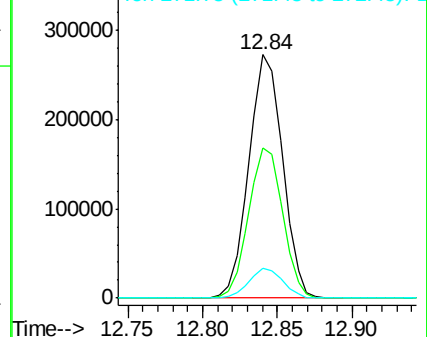
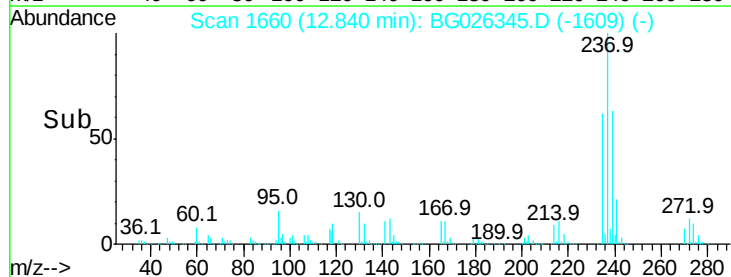


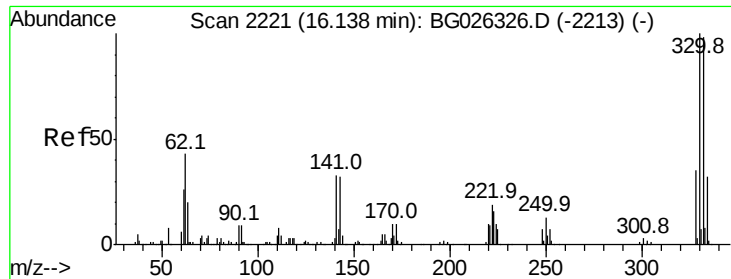
#40
 Hexachlorocyclopentadiene
 Concen: 99.64 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.6	39.4	79.4
272	12.3	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



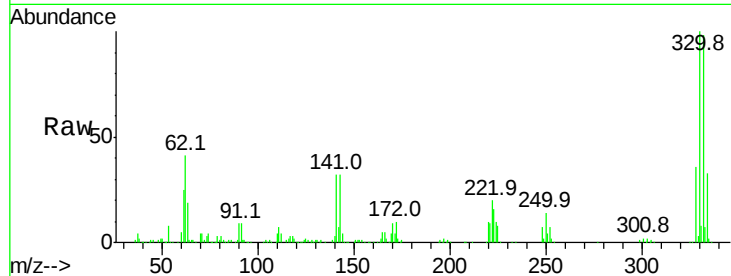


#41
 2,4,6-Tribromophenol
 Concen: 151.63 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

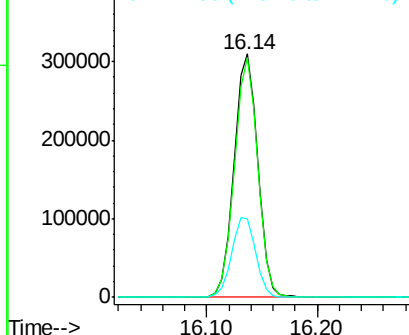
Instrument :
 BNA_G
 ClientSampleId :
 PB97680BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.3	115.9	
141	33.4	32.1	48.1	

Manual Integrations
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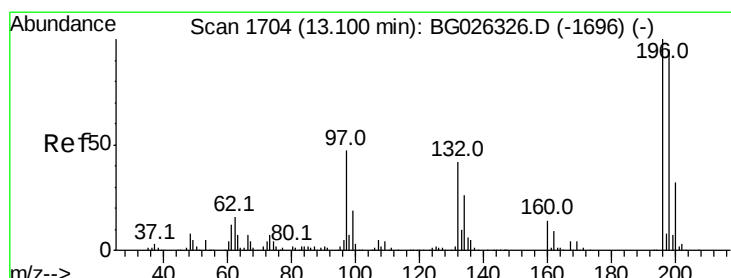
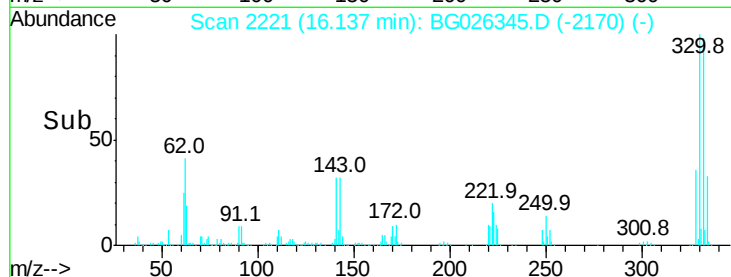


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



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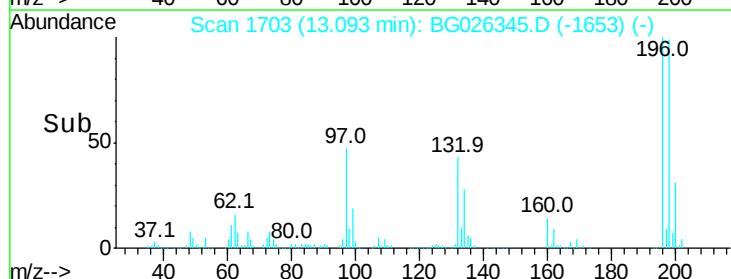
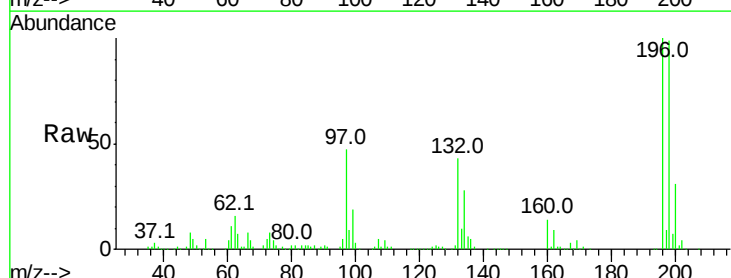
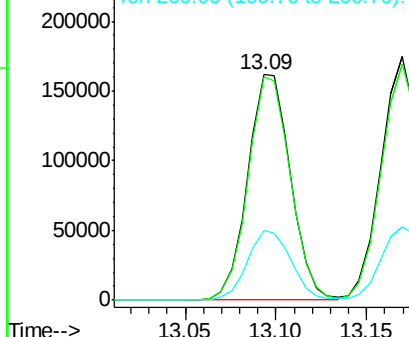
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#42
 2,4,6-Trichlorophenol
 Concen: 49.85 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.7	81.4	122.2	
200	31.1	27.0	40.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



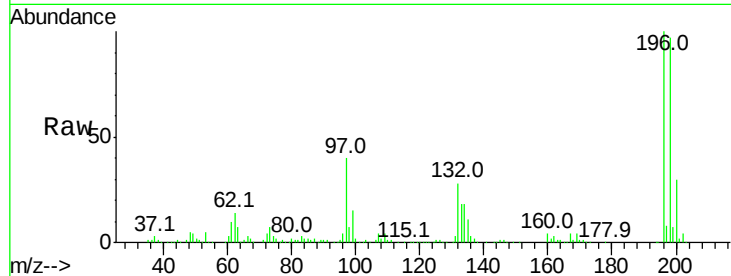


#43
 2,4,5-Trichlorophenol
 Concen: 47.82 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	280659		
198	97.1	79.9	119.9	
97	40.1	45.4	68.0	
132	27.9	20.7	31.1	

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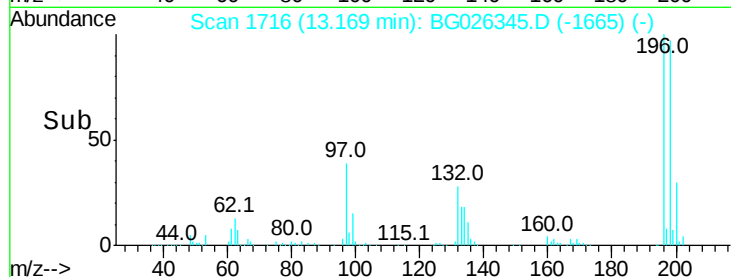
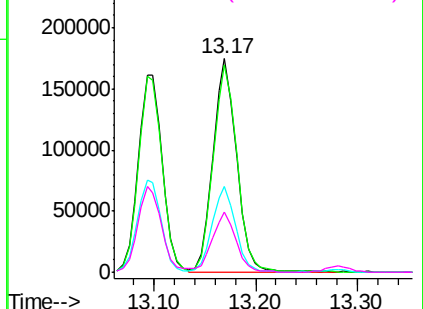
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

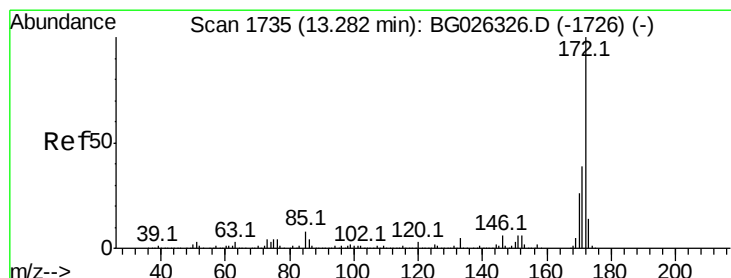
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



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#44
 2-Fluorobiphenyl
 Concen: 87.29 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

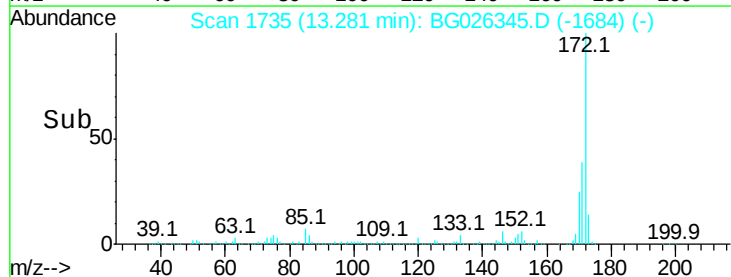
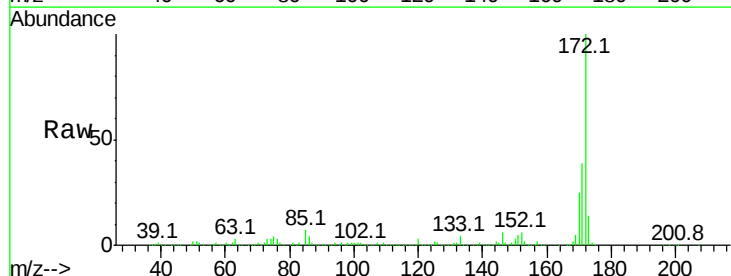
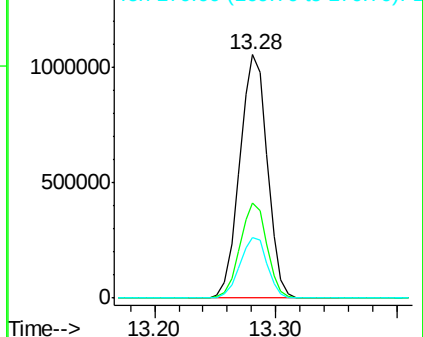
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1677744		
171	39.1	32.2	48.2	
170	24.9	21.8	32.6	

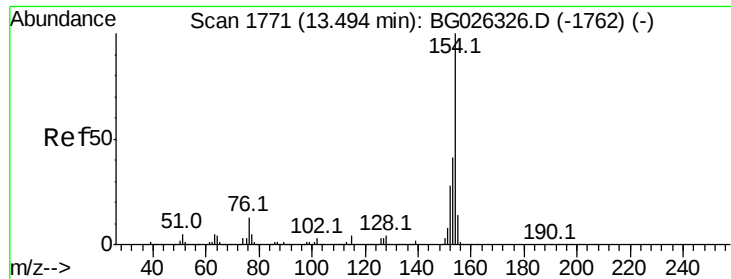
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



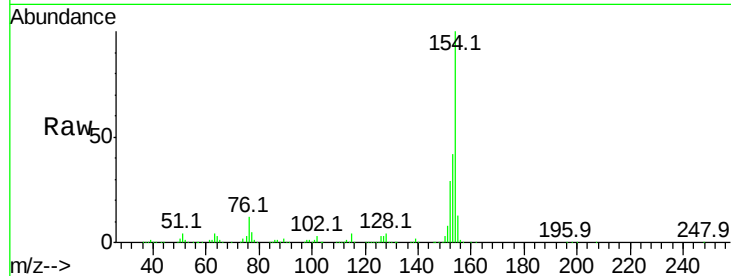


#45
 1,1'-Biphenyl
 Concen: 44.10 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

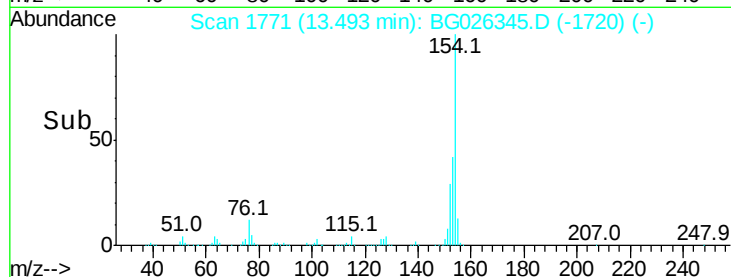
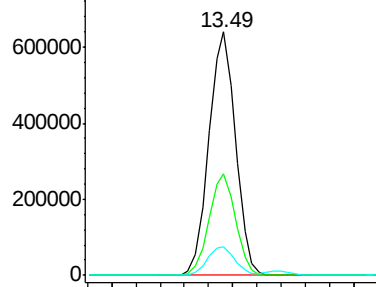
Instrument :
 BNA_G
 ClientSampleId :
 PB97680BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.6	23.0	63.0	
76	11.7	0.0	33.5	

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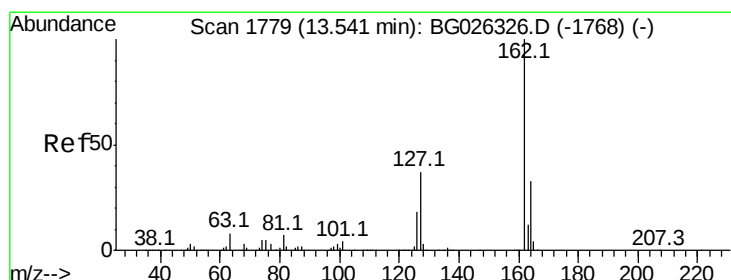
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC



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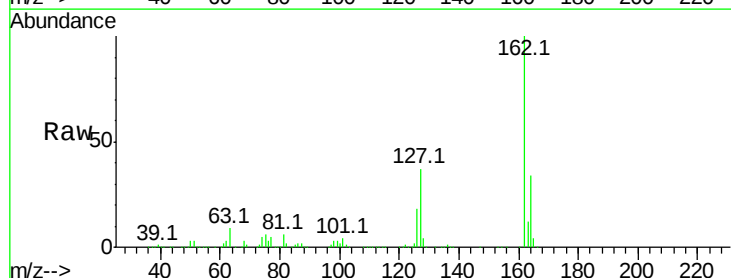
3/21/2017 5:22:31 PM

Time--> 13.40 13.50 13.60

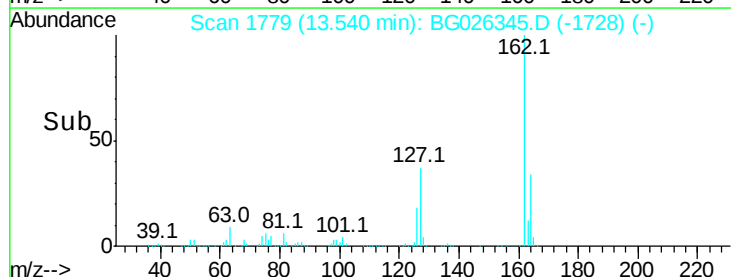
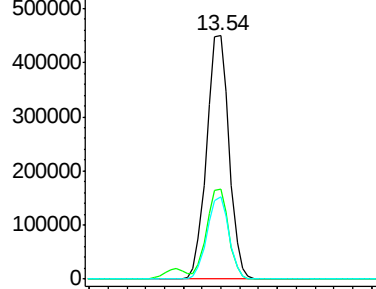


#46
 2-Chloronaphthalene
 Concen: 45.54 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

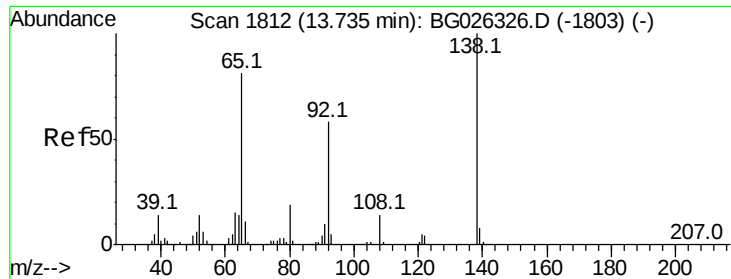
Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.1	32.2	48.4	
164	33.7	27.3	40.9	



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



Time--> 13.40 13.50 13.60



#47

2-Nitroaniline

Concen: 42.29 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

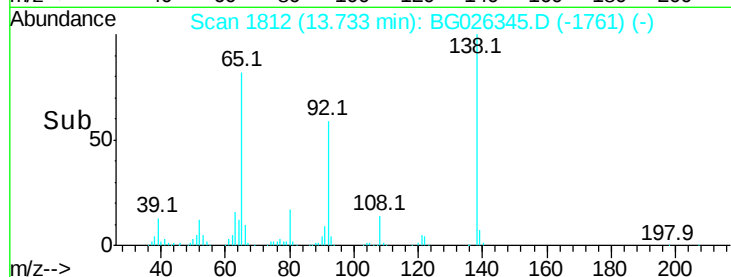
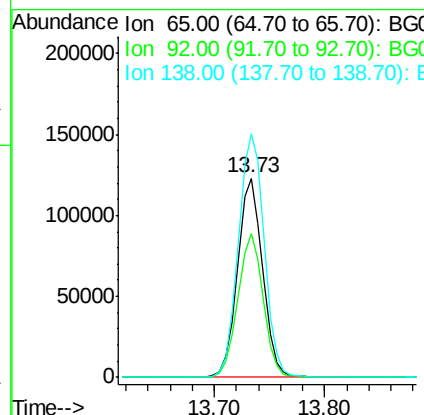
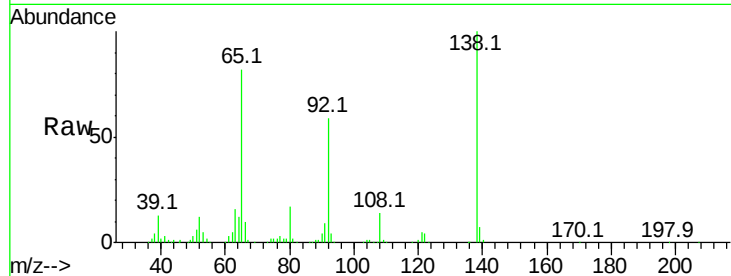
BNA_G

ClientSampleId :

PB97680BSD

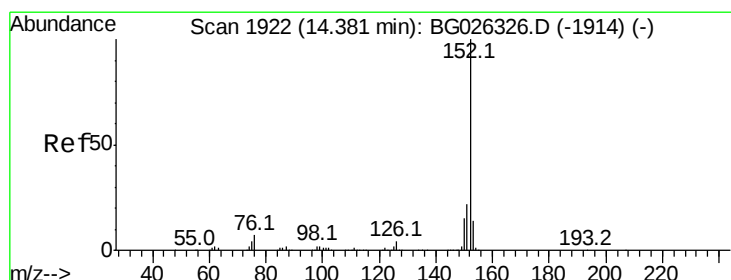
Tot Ion	Ratio	Resp	Lower	Upper
65	100	196069		
92	72.6	49.0	73.4	
138	122.4	58.6	87.8	

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#48

Acenaphthylene

Concen: 43.65 ng

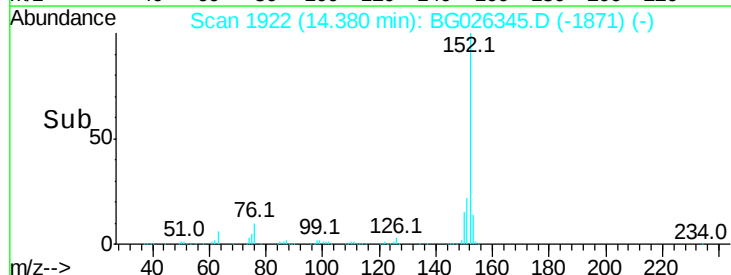
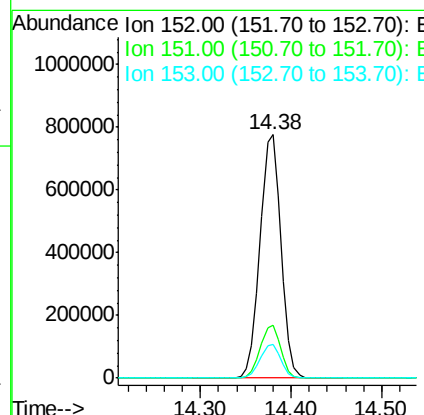
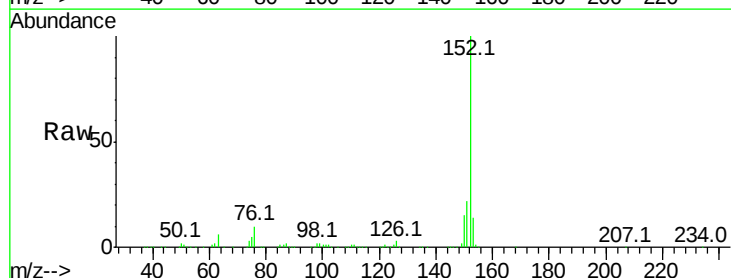
RT: 14.38 min Scan# 1922

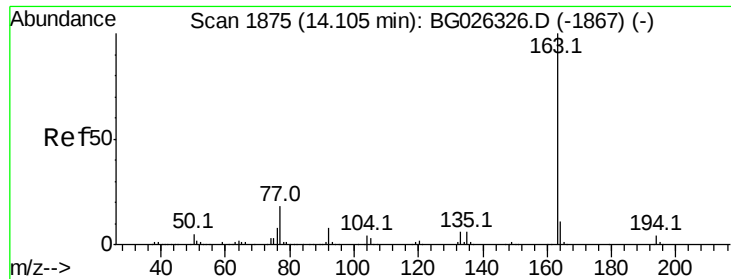
Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1240537		
151	21.7	18.2	27.2	
153	13.8	11.3	16.9	



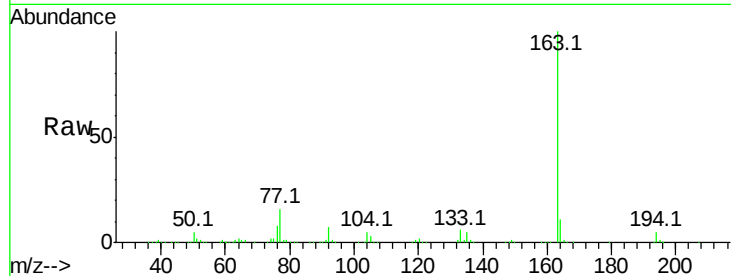


#49
Dimethylphthalate
Concen: 47.23 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

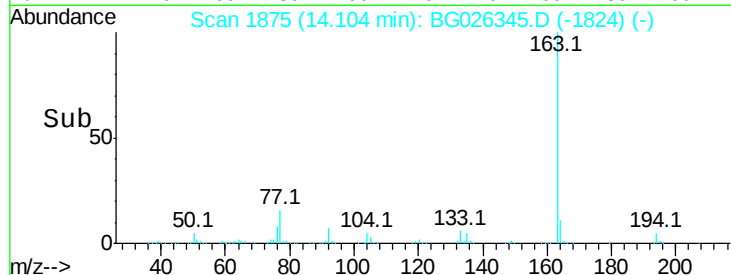
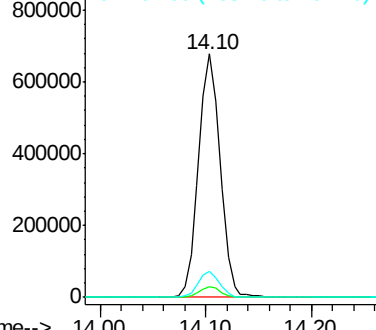
Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	960917		
194	4.5		3.8	5.6
164	10.8		9.3	13.9

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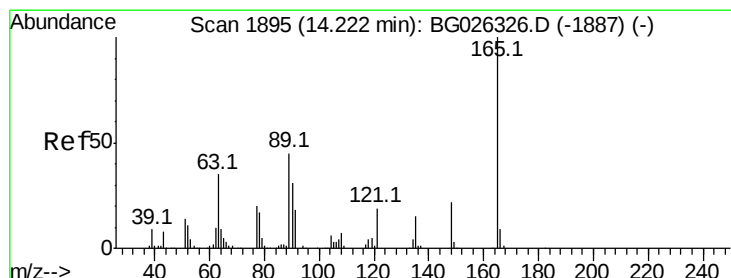


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



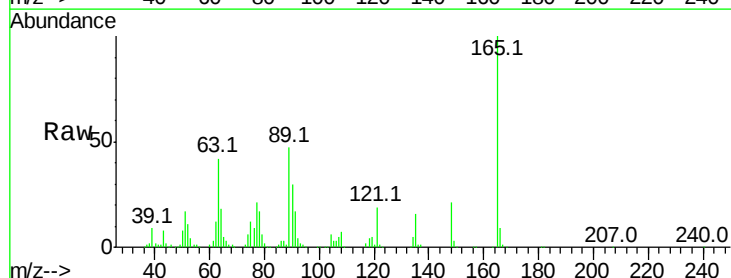
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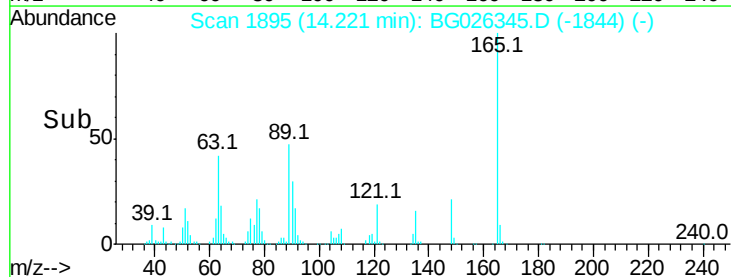
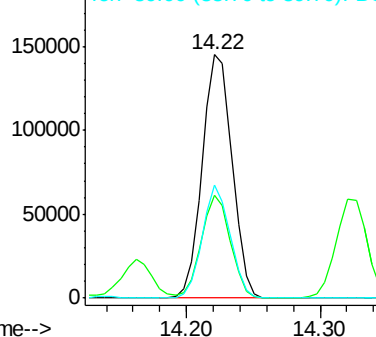


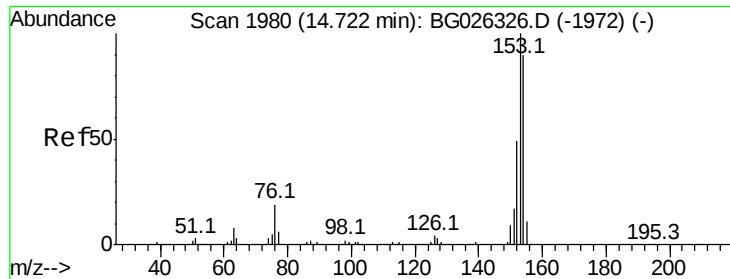
#50
2,6-Dinitrotoluene
Concen: 47.55 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	225811		
63	42.0		63.9	95.9#
89	46.6		58.6	88.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.03 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

BNA_G

ClientSampleId :

PB97680BSD

Tot Ion:154 Resp: 770670

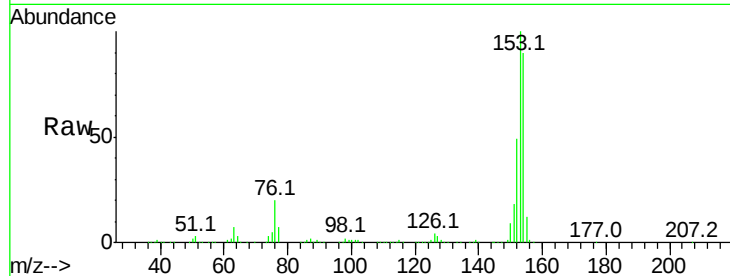
Ion Ratio Lower Upper

154 100

153 111.7 87.8 131.6

152 54.7 42.2 63.4

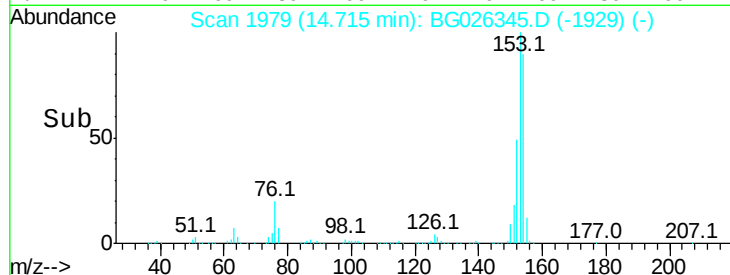
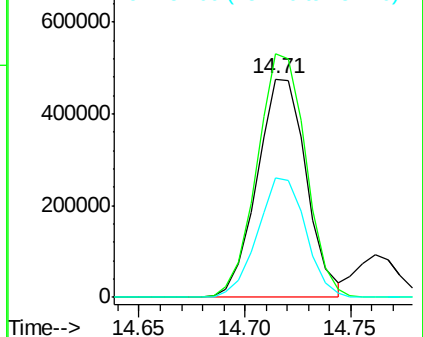
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Abundance Ion 154.00 (153.70 to 154.70): E

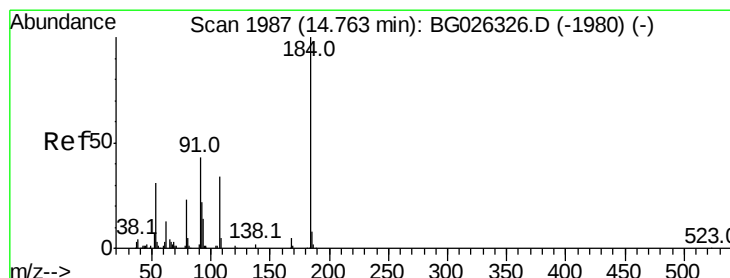
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



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#53

2,4-Dinitrophenol

Concen: 102.37 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

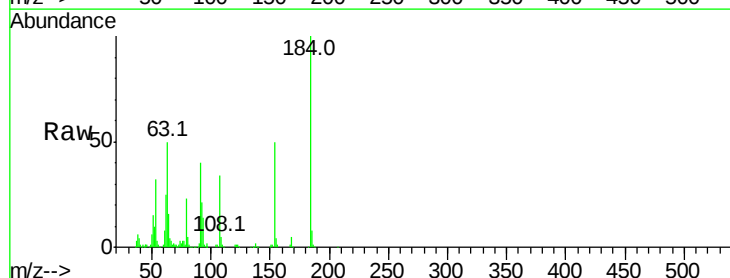
Tgt Ion:184 Resp: 281985

Ion Ratio Lower Upper

184 100

63 49.8 52.7 79.1#

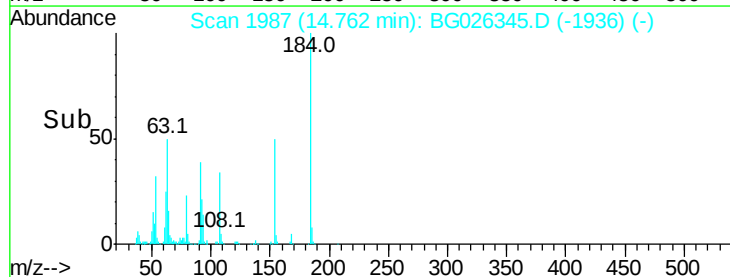
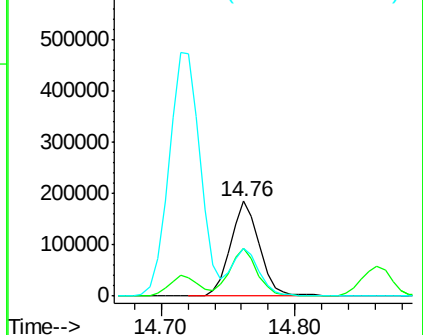
154 50.0 57.3 85.9#

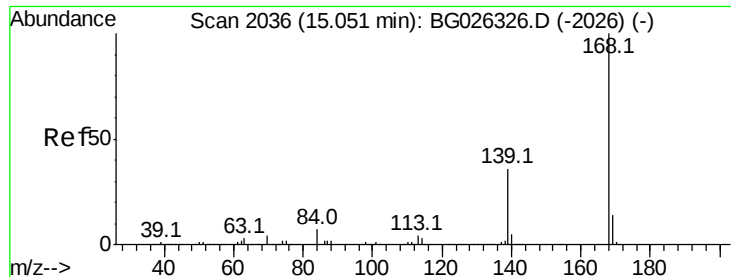


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



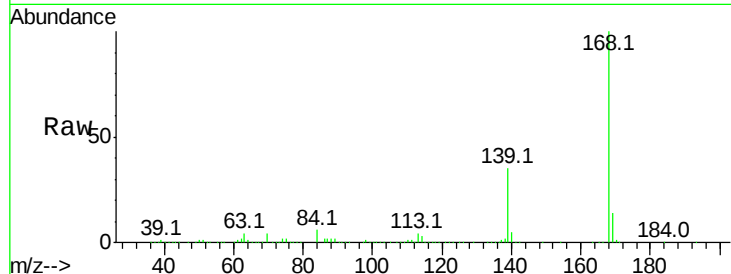


#54
Dibenzenofuran
Concen: 48.37 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

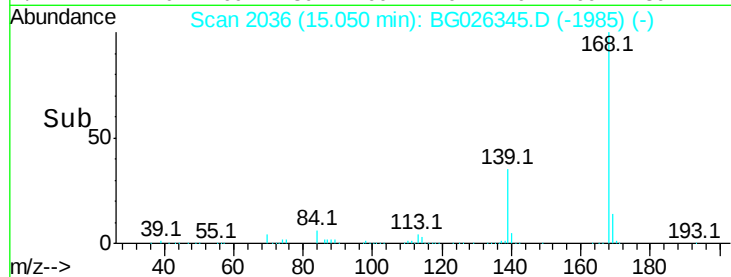
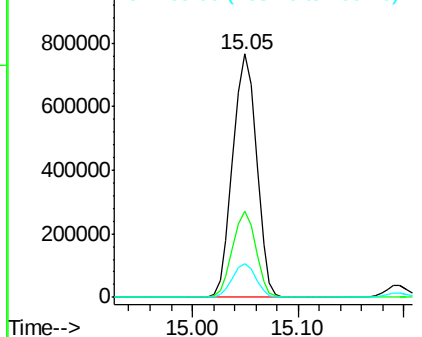
Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion:168 Resp: 1192076
Ion Ratio Lower Upper
168 100
139 35.2 35.3 52.9#
169 13.8 11.5 17.3

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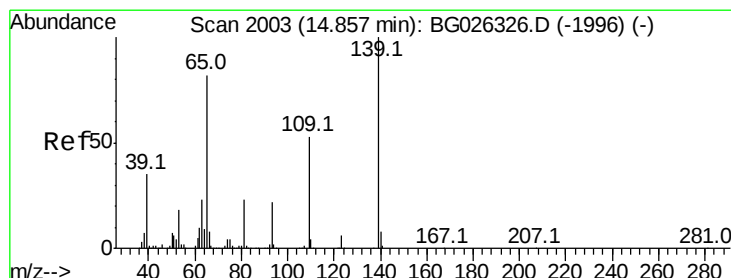


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



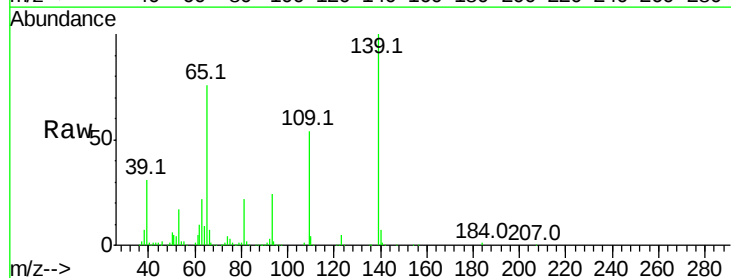
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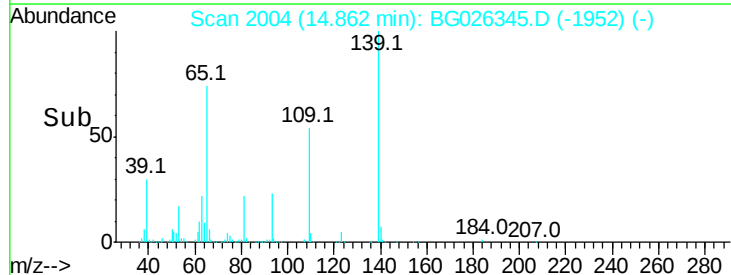
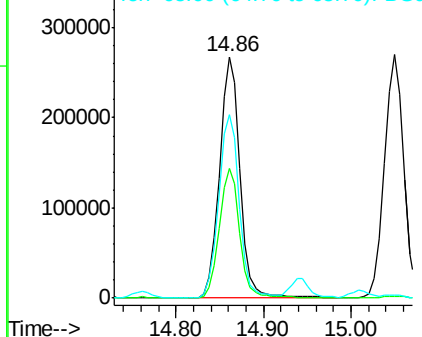


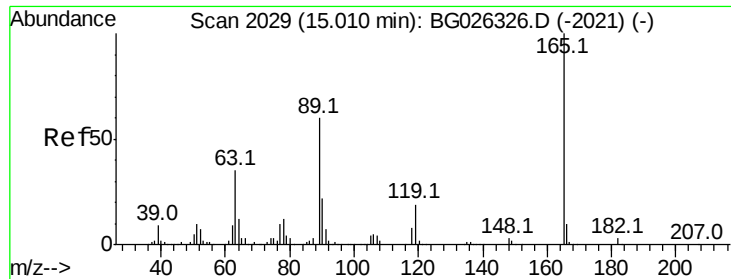
#55
4-Nitrophenol
Concen: 101.67 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion:139 Resp: 435314
Ion Ratio Lower Upper
139 100
109 53.9 101.2 141.2#
65 75.8 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG



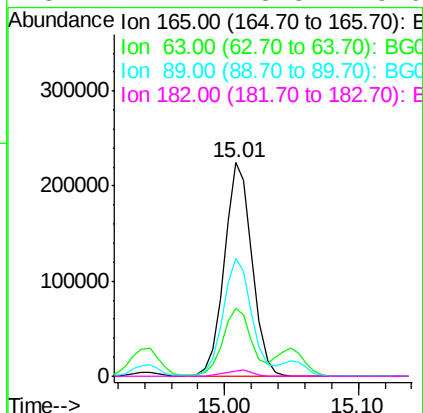
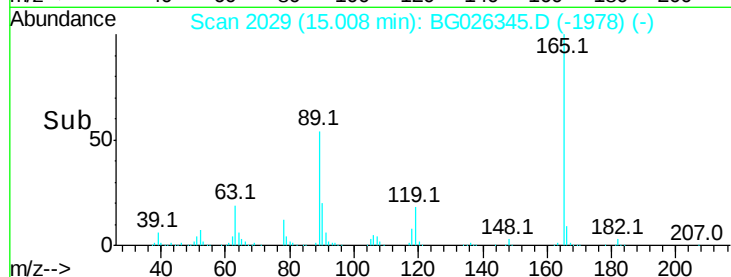
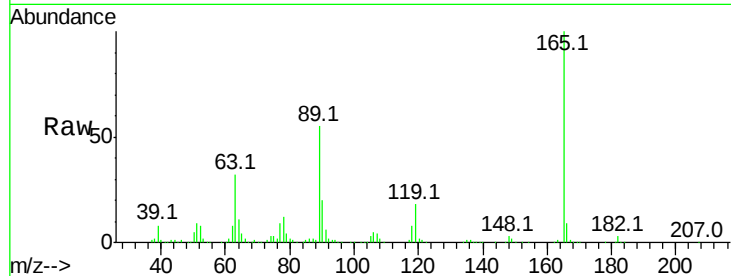


#56
2,4-Dinitrotoluene
Concen: 48.84 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Instrument :
BNA_G
ClientSampleId :
PB97680BSD

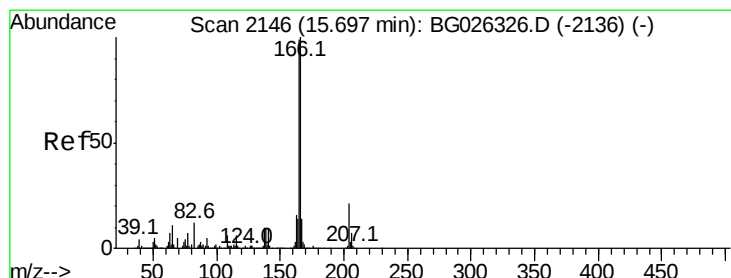
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	31.9	44.0	66.0#
89	55.3	67.3	100.9#
182	2.7	3.8	5.6#

Manual Integrations
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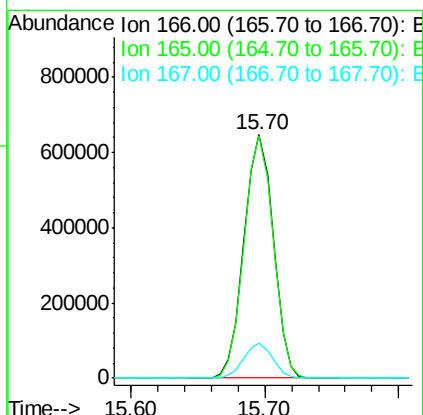
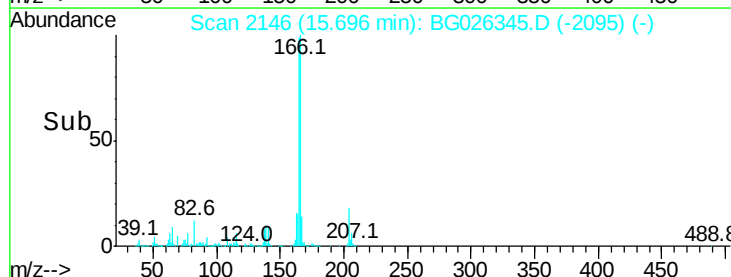
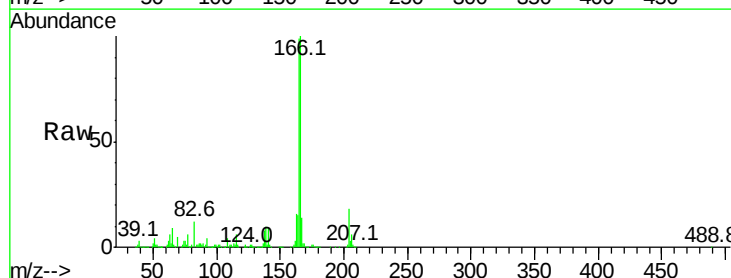
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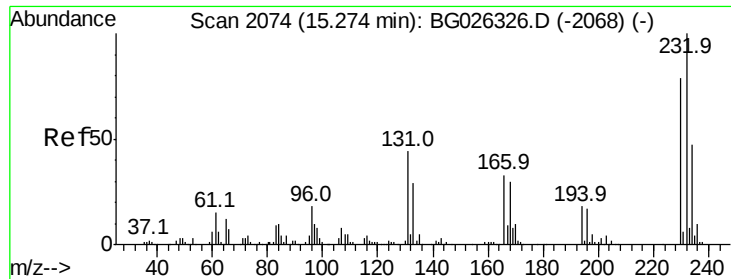
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#57
Fluorene
Concen: 44.70 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.3	78.6	117.8
167	14.5	11.6	17.4



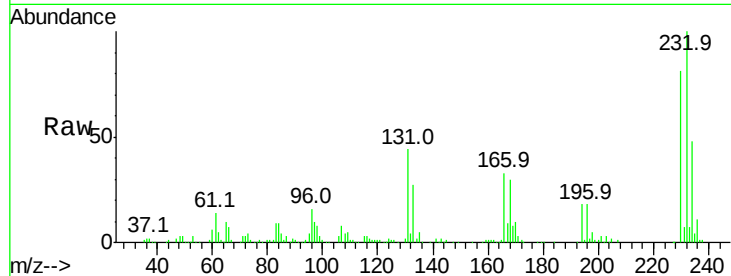


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.90 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

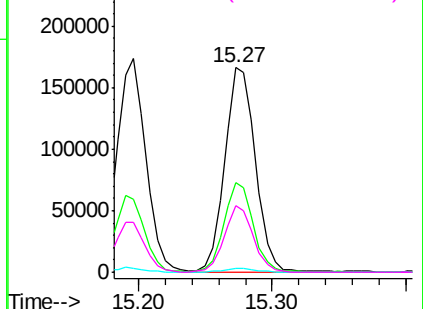
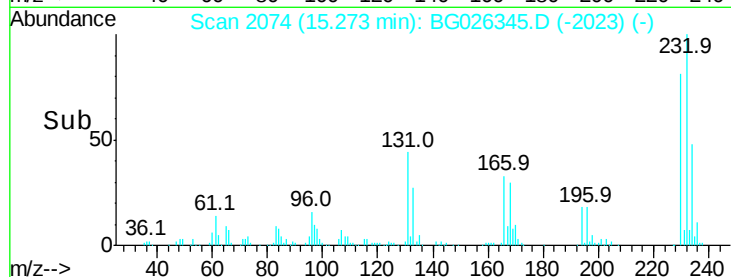
Instrument :
 BNA_G
 ClientSampleId :
 PB97680BSD

Tot Ion:	232	Resp:	265663
Ion Ratio	Lower	Upper	
232	100		
131	41.4	34.9	52.3
130	2.0	2.3	3.5
166	30.8	24.2	36.4

Manual Integrations
 APPROVED

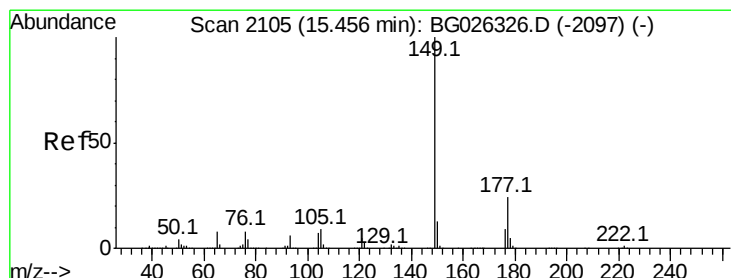


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



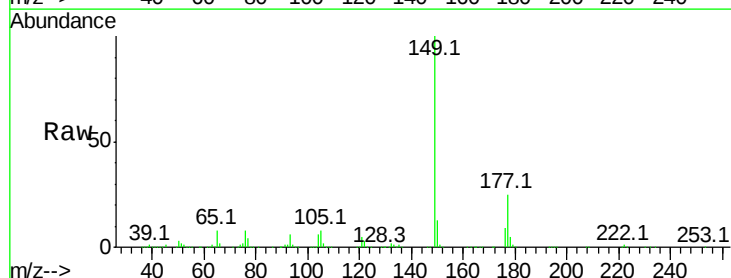
mohammad

3/21/2017 5:22:31 PM

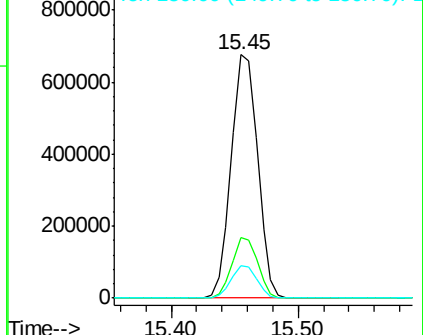
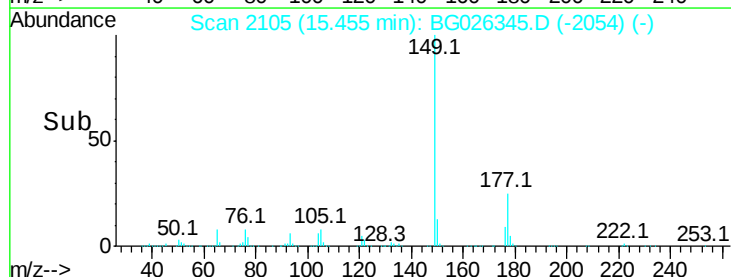


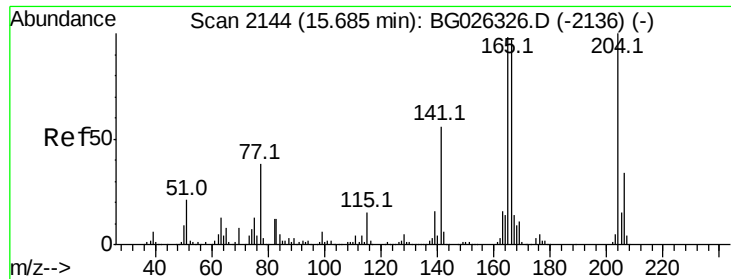
#59
 Diethylphthalate
 Concen: 46.73 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Tgt Ion:	149	Resp:	971807
Ion Ratio	Lower	Upper	
149	100		
177	25.1	20.1	30.1
150	13.3	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



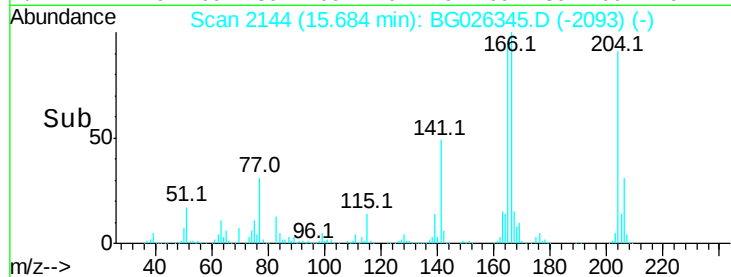
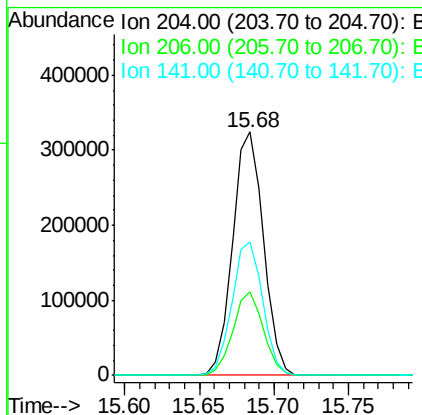
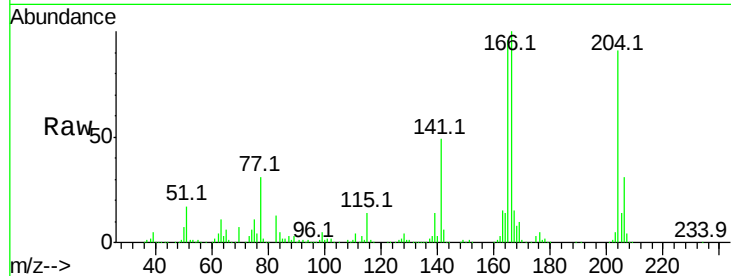


#60
 4-Chlorophenyl-phenylether
 Concen: 44.89 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BSD

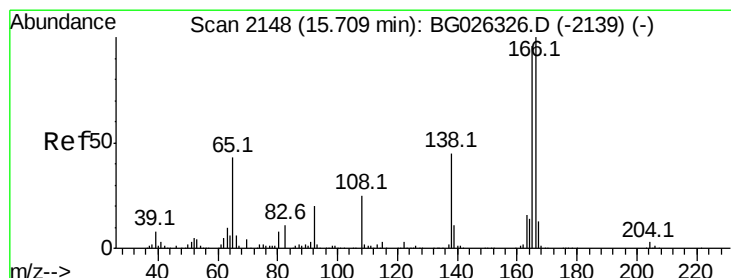
Tot Ion	Ratio	Resp	Lower	Upper
204	100	466540		
206	34.3	30.1	45.1	
141	54.6	50.6	76.0	

Manual Integrations
 APPROVED



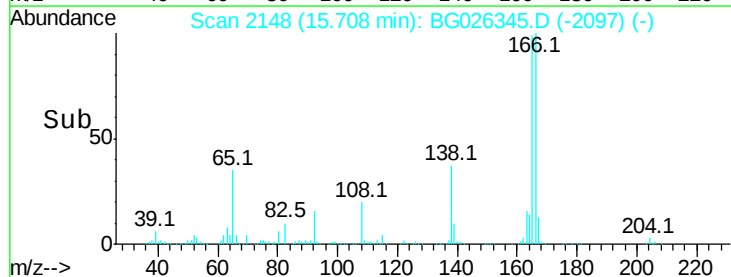
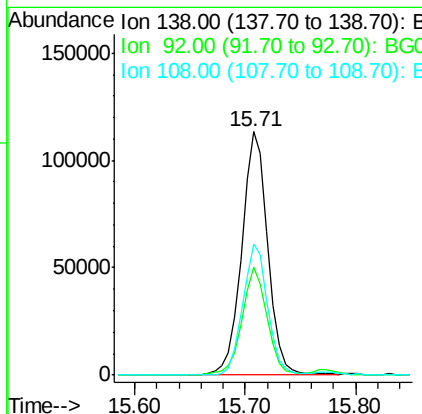
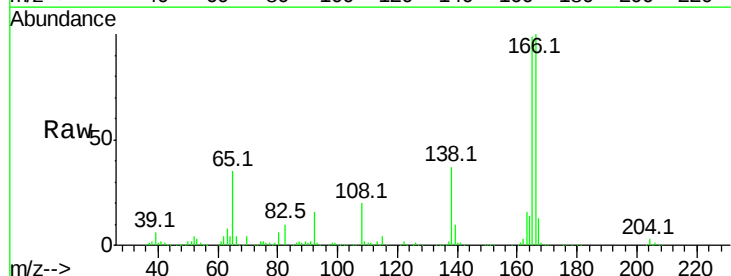
mohammad

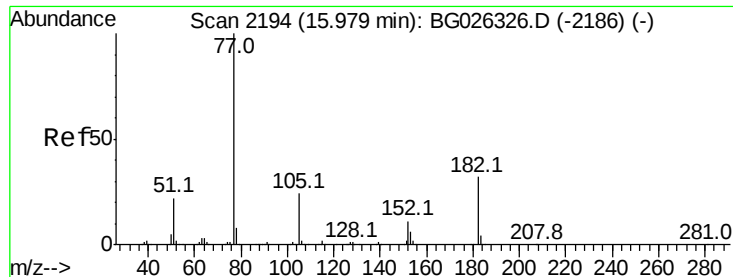
3/21/2017 5:22:31 PM



#61
 4-Nitroaniline
 Concen: 33.94 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	187716		
92	44.2	44.2	84.2	
108	53.9	104.8	144.8#	



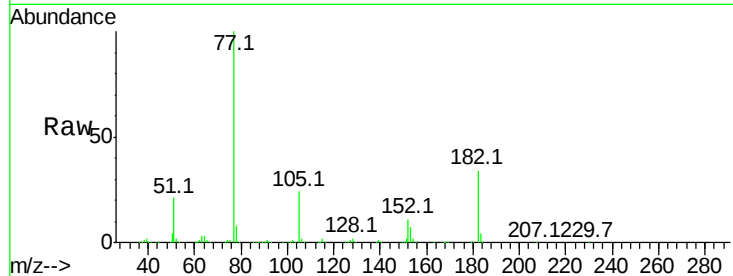


#62
Azobenzene
Concen: 47.99 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

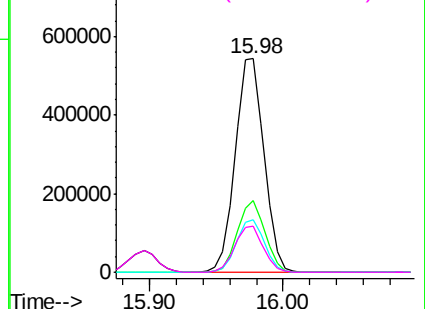
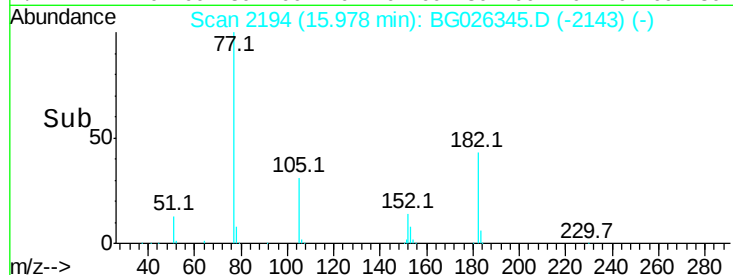
Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.9	4.7	44.7
105	24.4	0.0	36.3
51	21.4	16.4	56.4

Manual Integrations
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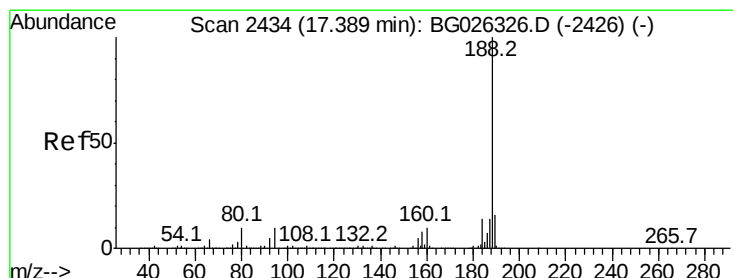


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



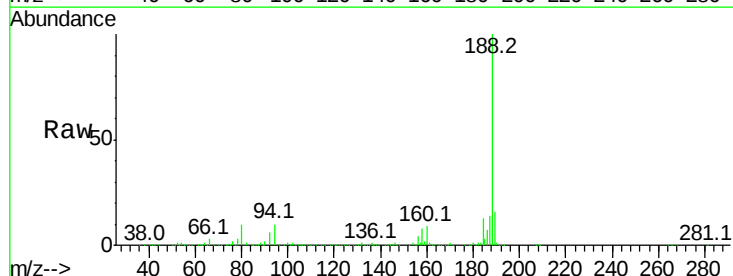
mohammad

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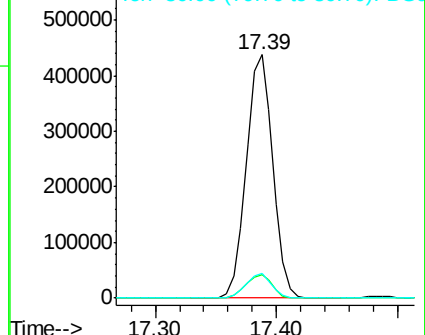
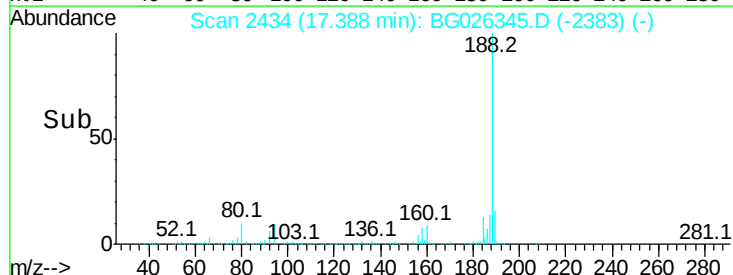


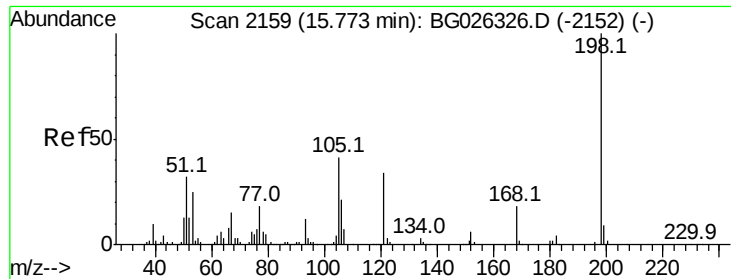
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	5.8	8.8#
80	10.1	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



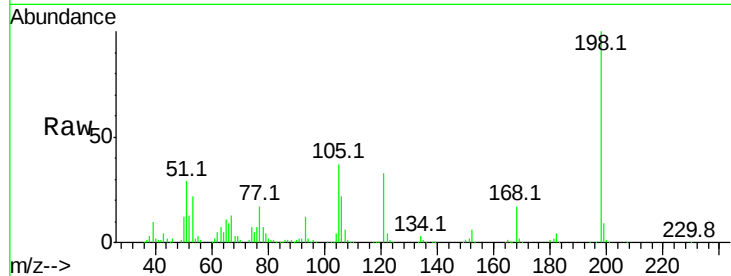


#64
4,6-Dinitro-2-methylphenol
Concen: 48.60 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

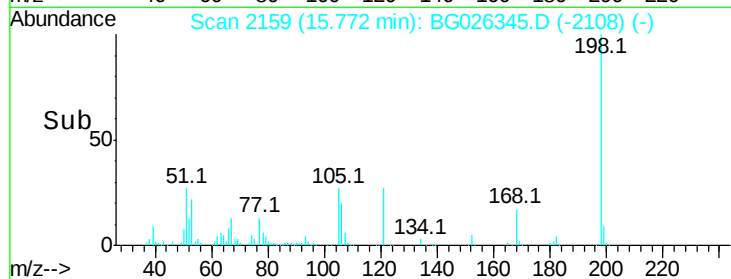
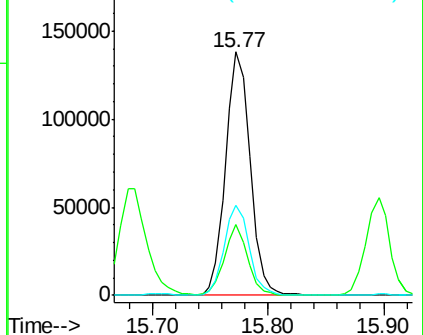
Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	29.2	22.6	62.6	
105	37.2	14.4	54.4	

Manual Integrations
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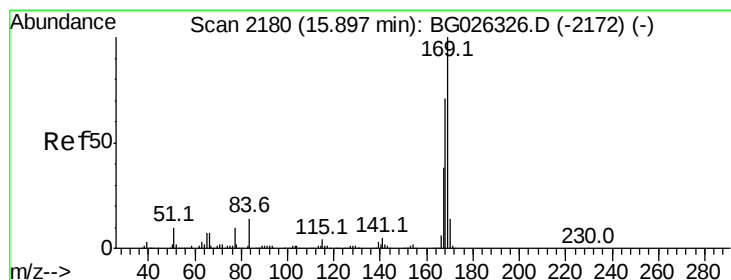


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



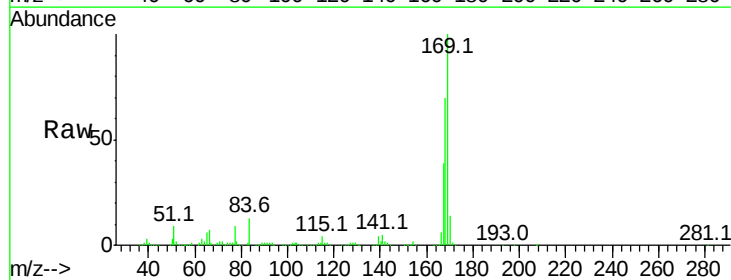
mohammad

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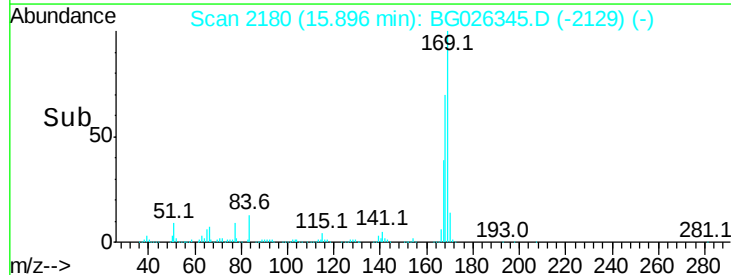
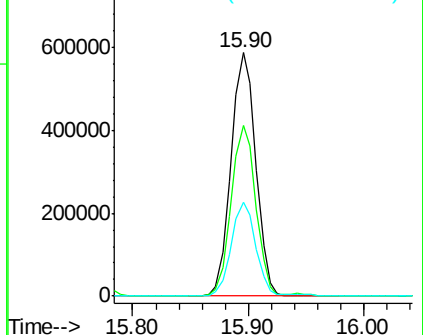


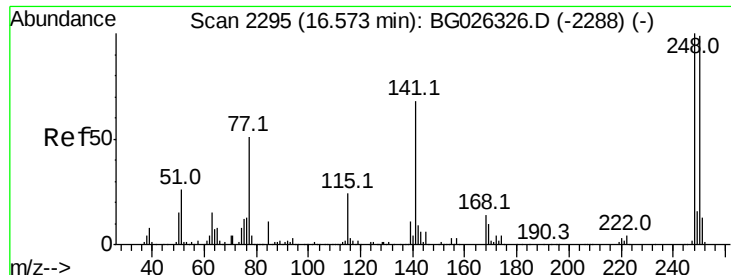
#65
n-Nitrosodiphenylamine
Concen: 44.51 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	70.3	55.7	83.5	
167	38.5	29.8	44.6	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



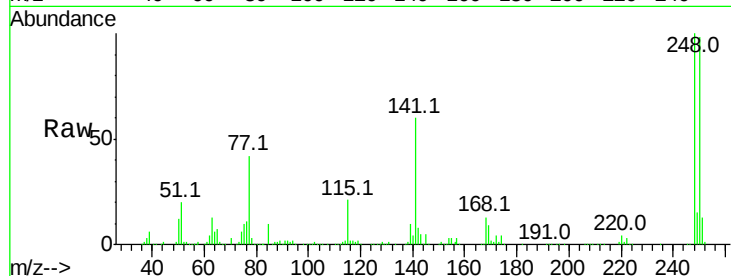


#66
4-Bromophenyl-phenylether
Concen: 45.62 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	75.0	112.6
141	60.0	55.2	82.8

Manual Integrations
APPROVED

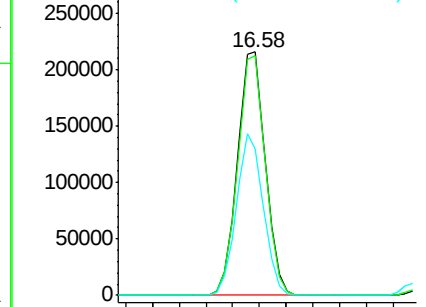


Abundance

Ion 248.00 (247.70 to 248.70): E

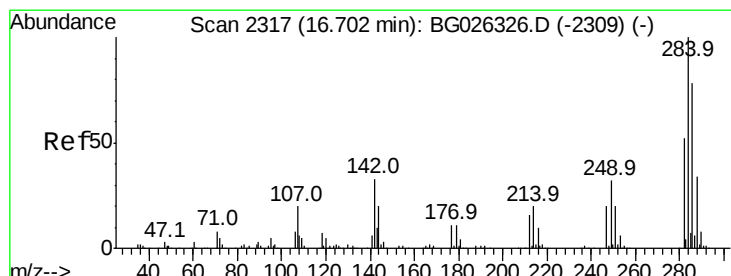
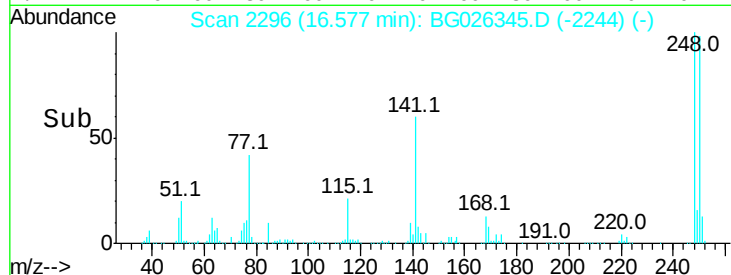
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



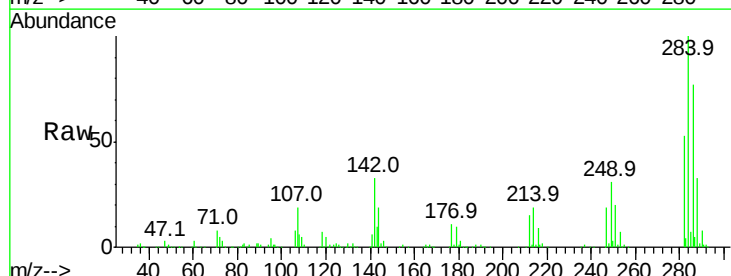
mohammad

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#67
Hexachlorobenzene
Concen: 45.17 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	29.9	44.9
249	31.3	29.2	43.8

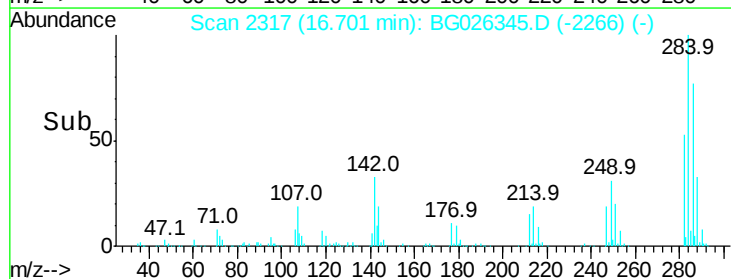
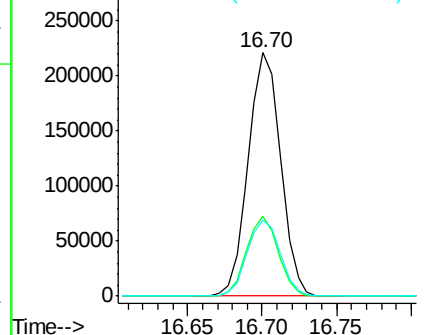


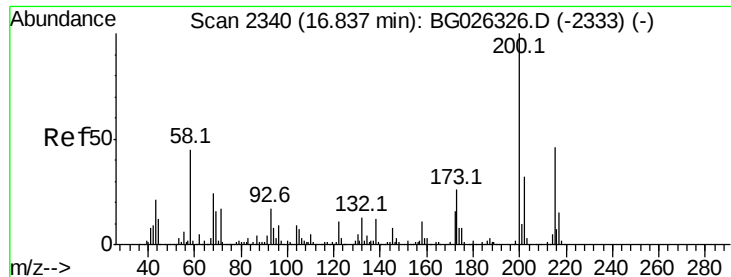
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



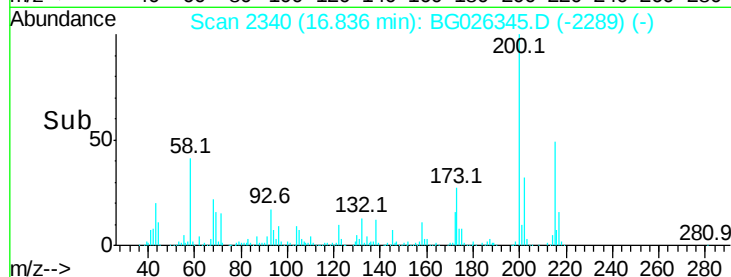
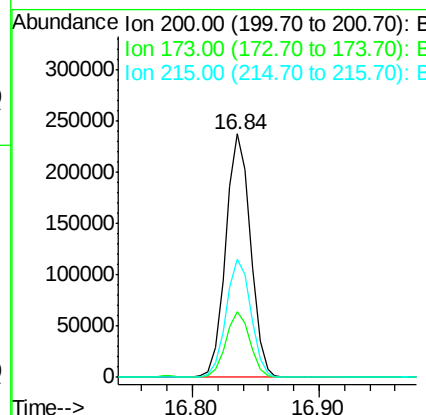
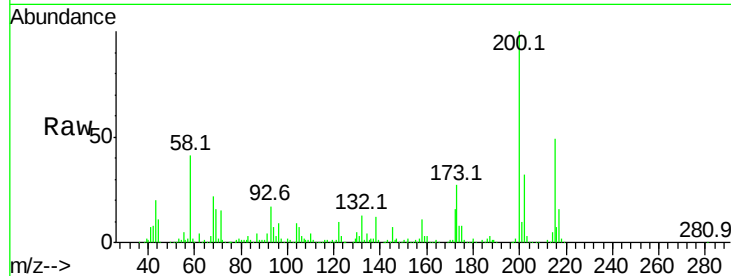


#68
Atrazine
Concen: 43.32 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Instrument :
BNA_G
ClientSampleId :
PB97680BSD

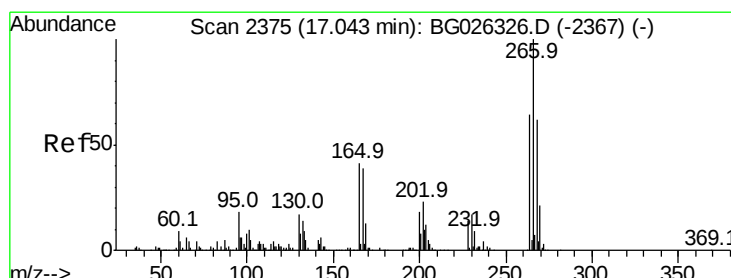
Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.2	3.0	43.0	
215	48.6	28.4	68.4	

Manual Integrations
APPROVED



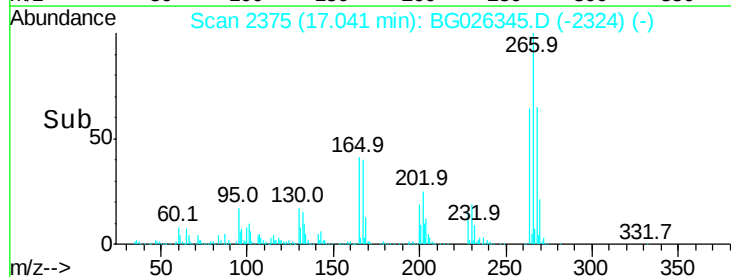
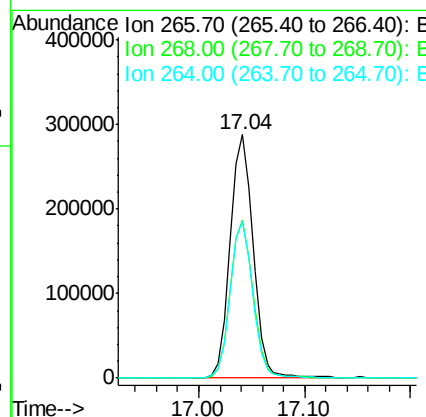
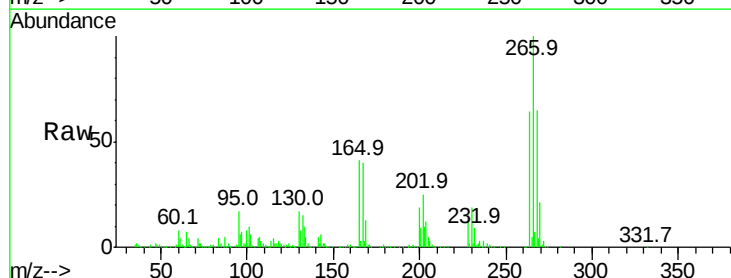
mohammad

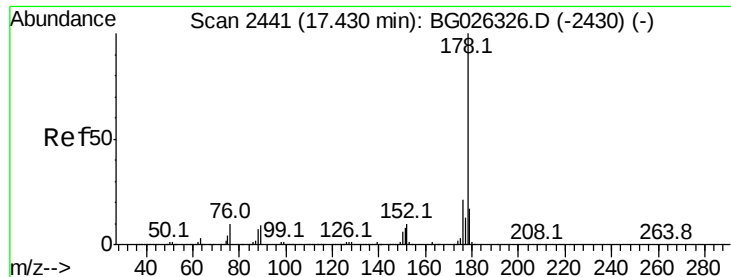
3/21/2017 5:22:31 PM



#69
Pentachlorophenol
Concen: 91.33 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.9	48.6	72.8	
264	64.4	50.1	75.1	



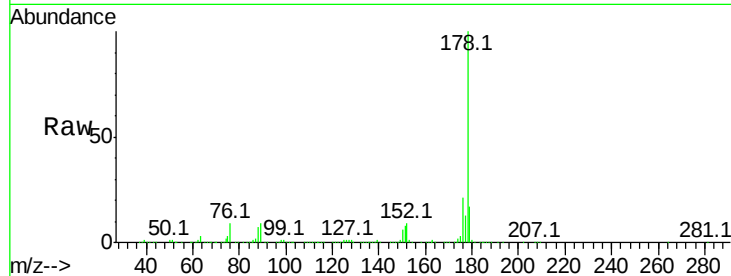


#70
Phenanthrene
Concen: 43.89 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.7	26.5
179	17.0	15.0	22.6

Manual Integrations
APPROVED

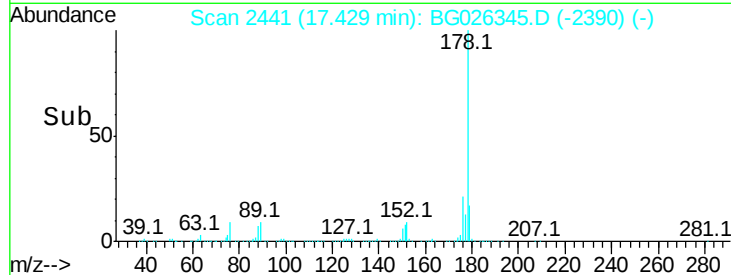
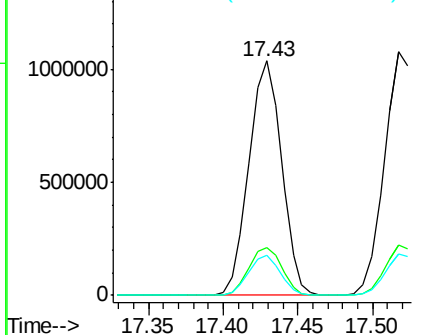


Abundance

Ion 178.00 (177.70 to 178.70): E

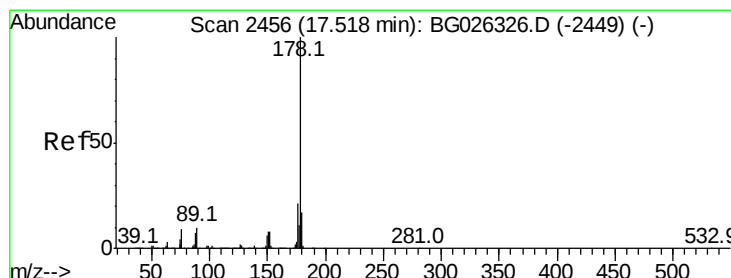
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#71
Anthracene
Concen: 44.63 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

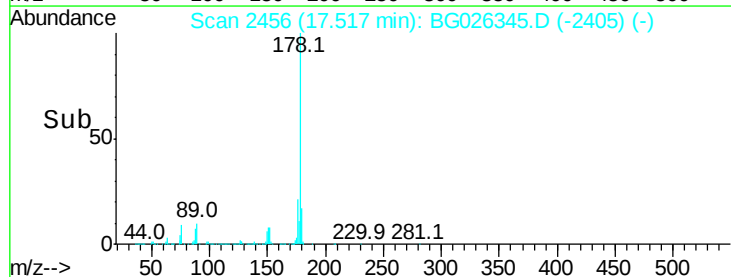
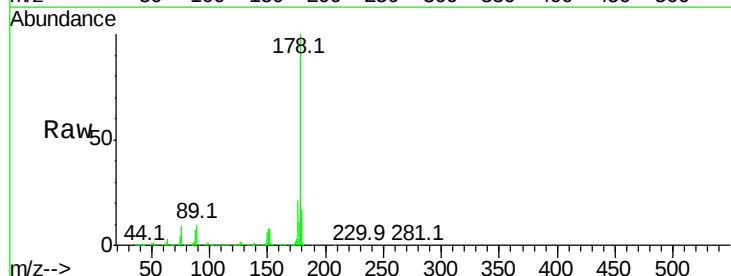
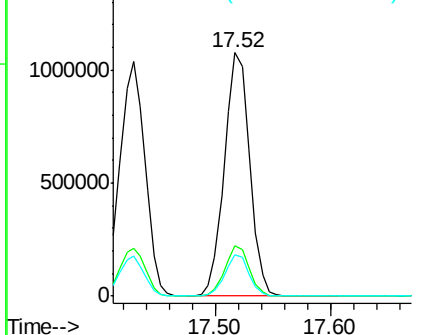
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.4	24.6
179	17.0	13.8	20.8

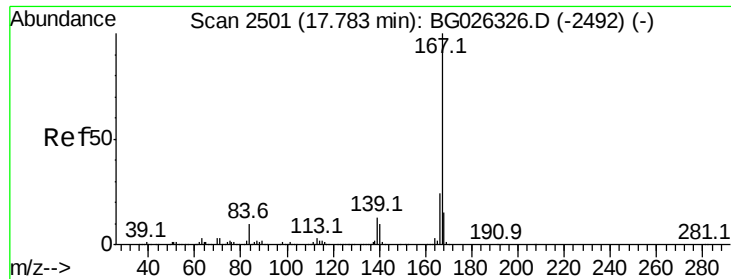
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 42.05 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

BNA_G

ClientSampleId :

PB97680BSD

Tot Ion:167 Resp: 1584362

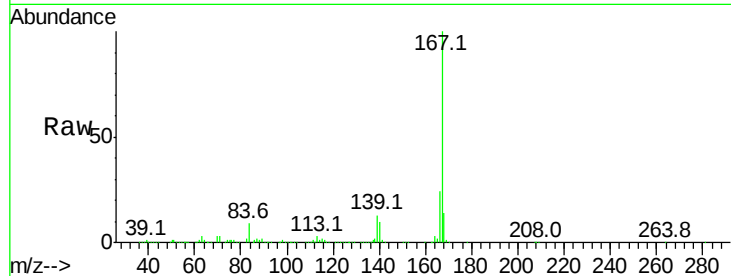
Ion Ratio Lower Upper

167 100

166 24.4 20.2 30.2

139 13.0 12.8 19.2

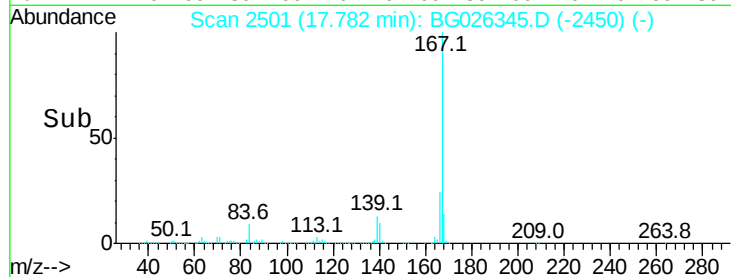
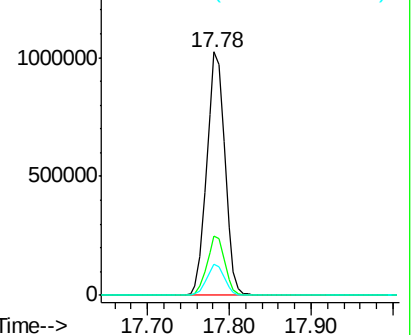
Manual Integrations
APPROVED



Abundance Ion 167.00 (166.70 to 167.70): E

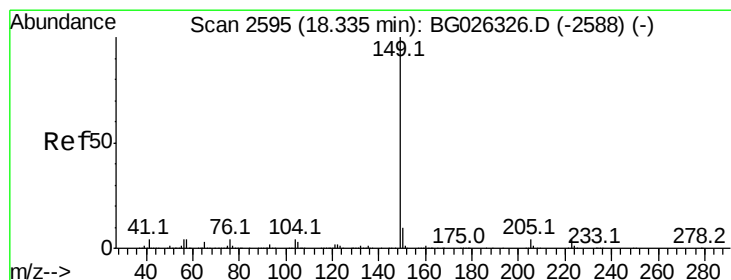
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



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#73

Di-n-butylphthalate

Concen: 45.78 ng

RT: 18.33 min Scan# 2595

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

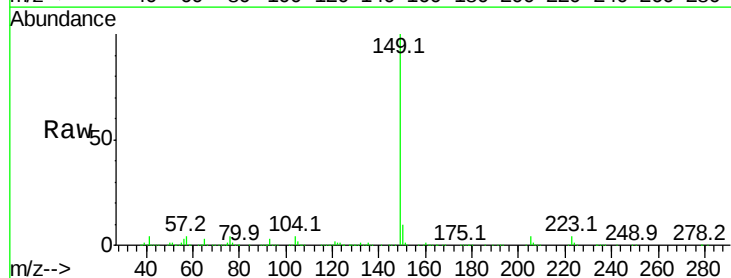
Tgt Ion:149 Resp: 1772072

Ion Ratio Lower Upper

149 100

150 10.4 9.1 13.7

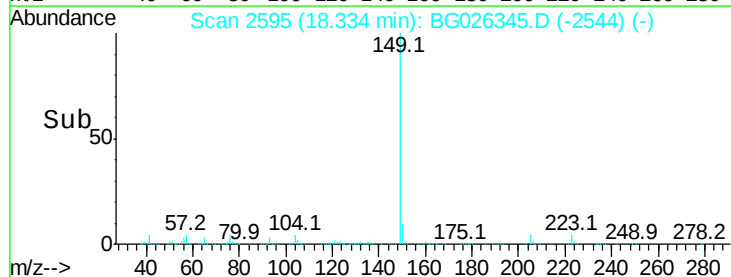
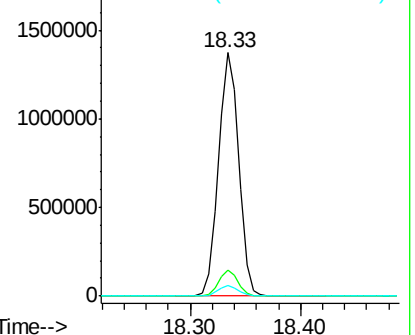
104 4.4 6.7 10.1#

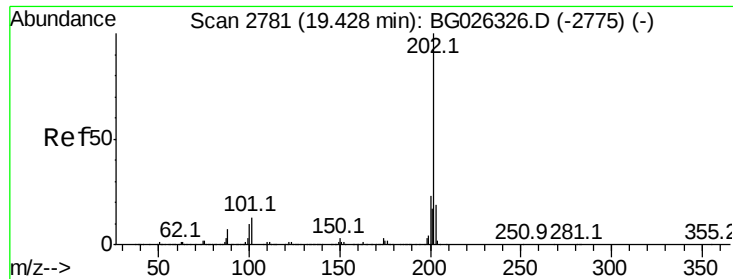


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 45.66 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

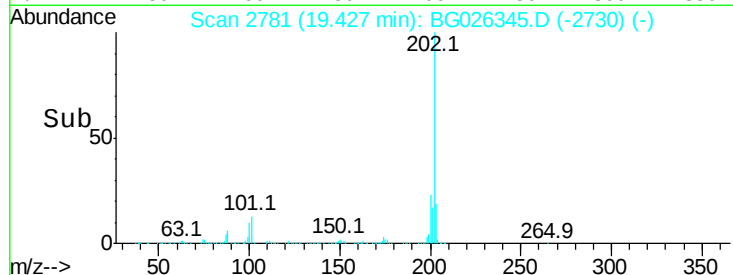
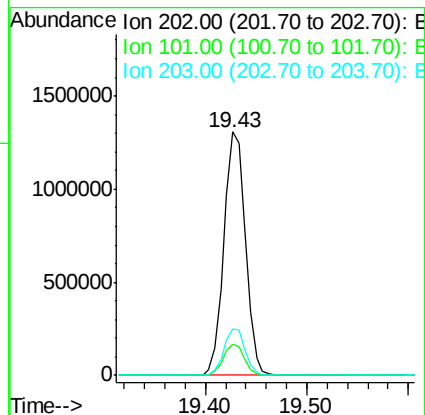
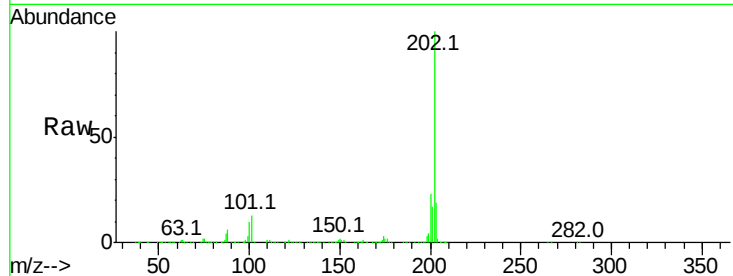
BNA_G

ClientSampleId :

PB97680BSD

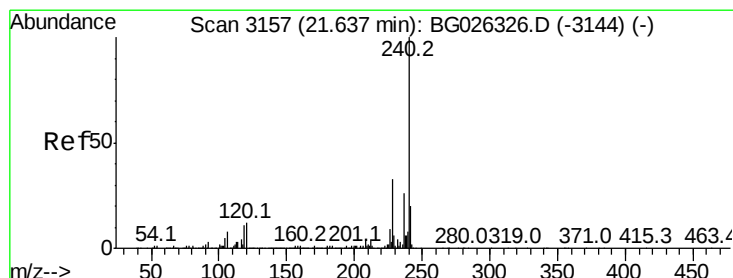
Tot Ion:	202	Resp:	1925738
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	30.1
203	19.3	1.3	41.3

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

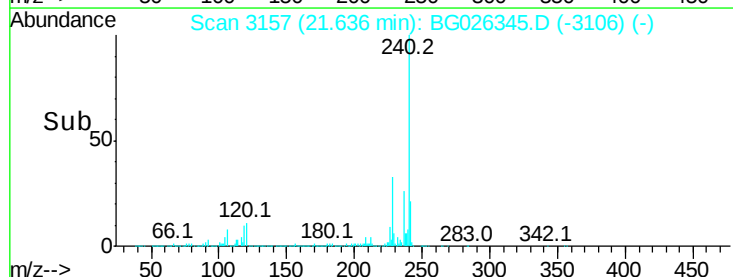
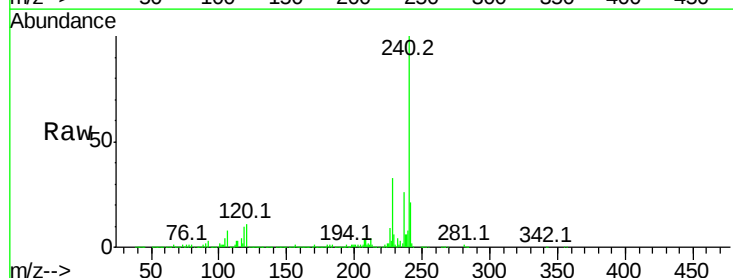
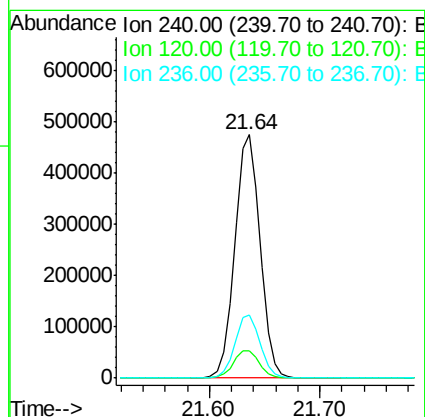
RT: 21.64 min Scan# 3157

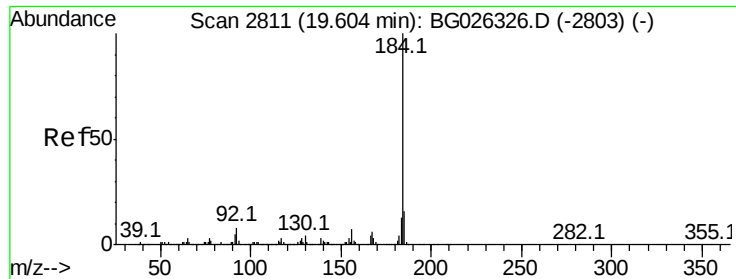
Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Tgt Ion:	240	Resp:	763530
Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.7	8.5#
236	26.1	22.2	33.4





#76

Benzidine

Concen: 8.87 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

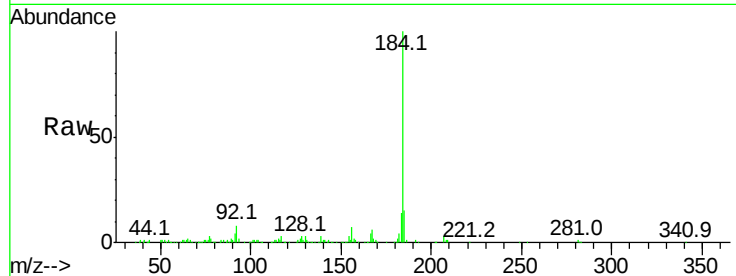
BNA_G

ClientSampleId :

PB97680BSD

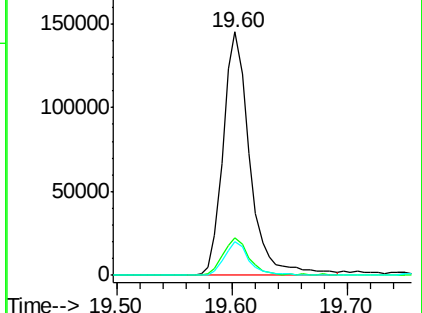
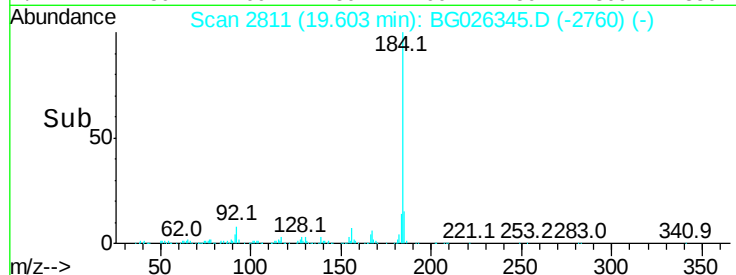
Tot Ion:	184	Resp:	233622
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.0	19.6
183	14.1	11.0	16.6

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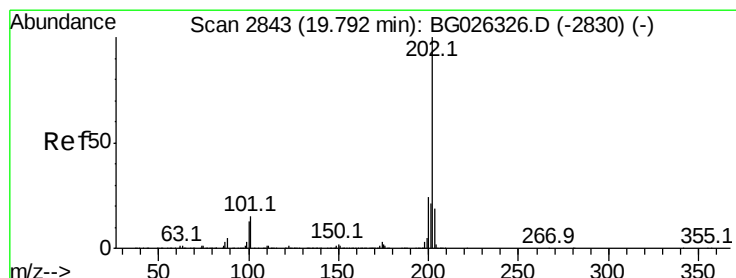
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

19.60



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#77

Pyrene

Concen: 44.49 ng

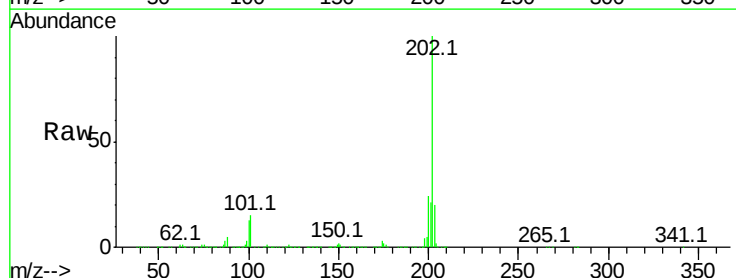
RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG026345.D

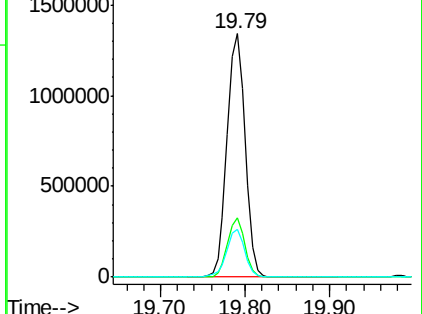
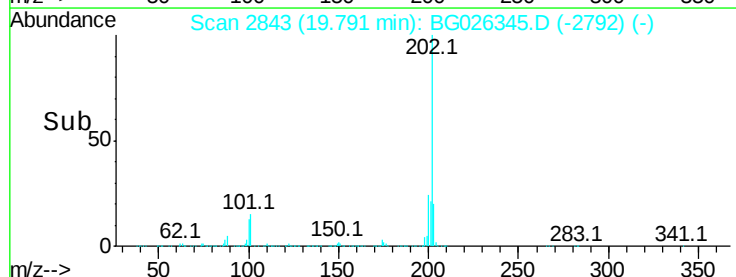
Acq: 21 Mar 2017 2:58

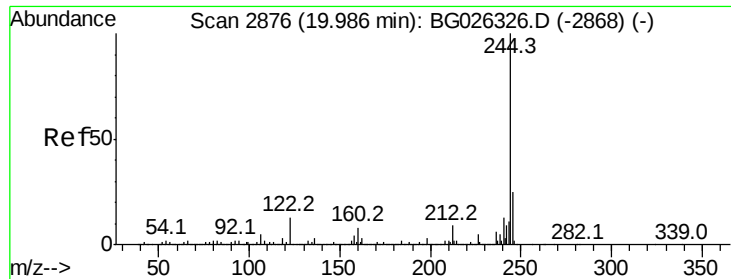
Tgt Ion:	202	Resp:	1967007
Ion Ratio	Lower	Upper	
202	100		
200	24.2	19.6	29.4
203	19.9	15.8	23.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

19.79





#78

Terphenyl-d14

Concen: 78.89 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

BNA_G

ClientSampleId :

PB97680BSD

Tot Ion:244 Resp: 2480335

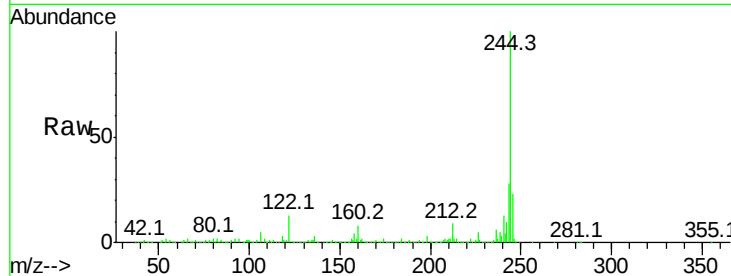
Ion Ratio Lower Upper

244 100

212 8.7 10.0 15.0#

122 12.8 8.6 12.8

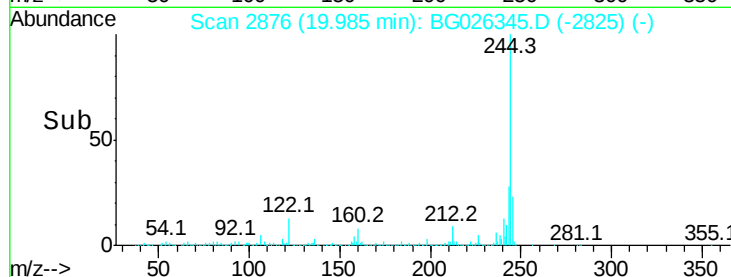
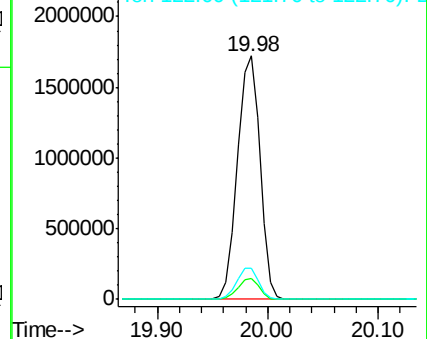
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E

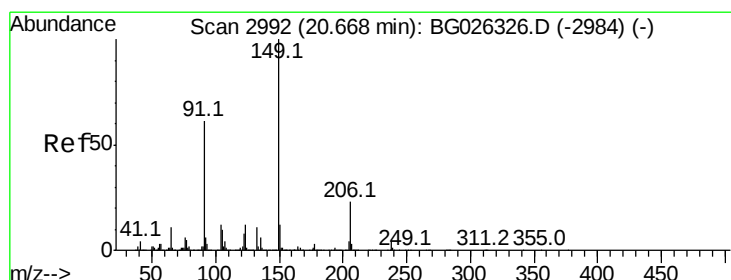
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 47.31 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

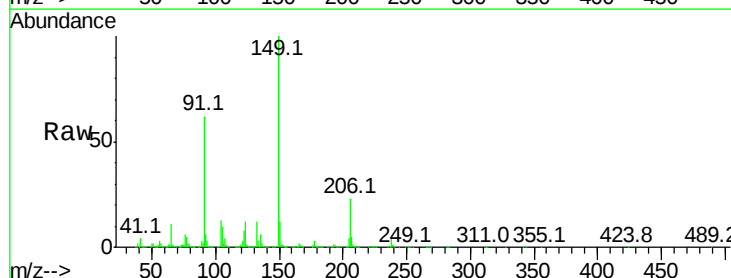
Tgt Ion:149 Resp: 836831

Ion Ratio Lower Upper

149 100

91 62.0 63.5 95.3#

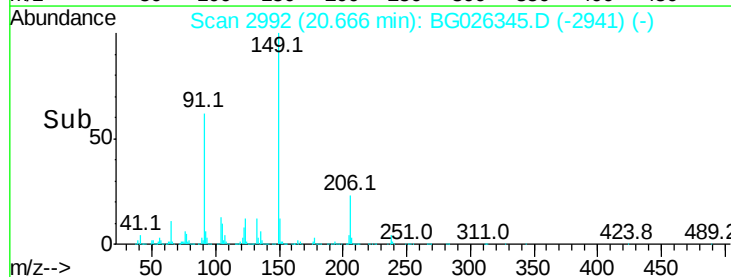
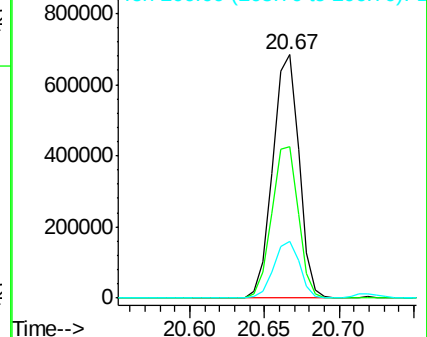
206 23.5 21.0 31.6

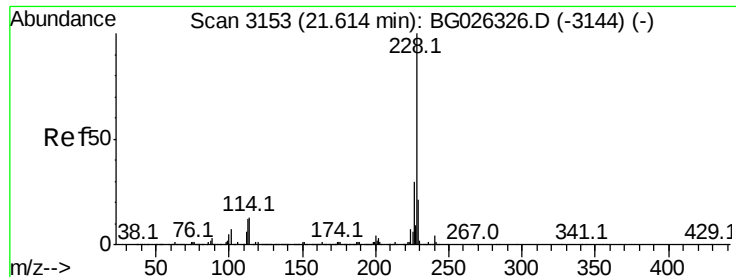


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



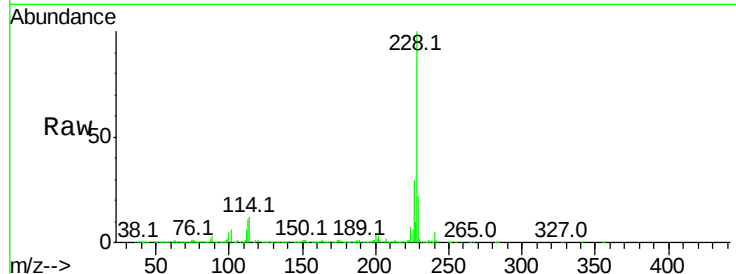


#80
Benzo(a)anthracene
Concen: 44.55 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

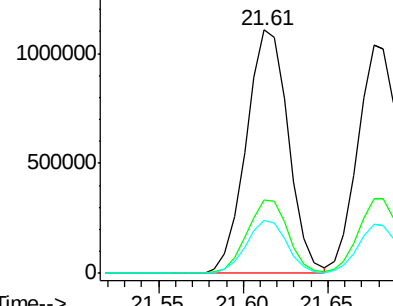
Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion:	228	Resp:	1914134
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	21.7	18.2	27.2

Manual Integrations
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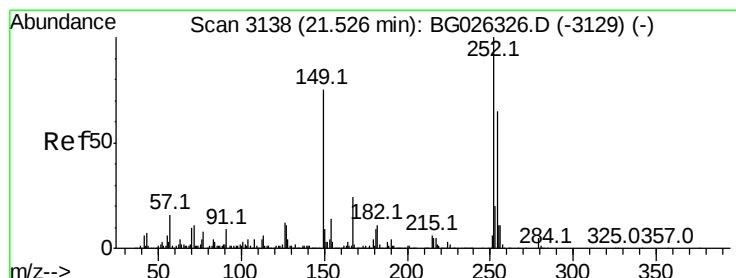
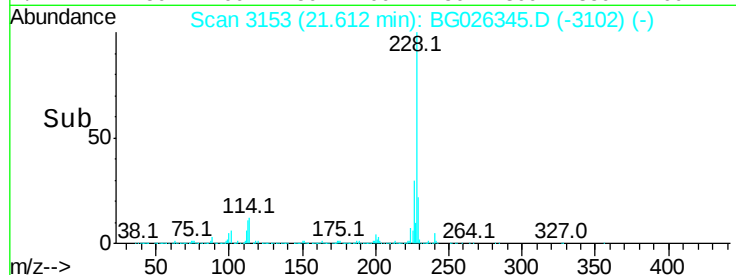


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



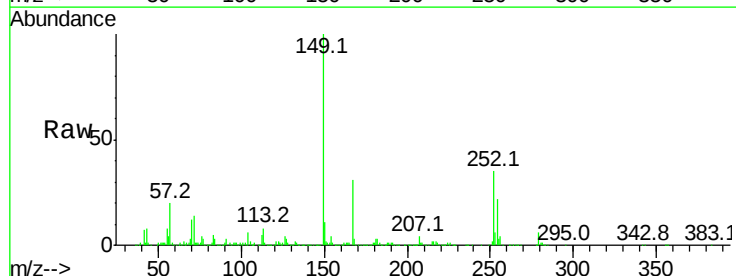
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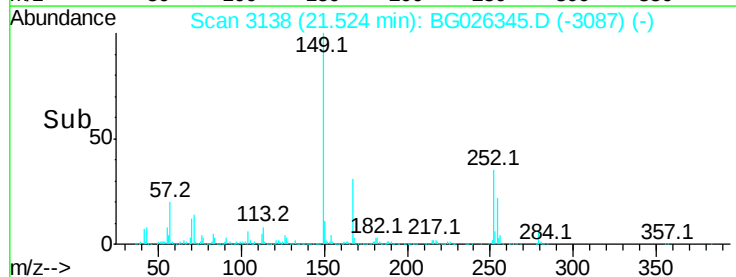
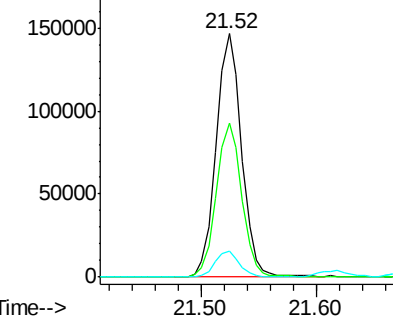


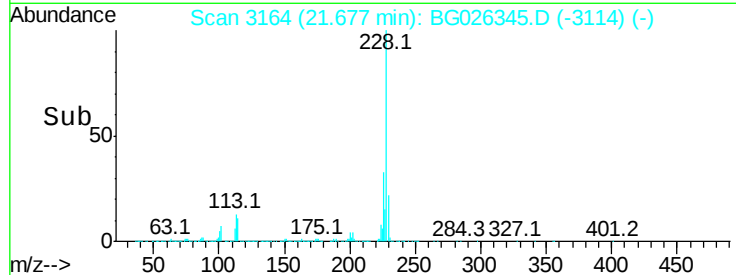
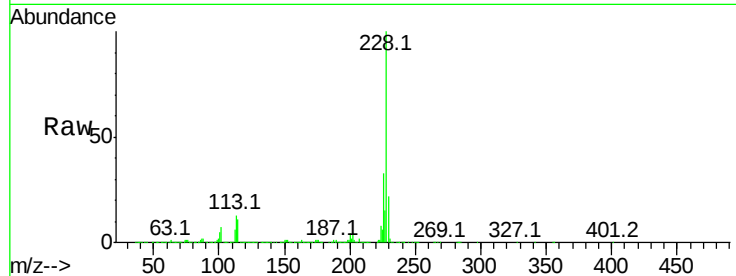
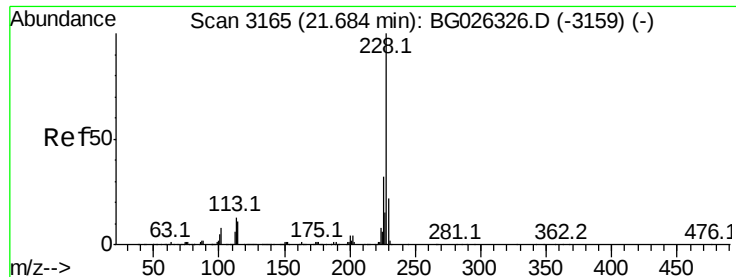
#81
3,3'-Dichlorobenzidine
Concen: 12.68 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion:	252	Resp:	222977
Ion	Ratio	Lower	Upper
252	100		
254	63.1	53.1	79.7
126	10.5	7.0	10.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



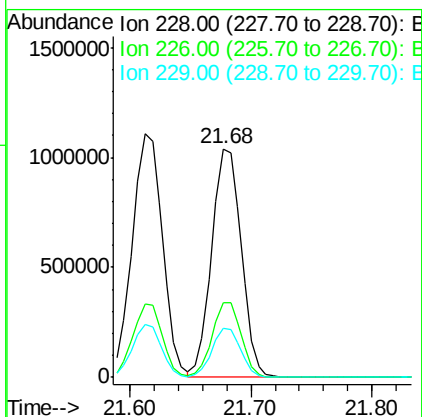


#82
 Chrysene
 Concen: 42.65 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BSD

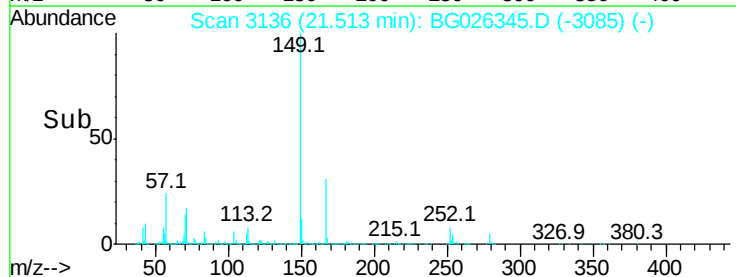
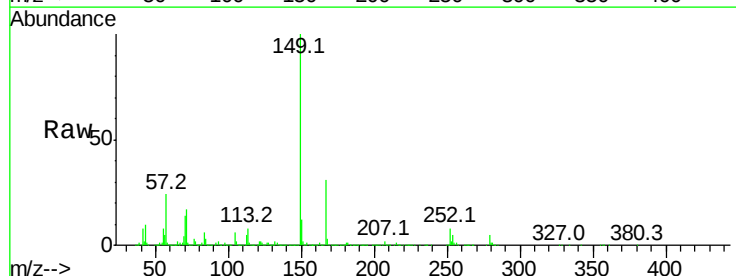
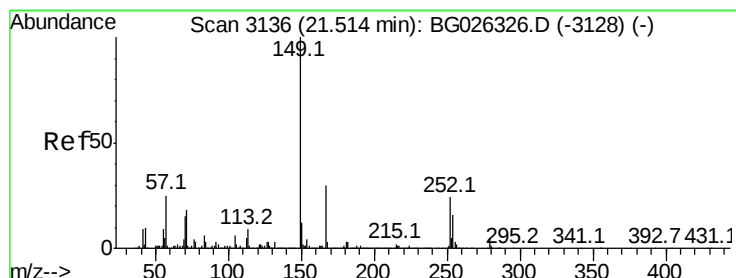
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	27.0	40.4
229	21.7	17.8	26.6

Manual Integrations
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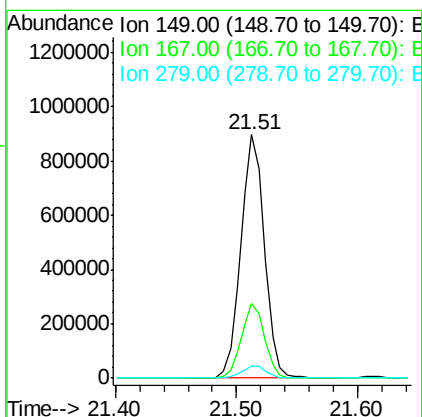
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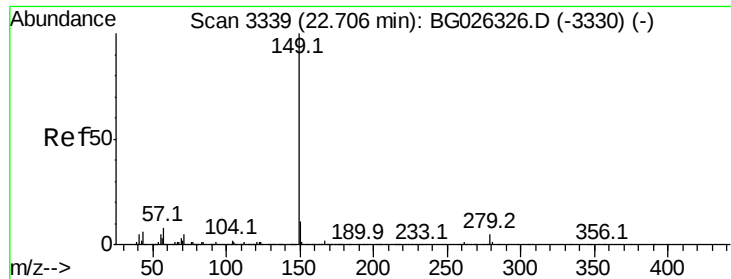
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.74 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG026345.D
 Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	23.7	35.5
279	4.9	4.6	6.8





#84

Di-n-octyl phthalate

Concen: 46.11 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

Instrument :

BNA_G

ClientSampleId :

PB97680BSD

Tot Ion:149 Resp: 2102527

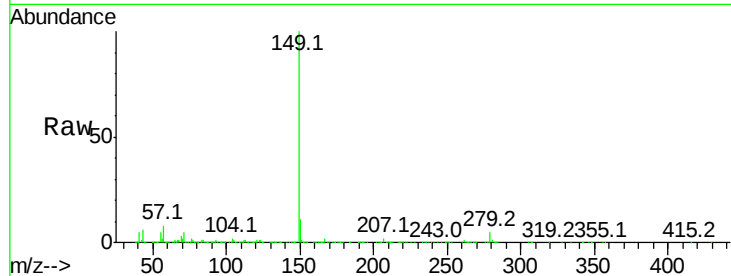
Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 6.0 11.8 17.6#

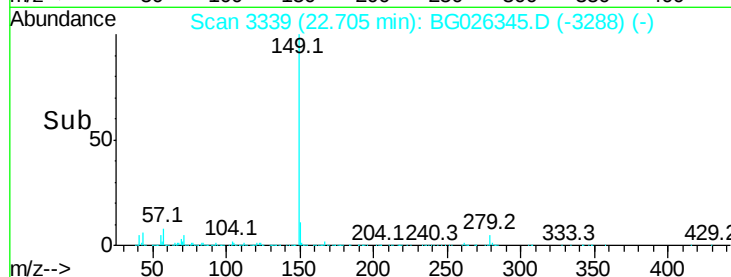
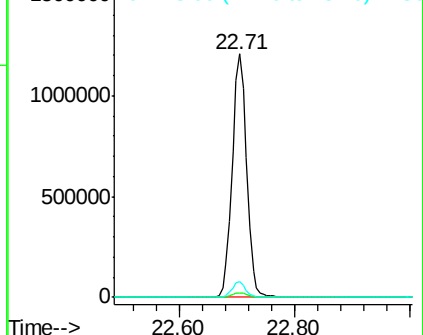
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

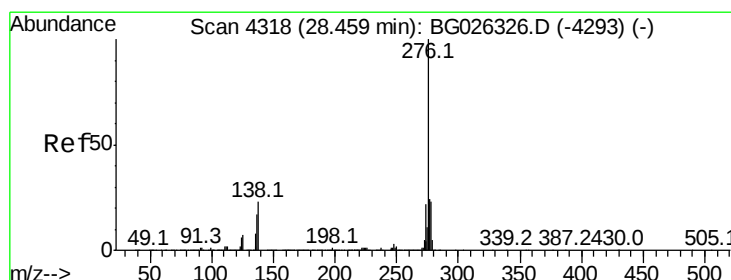
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



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#85

Indeno(1,2,3-cd)pyrene

Concen: 46.35 ng

RT: 28.46 min Scan# 4318

Delta R.T. -0.00 min

Lab File: BG026345.D

Acq: 21 Mar 2017 2:58

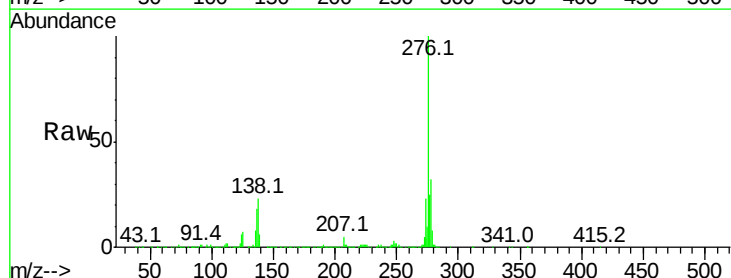
Tgt Ion:276 Resp: 2349350

Ion Ratio Lower Upper

276 100

138 27.3 4.7 7.1#

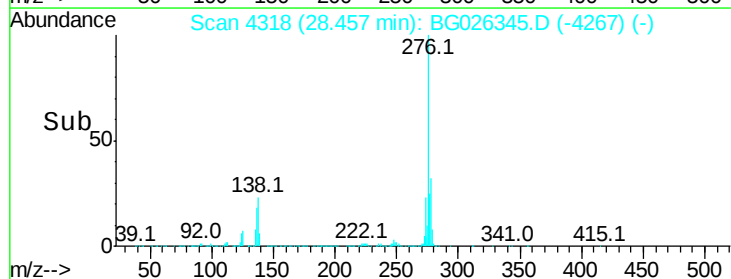
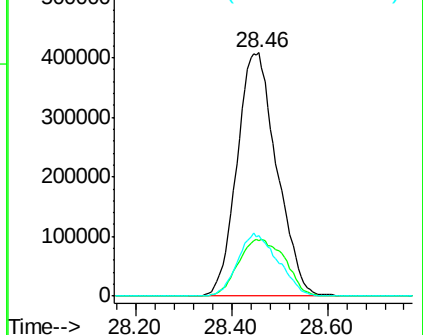
277 26.2 20.6 31.0

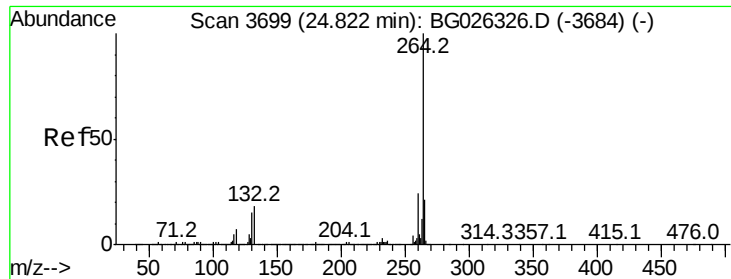


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



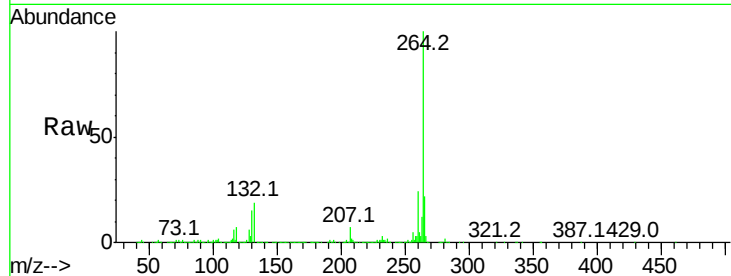


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

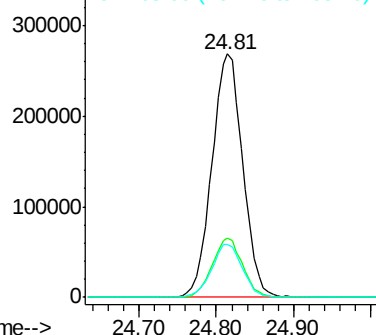
Instrument :
BNA_G
ClientSampleId :
PB97680BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	21.6	18.2	27.4

Manual Integrations
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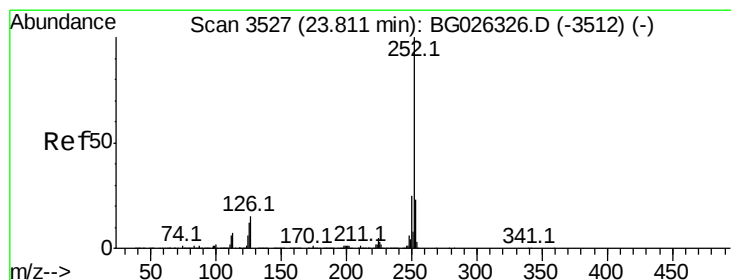
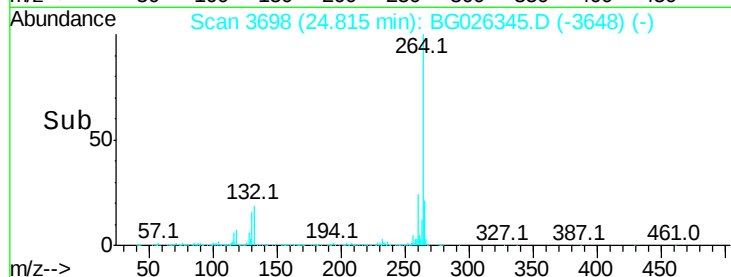


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



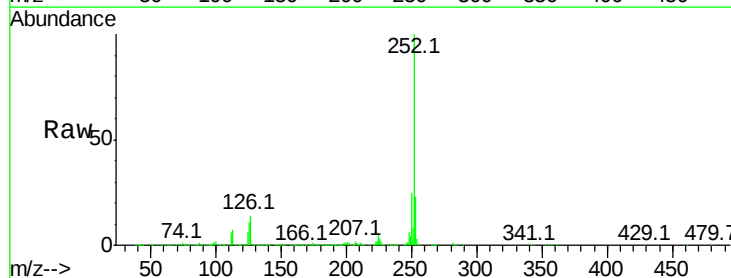
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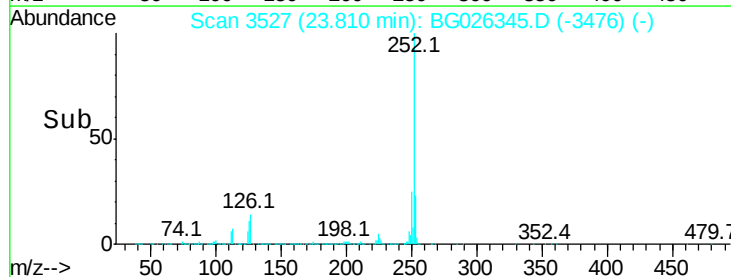
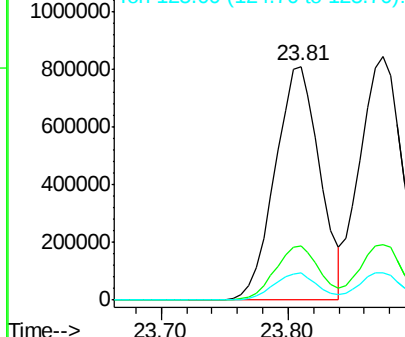


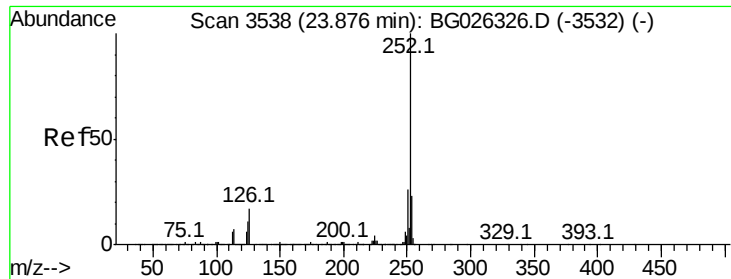
#87
Benzo(b)fluoranthene
Concen: 44.80 ng
RT: 23.81 min Scan# 3527
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	11.4	5.3	7.9



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



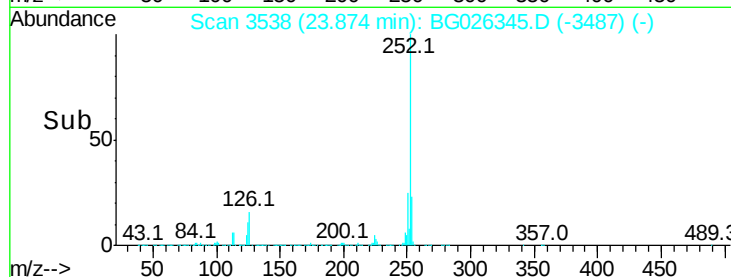
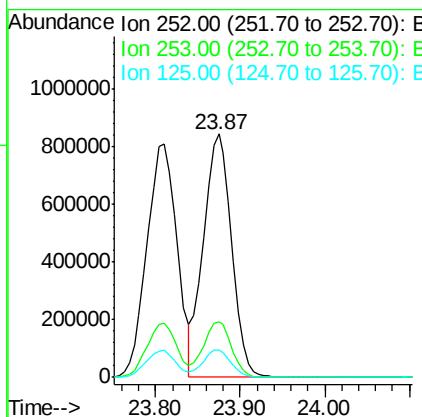
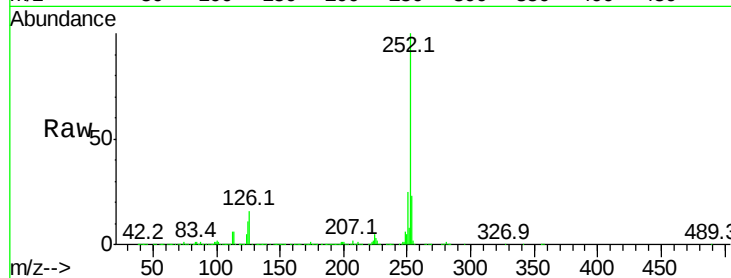


#88
Benzo(k)fluoranthene
Concen: 45.50 ng
RT: 23.87 min Scan# 3538
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Instrument :
BNA_G
ClientSampleId :
PB97680BSD

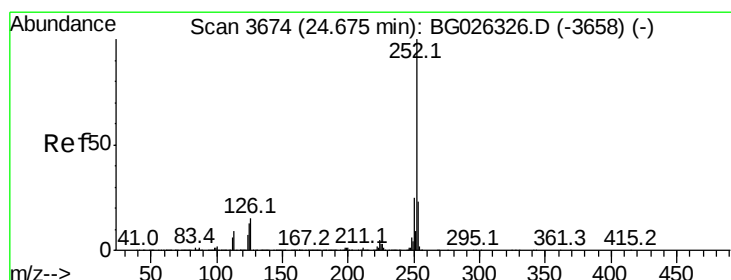
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.2	30.2
125	11.4	5.1	7.7#

Manual Integrations
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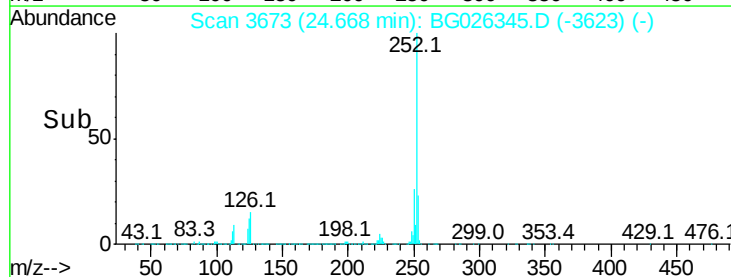
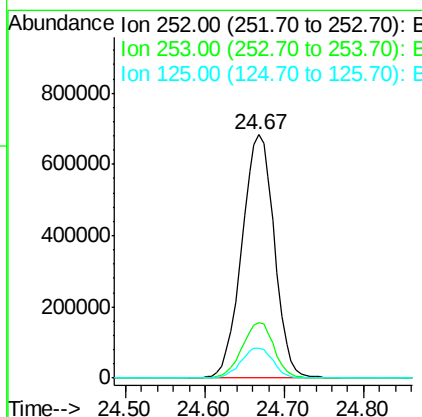
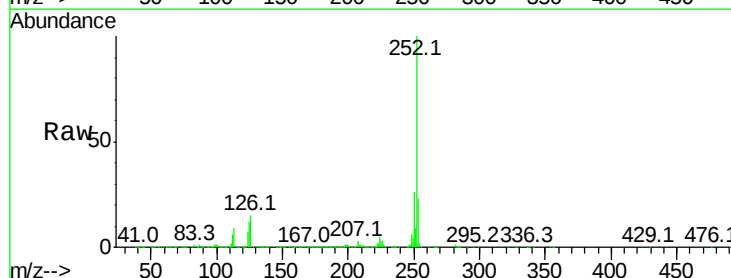
mohammad

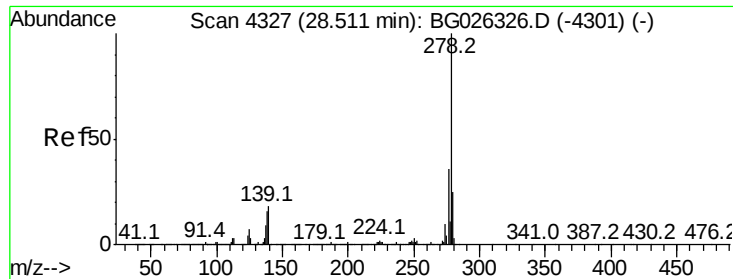
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#89
Benzo(a)pyrene
Concen: 45.52 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	12.3	5.4	8.0#



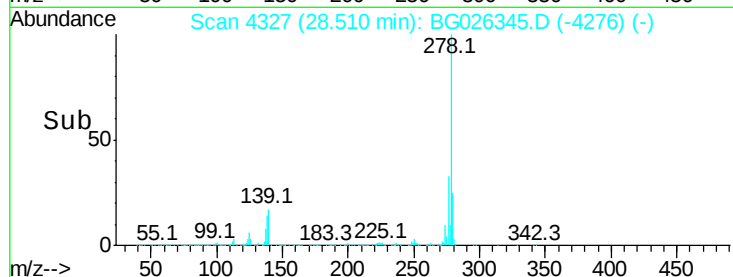
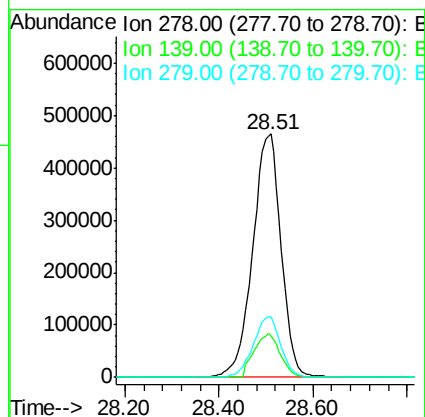
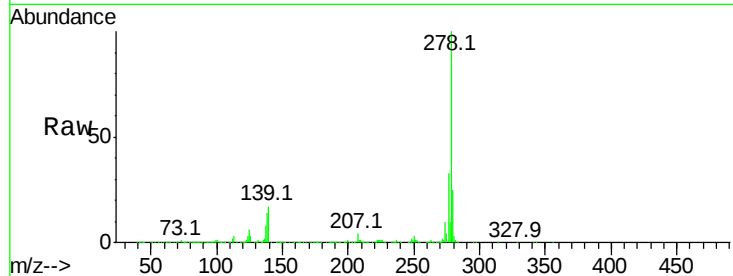


#90
Dibenzo(a,h)anthracene
Concen: 45.39 ng
RT: 28.51 min Scan# 4327
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Instrument :
BNA_G
ClientSampleId :
PB97680BSD

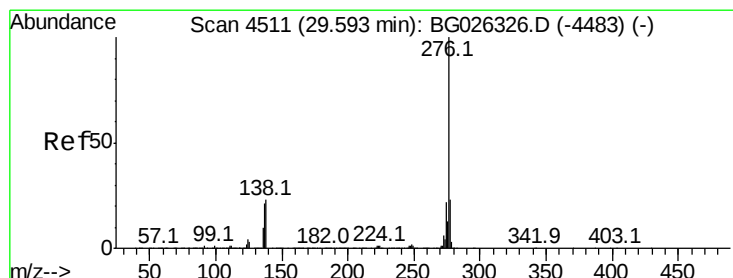
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	7.7	11.5#
279	24.7	19.1	28.7

Manual Integrations
APPROVED



mohammad

3/21/2017 5:22:31 PM



#91
Benzo(g,h,i)perylene
Concen: 45.23 ng
RT: 29.59 min Scan# 4511
Delta R.T. -0.00 min
Lab File: BG026345.D
Acq: 21 Mar 2017 2:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	21.8	8.1	12.1#

