

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
 Data File : BG020039.D
 Acq On : 9 Dec 2015 11:59
 Operator : UM/SJ
 Sample : PB87142BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS

Manual Integrations
 APPROVED

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 12/9/2015 6:14:24 PM

Quant Time: Dec 09 14:46:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18814	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	85473	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	61875	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	160566	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	199000	20.00	ng	-0.04
86) Perylene-d12	25.03	264	182905	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	144316	138.64	ng	-0.01
7) Phenol-d6	7.26	99	208821	132.86	ng	-0.01
23) Nitrobenzene-d5	9.28	82	134049	80.04	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	116075	122.61	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	338458	74.69	ng	-0.02
78) Terphenyl-d14	20.08	244	629333	77.14	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	13548	33.41	ng	# 100
3) Pyridine	3.92	79	42012	34.11	ng	# 81
4) n-Nitrosodimethylamine	3.84	42	22452	34.66	ng	94
6) Aniline	7.43	93	46395	22.80	ng	# 87
8) 2-Chlorophenol	7.67	128	55288	43.56	ng	95
9) Benzaldehyde	7.24	77	17598	16.79	ng	89
10) Phenol	7.29	94	75061	45.38	ng	81
11) bis(2-Chloroethyl)ether	7.53	93	48378	39.49	ng	89
12) 1,3-Dichlorobenzene	8.00	146	54722	38.03	ng	# 95
13) 1,4-Dichlorobenzene	8.14	146	55999	37.69	ng	94
14) 1,2-Dichlorobenzene	8.47	146	55286	39.01	ng	96
15) Benzyl Alcohol	8.34	79	55939	40.56	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.64	45	71462	35.77	ng	94
17) 2-Methylphenol	8.55	107	50972	43.65	ng	# 89
18) Hexachloroethane	9.20	117	20784	37.35	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	44820	36.16	ng	91
20) 3+4-Methylphenols	8.87	107	71561	43.52	ng	92
22) Acetophenone	8.94	105	81300	34.70	ng	# 92
24) Nitrobenzene	9.32	77	70249	38.67	ng	89
25) Isophorone	9.84	82	122288	34.06	ng	# 95
26) 2-Nitrophenol	10.03	139	31248	44.54	ng	# 74
27) 2,4-Dimethylphenol	10.09	122	58809	40.25	ng	93
28) bis(2-Chloroethoxy)methane	10.32	93	70690	40.29	ng	100
29) 2,4-Dichlorophenol	10.57	162	64818	43.42	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	63398	37.58	ng	95
31) Naphthalene	10.98	128	174283	38.06	ng	99
32) Benzoic acid	10.21	122	41901	43.23	ng	89
33) 4-Chloroaniline	11.08	127	29722	14.73	ng	# 95
34) Hexachlorobutadiene	11.26	225	43512	34.97	ng	97
35) Caprolactam	11.86	113	23042m	41.47	ng	
36) 4-Chloro-3-methylphenol	12.19	107	77005	41.42	ng	95
37) 2-Methylnaphthalene	12.58	142	134995	40.23	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	86402	36.80	ng	99
40) Hexachlorocyclopentadiene	12.92	237	81011	60.51	ng	99

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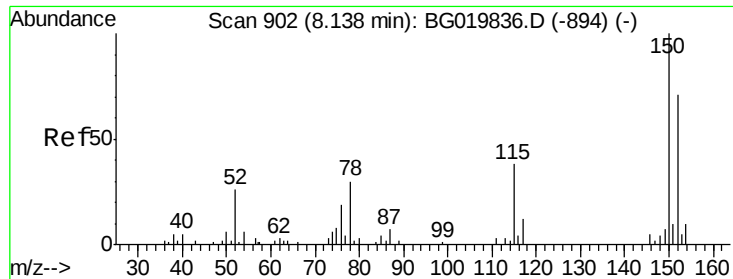
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	62092	39.94	ng	100
43) 2,4,5-Trichlorophenol	13.25	196	69266	42.16	ng	98
45) 1,1'-Biphenyl	13.58	154	179037	35.26	ng	99
46) 2-Chloronaphthalene	13.62	162	148876	38.04	ng	95
47) 2-Nitroaniline	13.82	65	54089	43.75	ng	90
48) Acenaphthylene	14.46	152	250270	37.54	ng	98
49) Dimethylphthalate	14.19	163	201575	36.22	ng	99
50) 2,6-Dinitrotoluene	14.31	165	45604	43.58	ng	# 82
51) Acenaphthene	14.81	154	147583	36.48	ng	99
52) 3-Nitroaniline	14.64	138	33390	30.71	ng	98
53) 2,4-Dinitrophenol	14.84	184	41133	74.58	ng	91
54) Dibenzofuran	15.13	168	252445	41.95	ng	94
55) 4-Nitrophenol	14.94	139	75331	79.56	ng	# 65
56) 2,4-Dinitrotoluene	15.09	165	65968	45.18	ng	# 89
57) Fluorene	15.78	166	203539	37.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	67877	44.64	ng	97
59) Diethylphthalate	15.55	149	212472	35.27	ng	97
60) 4-Chlorophenyl-phenylether	15.78	204	111524	36.06	ng	98
61) 4-Nitroaniline	15.80	138	48015	39.27	ng	# 77
62) Azobenzene	16.06	77	199868	39.88	ng	94
64) 4,6-Dinitro-2-methylphenol	15.85	198	36219	41.15	ng	93
65) n-Nitrosodiphenylamine	15.99	169	185177	39.85	ng	96
66) 4-Bromophenyl-phenylether	16.67	248	75856	38.02	ng	98
67) Hexachlorobenzene	16.79	284	82948	39.91	ng	95
68) Atrazine	16.93	200	77930	38.60	ng	96
69) Pentachlorophenol	17.13	266	104043	85.77	ng	95
70) Phenanthrene	17.53	178	352580	38.81	ng	98
71) Anthracene	17.61	178	354431	38.30	ng	97
72) Carbazole	17.88	167	315424	38.69	ng	98
73) Di-n-butylphthalate	18.43	149	374037	37.44	ng	99
74) Fluoranthene	19.53	202	451190	38.83	ng	93
76) Benzidine	19.70	184	113943	17.43	ng	97
77) Pyrene	19.89	202	460069	39.30	ng	96
79) Butylbenzylphthalate	20.76	149	176169	38.39	ng	99
80) Benzo(a)anthracene	21.73	228	464146	38.10	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	107632	23.20	ng	# 96
82) Chrysene	21.80	228	430548	37.23	ng	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	253296	37.61	ng	# 97
84) Di-n-octyl phthalate	22.87	149	435813	39.80	ng	# 95
85) Indeno(1,2,3-cd)pyrene	28.77	276	510820	40.09	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	457478	39.46	ng	# 95
88) Benzo(k)fluoranthene	24.06	252	440490	38.37	ng	# 95
89) Benzo(a)pyrene	24.88	252	441472	40.11	ng	# 96
90) Dibenzo(a,h)anthracene	28.85	278	420416	38.66	ng	# 94
91) Benzo(g,h,i)perylene	29.95	276	415268	38.90	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

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BNA_G

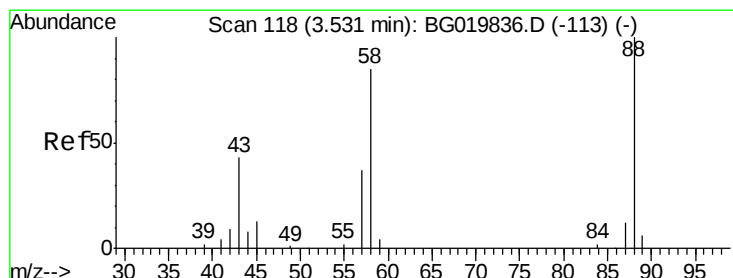
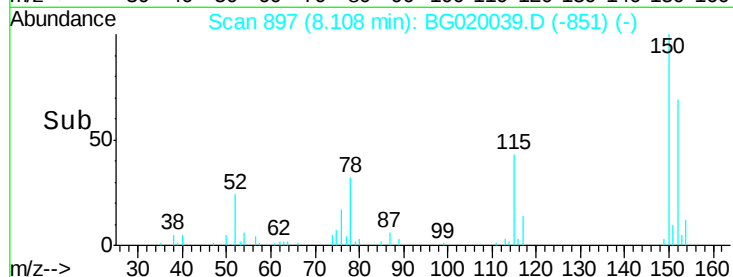
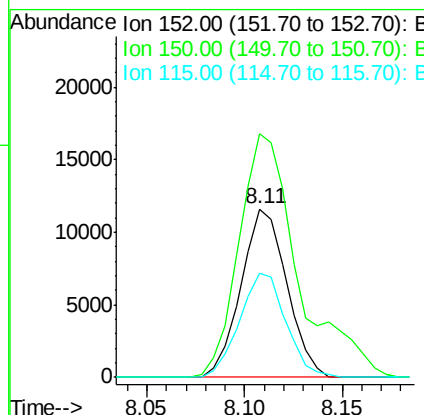
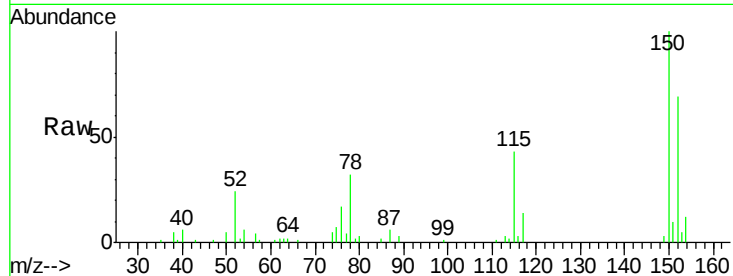
ClientSampleId :

PB87142BS

Tgt Ion:	152	Resp:	18814
Ion Ratio	Lower	Upper	
152	100		
150	144.3	115.0	172.4
115	61.6	43.9	65.9

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#2

1,4-Dioxane

Concen: 33.41 ng

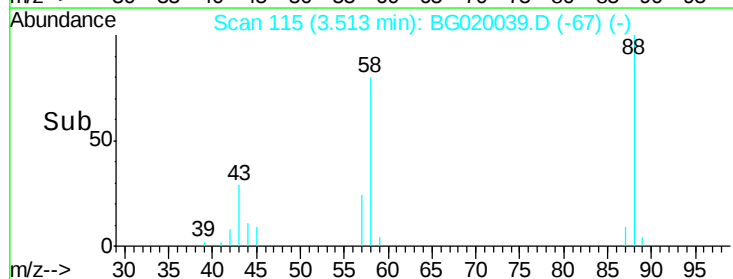
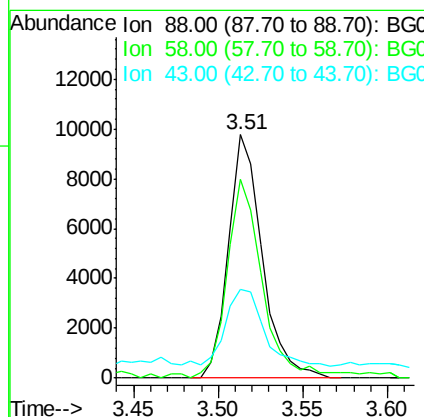
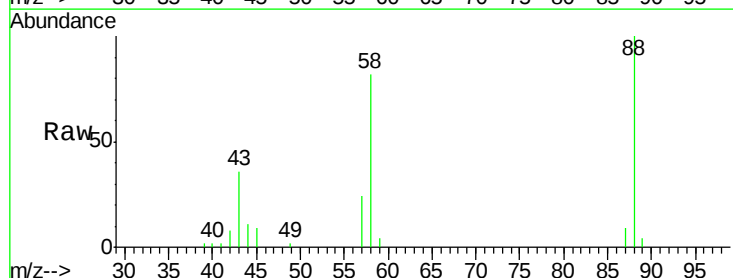
RT: 3.51 min Scan# 115

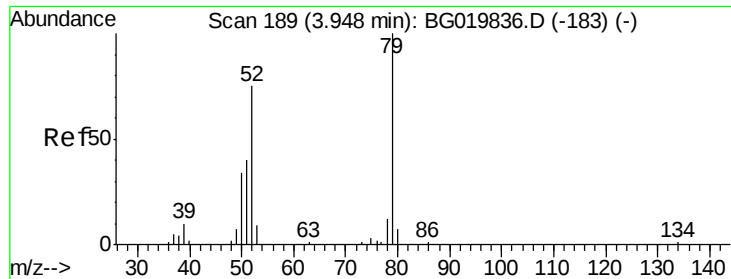
Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Tgt Ion:	88	Resp:	13548
Ion Ratio	Lower	Upper	
88	100		
58	87.5	0.0	0.0#
43	35.3	0.0	0.0#





#3

Pyridine

Concen: 34.11 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.03 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

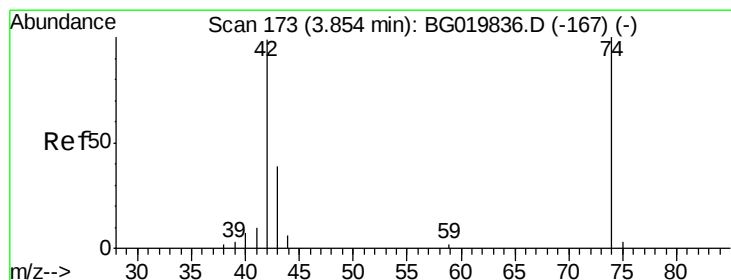
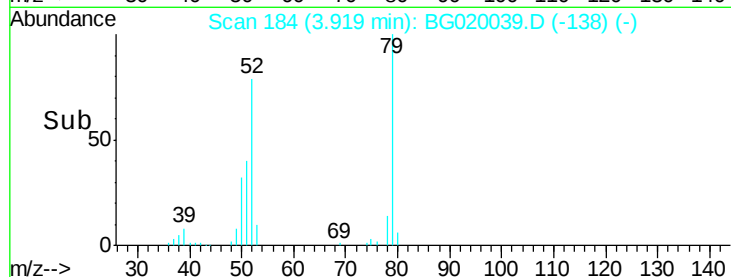
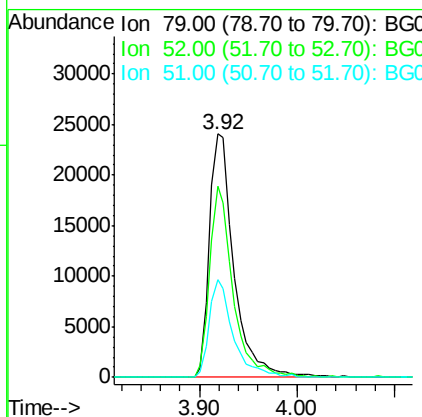
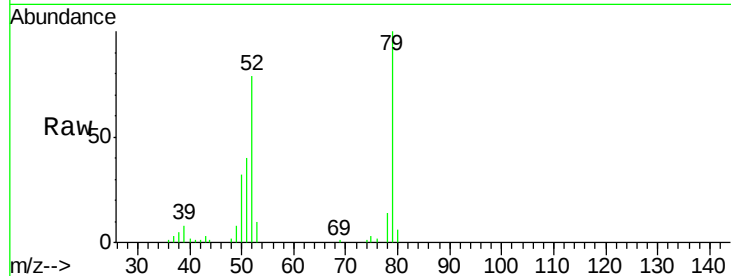
ClientSampleId :

PB87142BS

Tgt Ion:	79	Resp:	42012
Ion Ratio	Lower	Upper	
79	100		
52	78.7	50.3	75.5#
51	40.2	24.8	37.2#

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#4

n-Nitrosodimethylamine

Concen: 34.66 ng

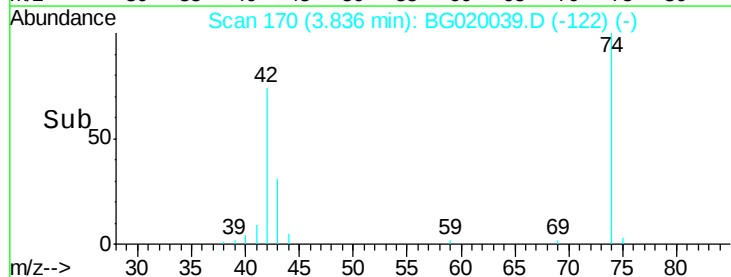
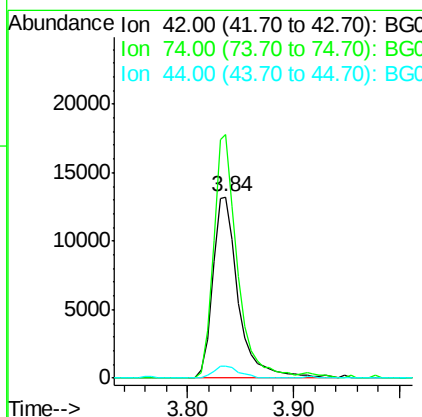
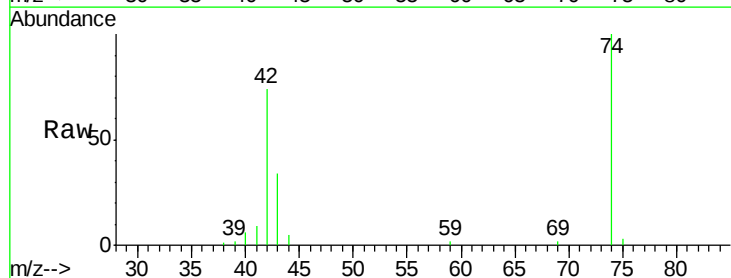
RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Tgt Ion:	42	Resp:	22452
Ion Ratio	Lower	Upper	
42	100		
74	134.6	113.9	170.9
44	6.7	5.7	8.5





#5

2-Fluorophenol

Concen: 138.64 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020039.D

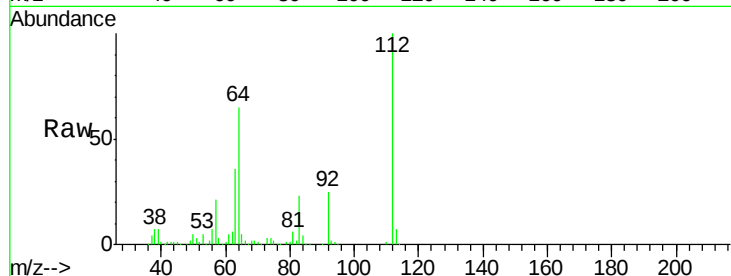
Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

ClientSampleId :

PB87142BS



Tgt Ion: 112 Resp: 144316

Ion Ratio Lower Upper

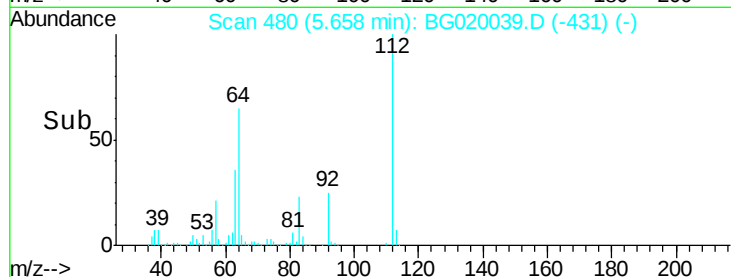
112 100

64 65.3 43.7 65.5

63 35.9 24.0 36.0

Manual Integrations
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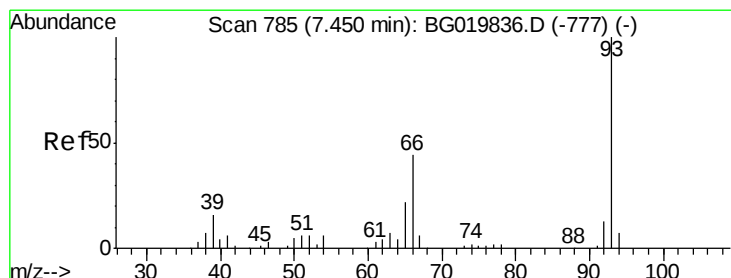
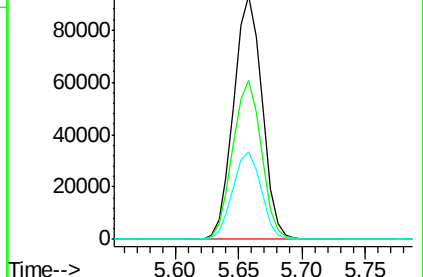
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.80 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

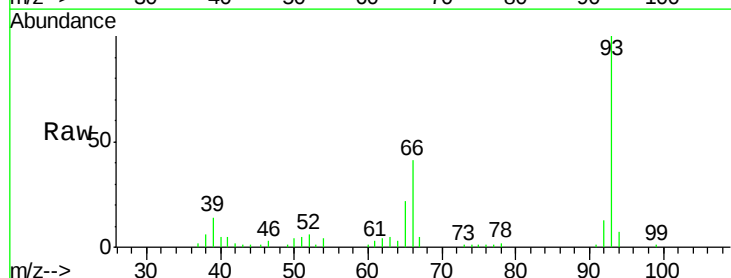
Tgt Ion: 93 Resp: 46395

Ion Ratio Lower Upper

93 100

66 41.4 26.2 39.2#

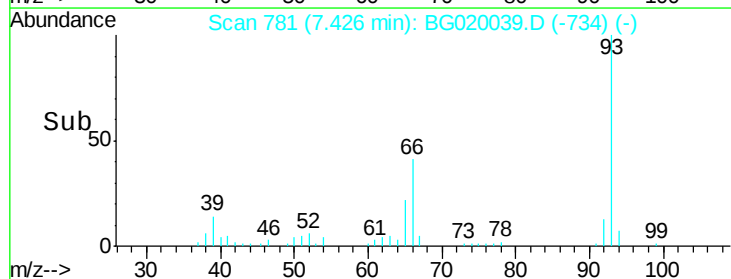
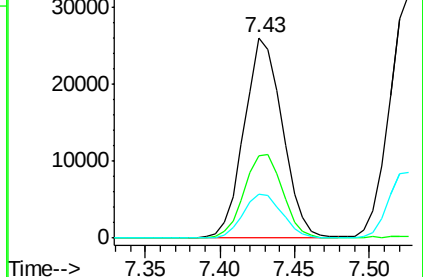
65 21.8 14.0 21.0#

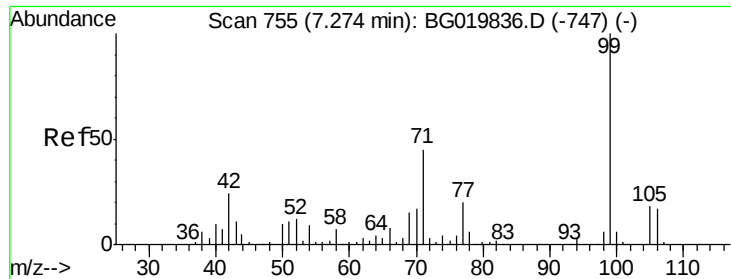


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.86 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 99 Resp: 208821
Ion Ratio Lower Upper

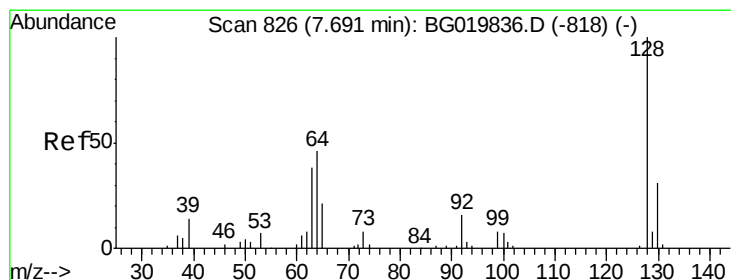
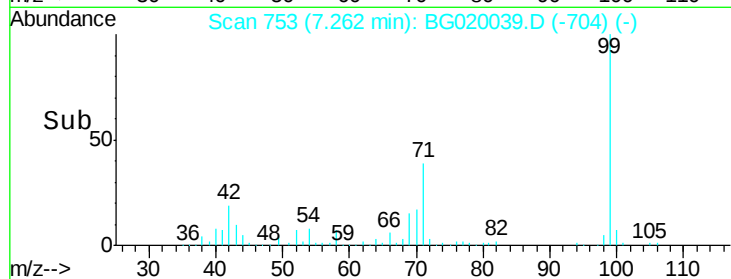
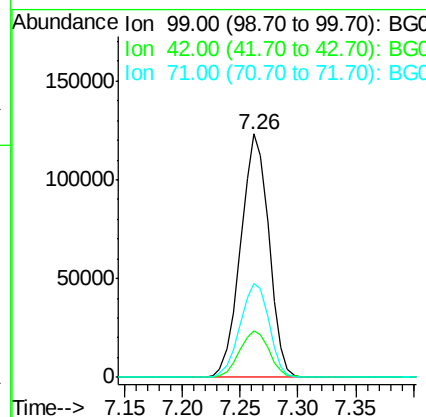
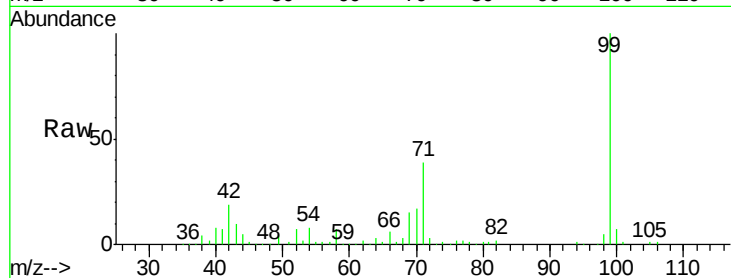
99 100

42 19.3 11.5 17.3#

71 38.8 22.6 34.0#

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#8

2-Chlorophenol

Concen: 43.56 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

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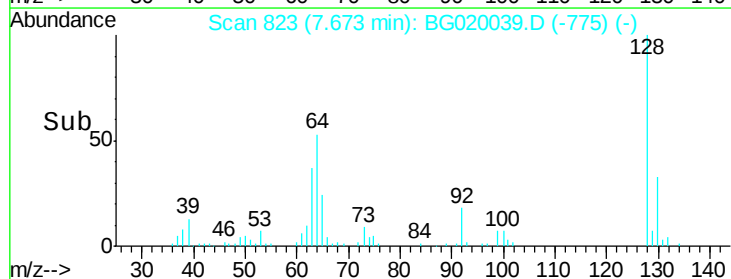
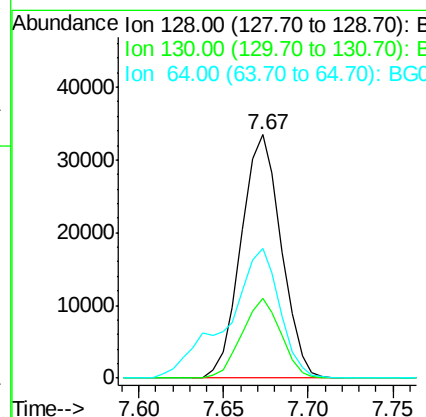
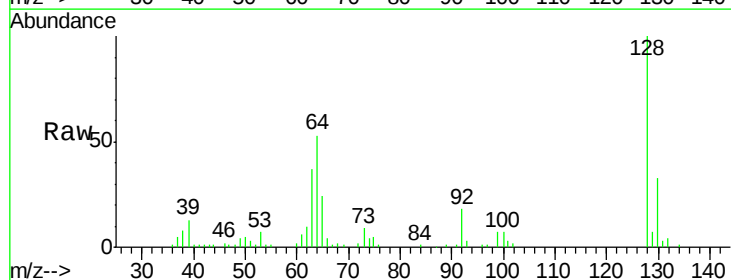
Acq: 9 Dec 2015 11:59

Tgt Ion:128 Resp: 55288
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 53.5 28.2 68.2





#9

Benzaldehyde

Concen: 16.79 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG020039.D

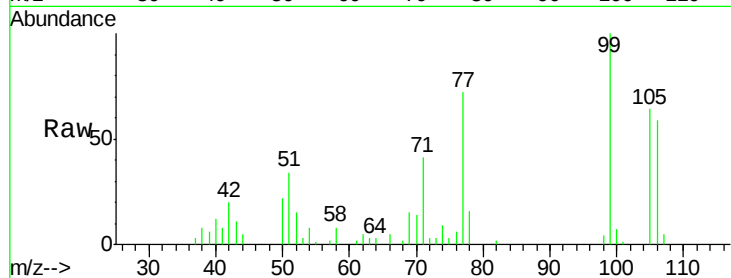
Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

ClientSampleId :

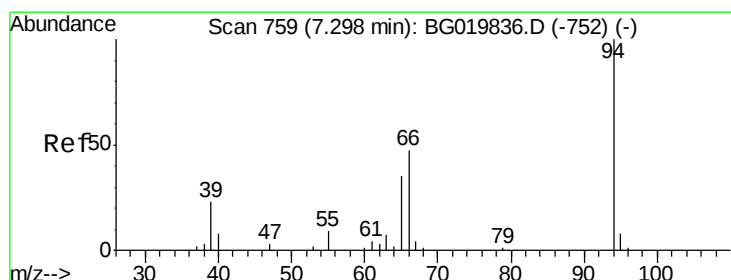
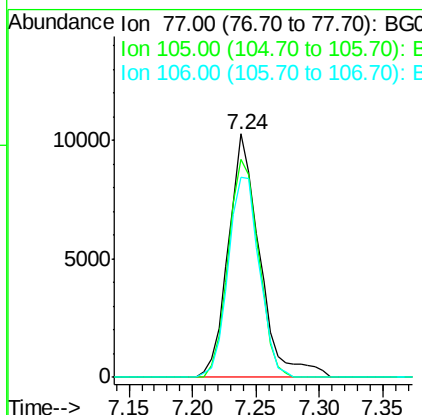
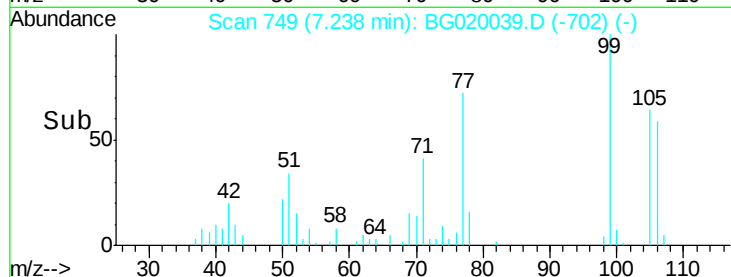
PB87142BS



Tgt Ion:	77	Resp:	17598
Ion	Ratio	Lower	Upper
77	100		
105	89.3	77.7	117.7
106	82.4	75.8	115.8

Manual Integrations
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#10

Phenol

Concen: 45.38 ng

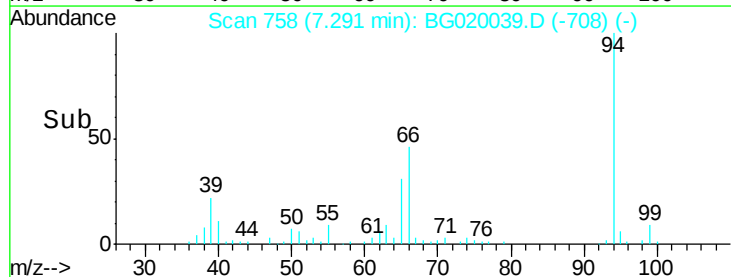
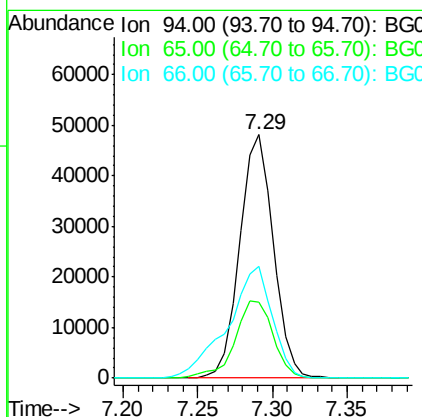
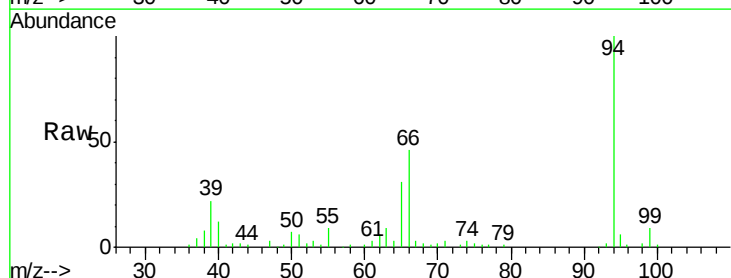
RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Tgt Ion:	94	Resp:	75061
Ion	Ratio	Lower	Upper
94	100		
65	31.3	5.4	45.4
66	45.7	11.8	51.8





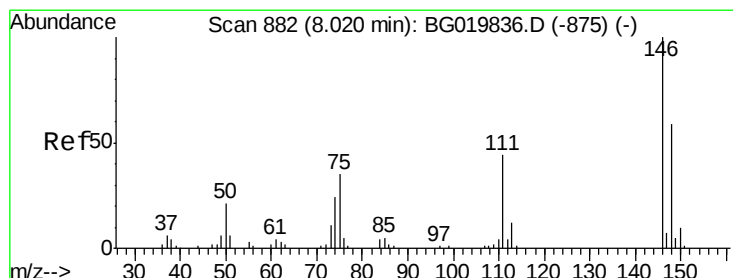
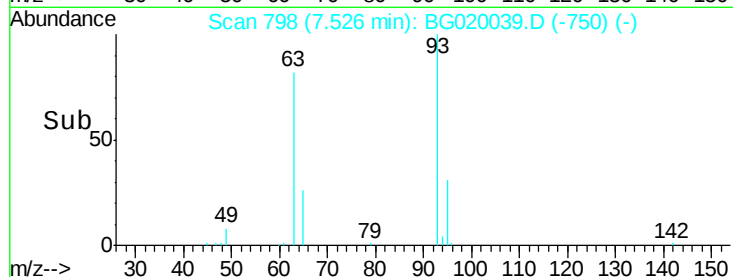
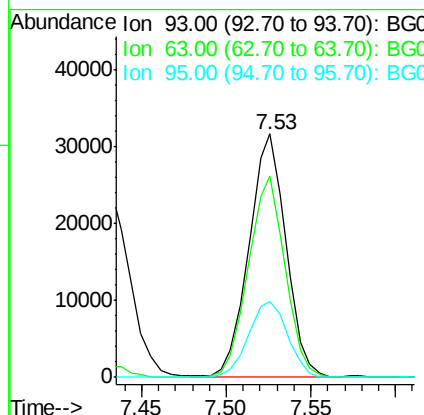
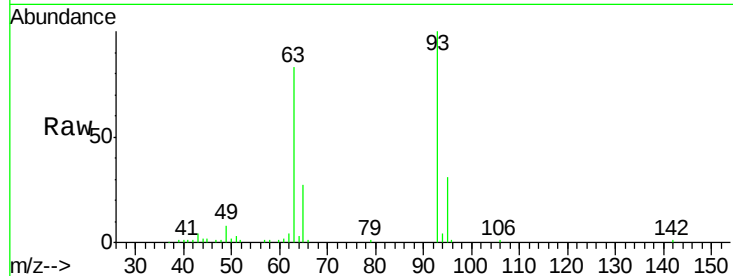
#11
bis(2-Chloroethyl)ether
Concen: 39.49 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.7	50.5	90.5
95	31.2	12.2	52.2

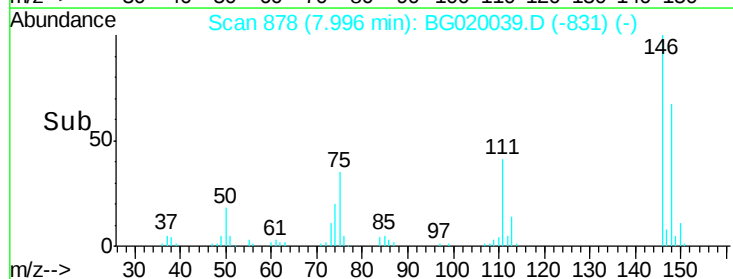
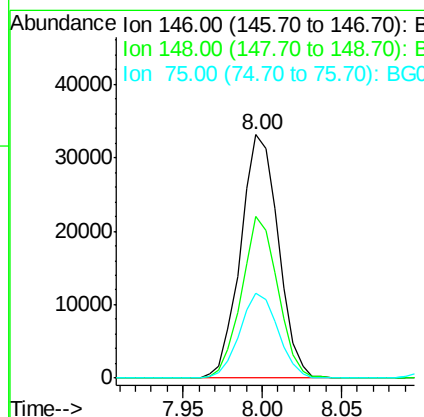
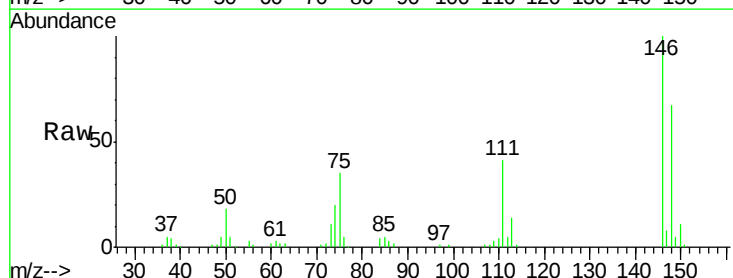
Manual Integrations
APPROVED

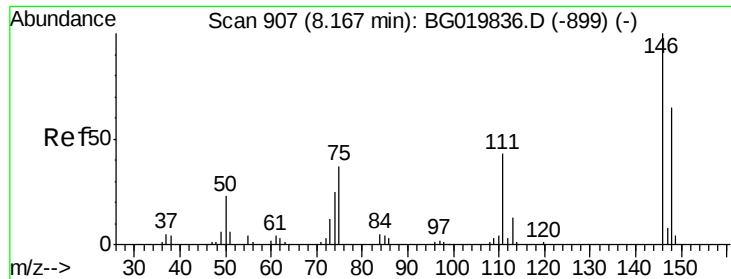
Mmdadoda
12/9/2015 6:14:24 PM



#12
1,3-Dichlorobenzene
Concen: 38.03 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.4	80.0
75	34.7	21.1	31.7





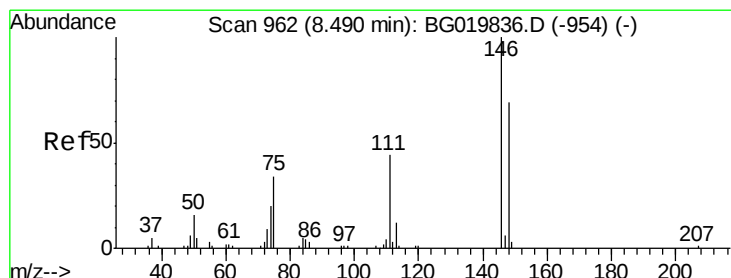
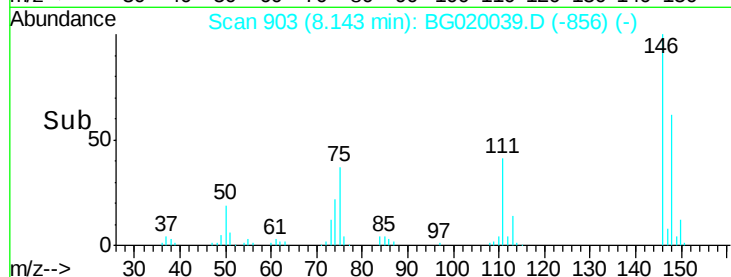
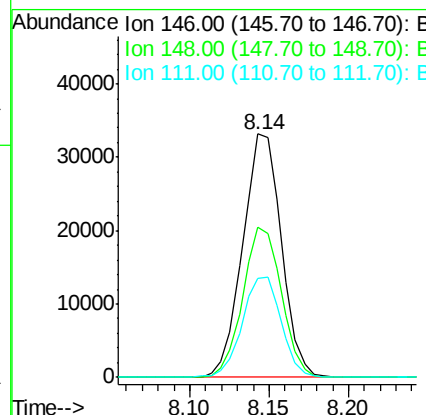
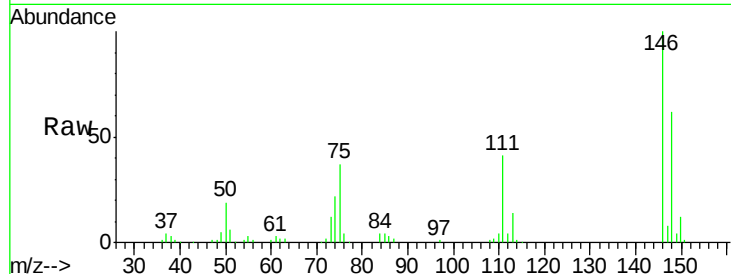
#13
 1,4-Dichlorobenzene
 Concen: 37.69 ng
 RT: 8.14 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.5	78.7
111	40.6	28.3	42.5

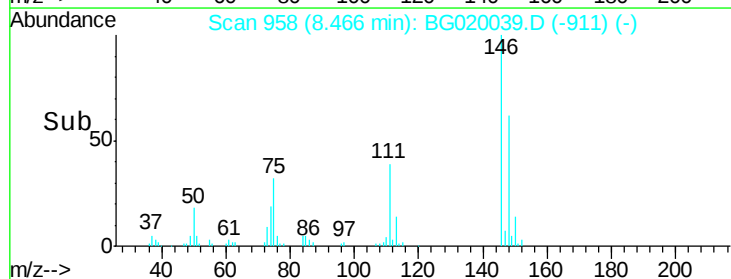
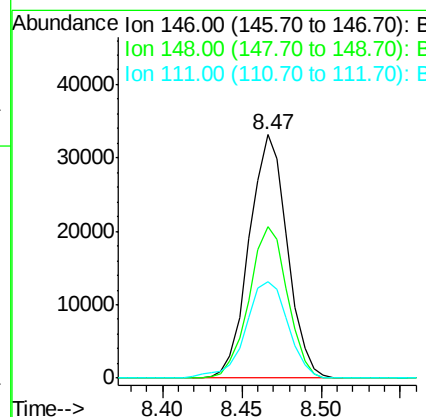
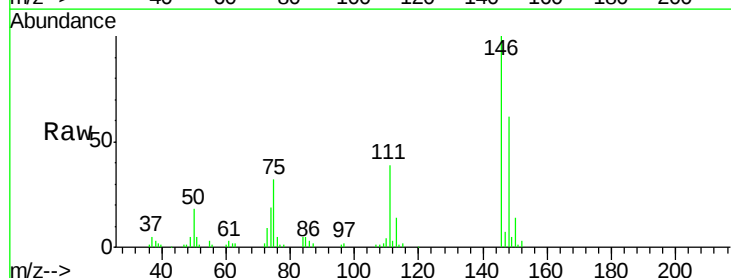
Manual Integrations
 APPROVED

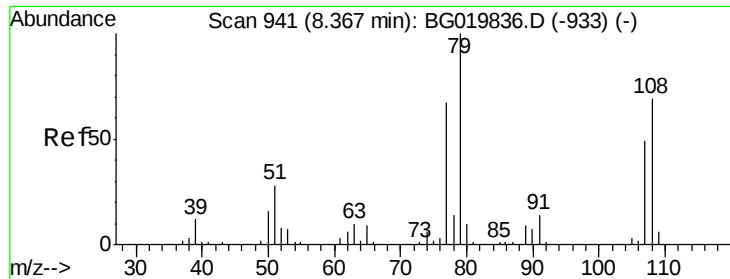
Mmdadoda
 12/9/2015 6:14:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.01 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.5	78.7
111	39.4	29.9	44.9





#15

Benzyl Alcohol

Concen: 40.56 ng

RT: 8.34 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

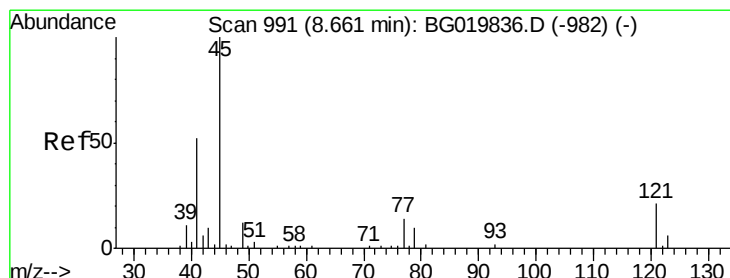
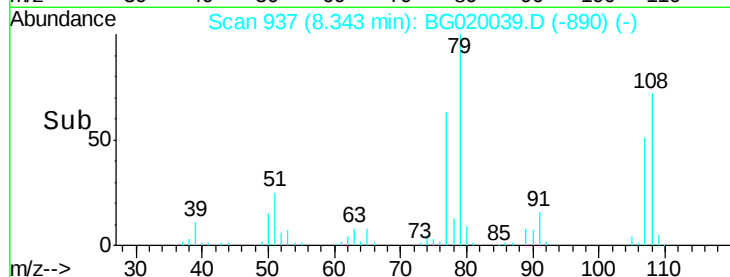
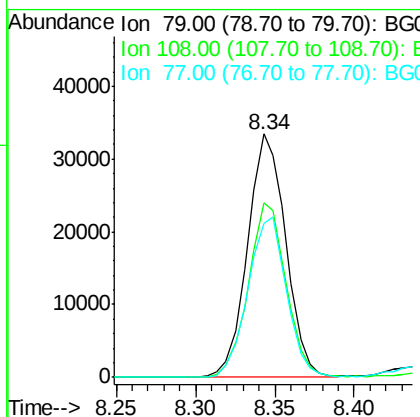
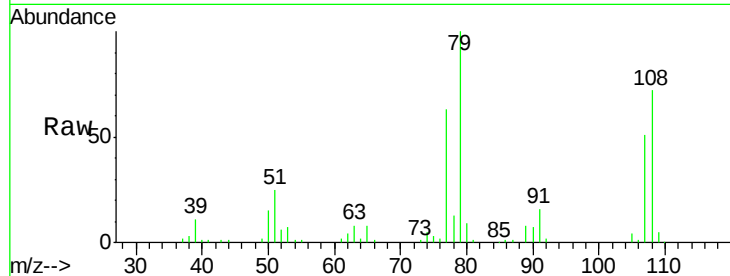
ClientSampleId :

PB87142BS

Tgt Ion:	79	Resp:	55939
Ion Ratio	Lower	Upper	
79	100		
108	71.7	65.5	98.3
77	63.4	51.3	76.9

Manual Integrations
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Mmdadoda
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.77 ng

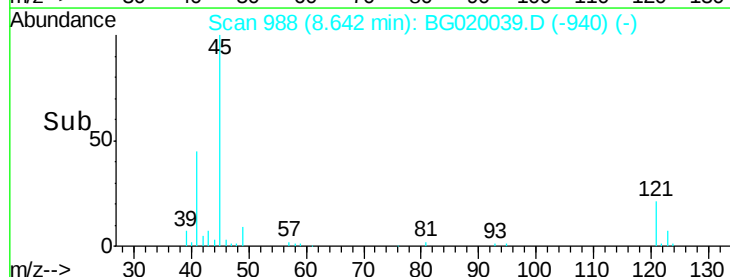
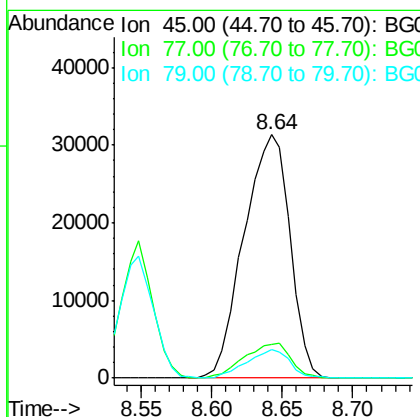
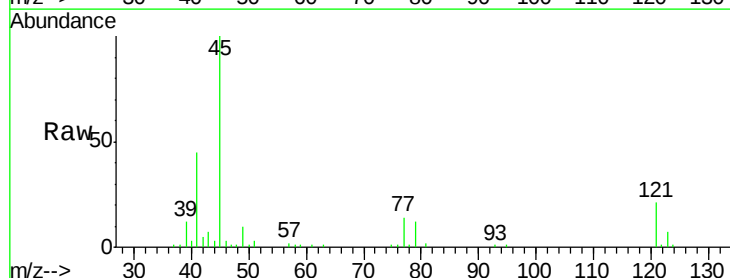
RT: 8.64 min Scan# 988

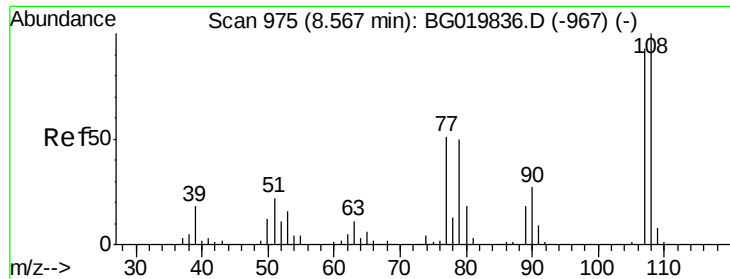
Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

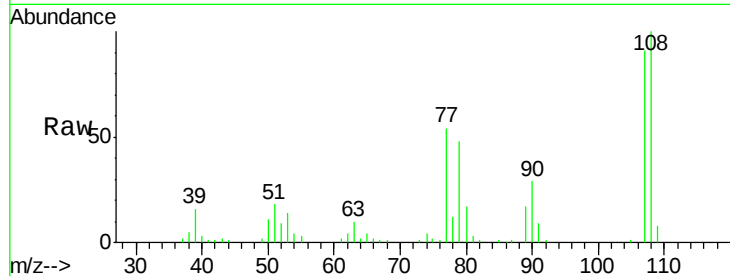
Tgt Ion:	45	Resp:	71462
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	37.0
79	11.7	0.0	33.8





#17
2-Methylphenol
Concen: 43.65 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

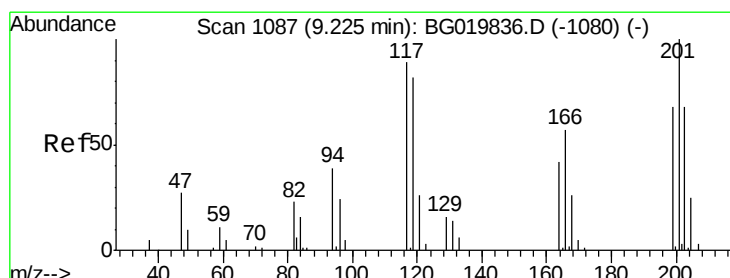
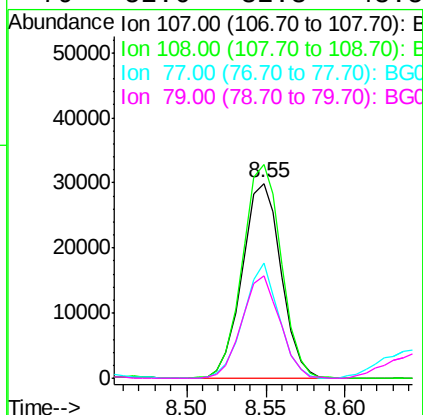
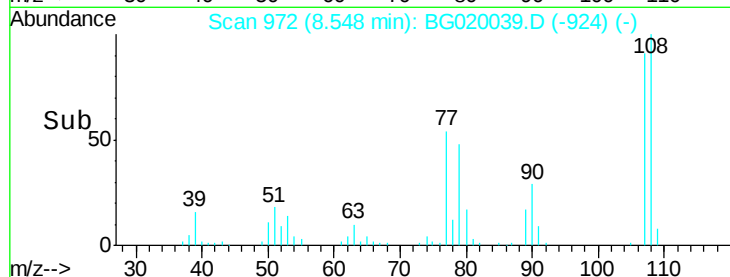
Instrument :
BNA_G
ClientSampleId :
PB87142BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	109.7	86.5	129.7
77	59.2	34.6	51.8
79	52.6	32.3	48.5

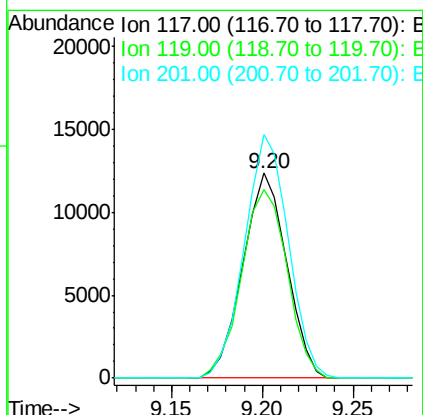
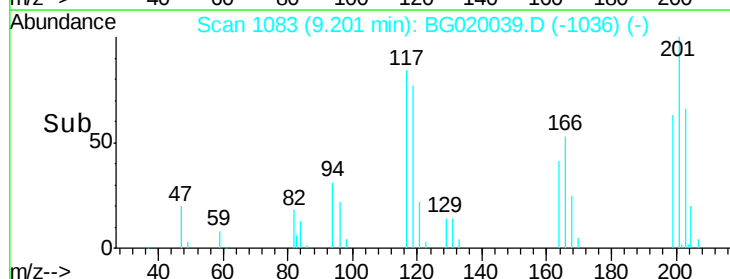
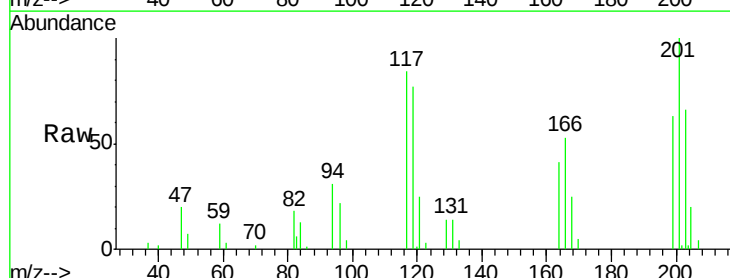
Manual Integrations
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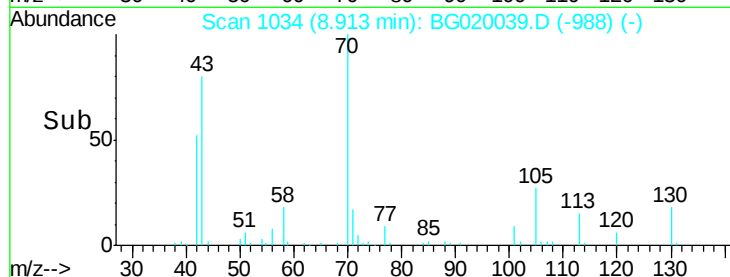
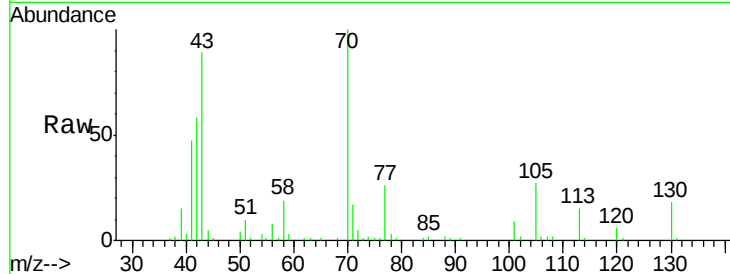
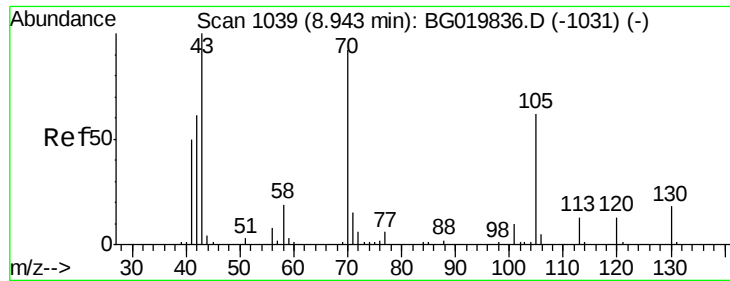
Mmdadoda
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#18
Hexachloroethane
Concen: 37.35 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	92.0	71.7	107.5
201	119.0	90.9	136.3





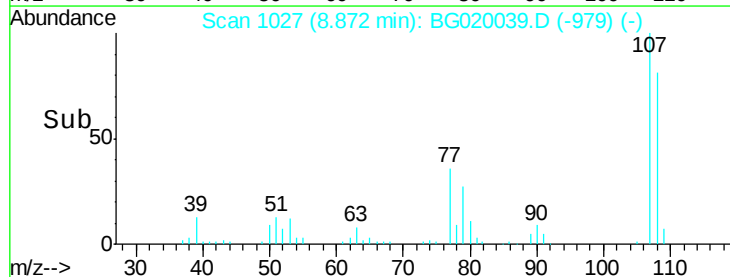
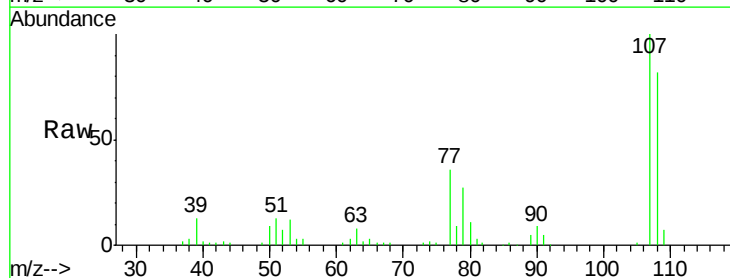
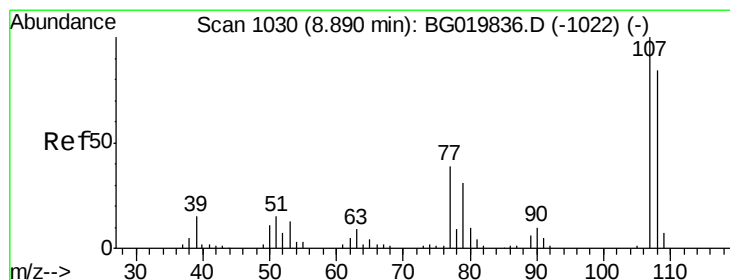
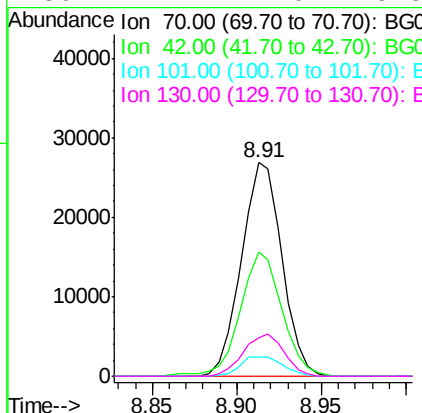
#19
n-Nitroso-di-n-propylamine
Concen: 36.16 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Manual Integrations
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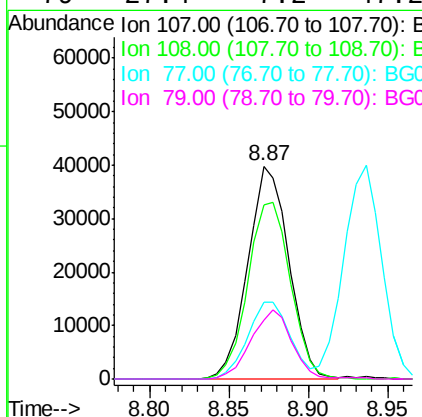
Mmdadoda
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.2	40.6	60.8
101	9.2	8.6	13.0
130	17.7	17.0	25.6



#20
3+4-Methylphenols
Concen: 43.52 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.6	72.2	112.2
77	36.0	13.4	53.4
79	27.4	7.2	47.2





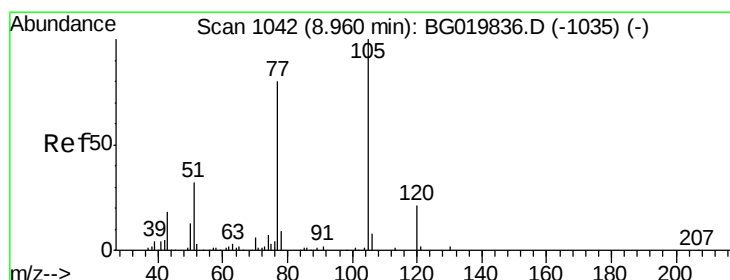
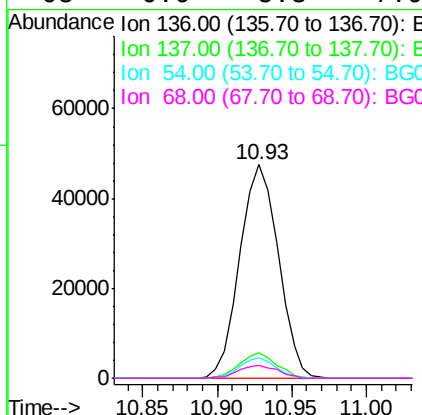
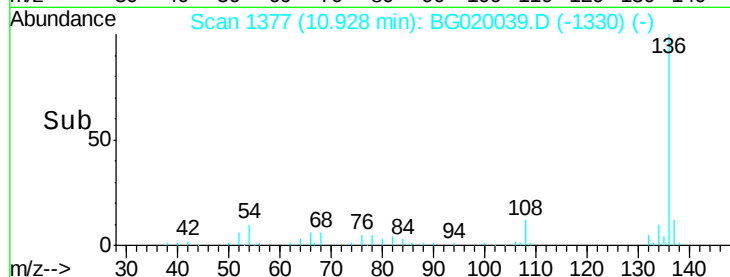
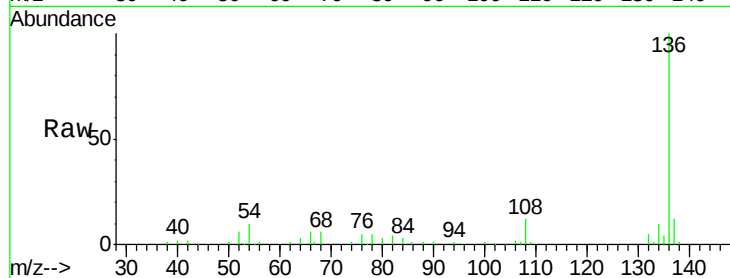
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	12.2	8.6	12.8
54	9.9	5.4	8.2
68	6.0	5.3	7.9

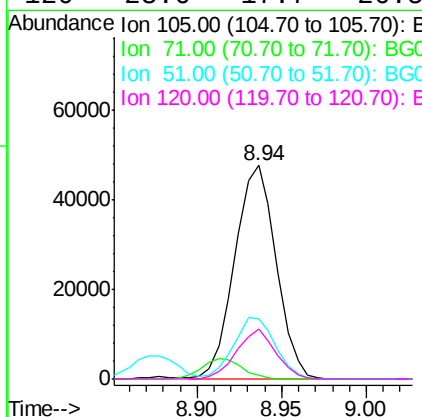
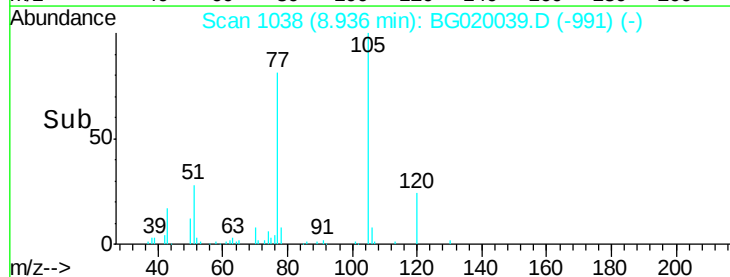
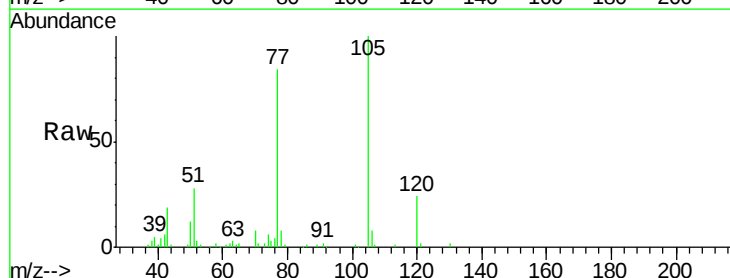
Manual Integrations
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#22
Acetophenone
Concen: 34.70 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	1.6	2.1	3.1
51	28.4	17.8	26.8
120	23.6	17.7	26.5





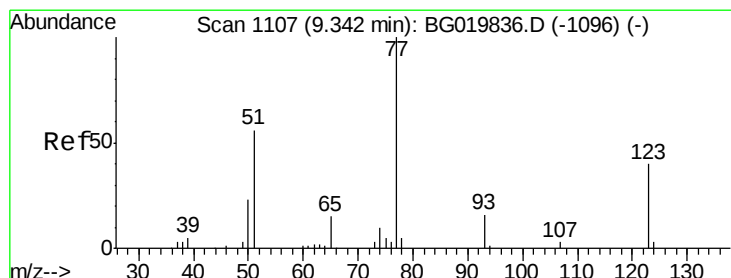
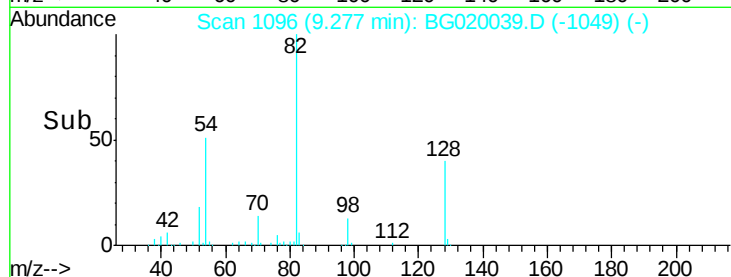
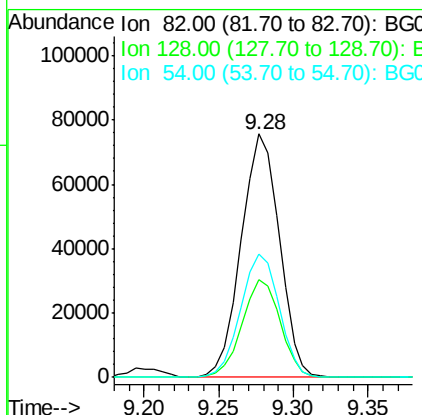
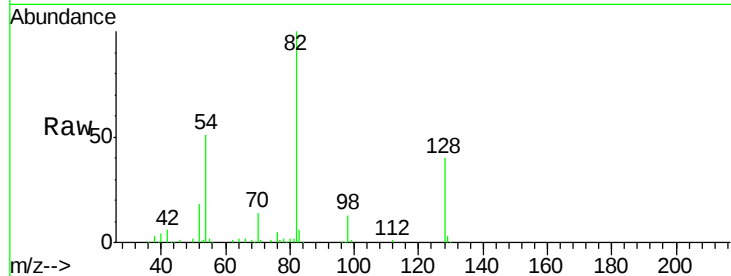
#23
Nitrobenzene-d5
Concen: 80.04 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	36.7	55.1
54	50.9	33.8	50.8

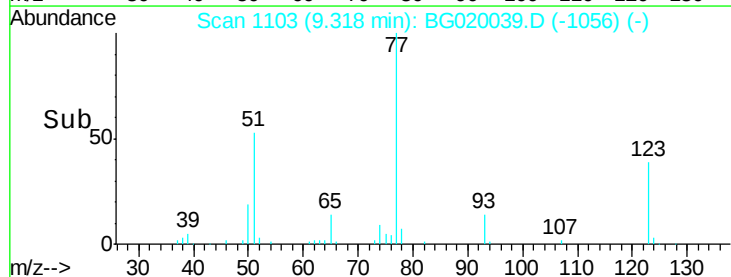
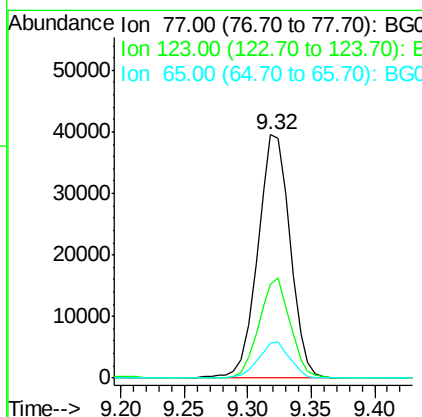
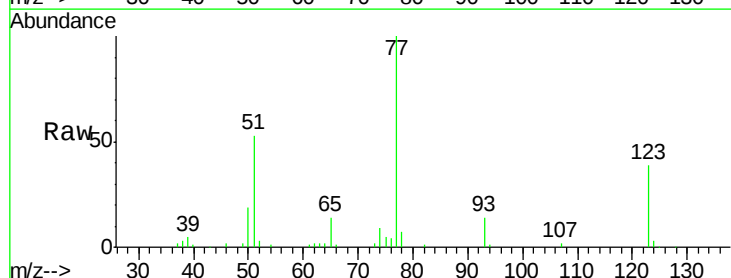
Manual Integrations
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#24
Nitrobenzene
Concen: 38.67 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	38.2	57.2
65	14.3	10.6	16.0





#25

Isophorone

Concen: 34.06 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

ClientSampleId :

PB87142BS

Tgt Ion: 82 Resp: 122288

Ion Ratio Lower Upper

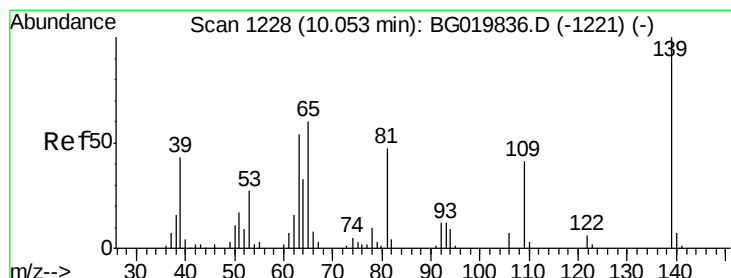
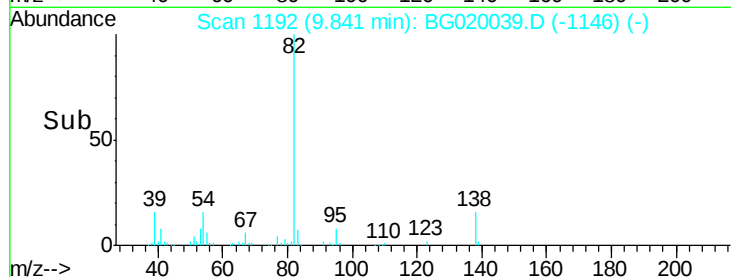
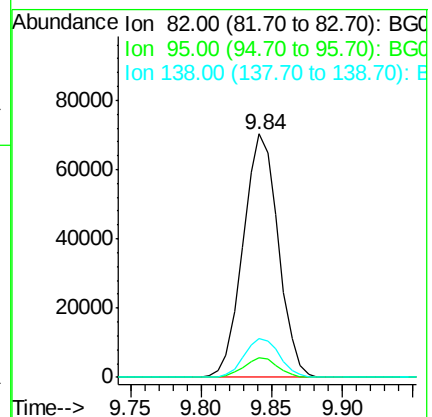
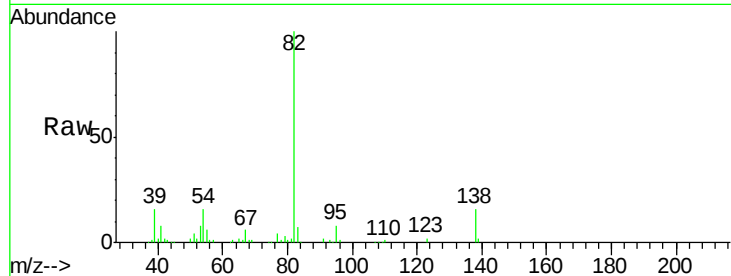
82 100

95 7.8 5.2 7.8#

138 15.9 14.4 21.6

Manual Integrations
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12/9/2015 6:14:24 PM



#26

2-Nitrophenol

Concen: 44.54 ng

RT: 10.03 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

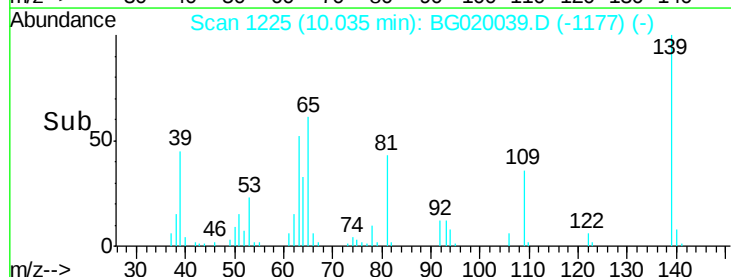
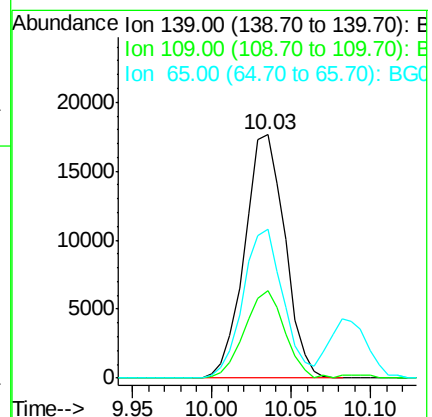
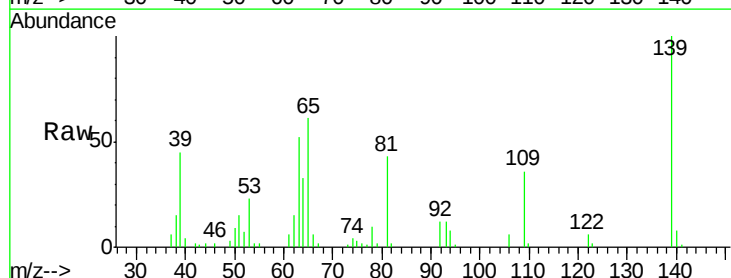
Tgt Ion: 139 Resp: 31248

Ion Ratio Lower Upper

139 100

109 36.0 20.1 30.1#

65 61.2 34.1 51.1#





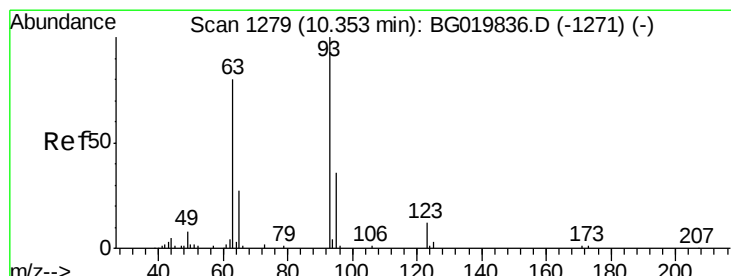
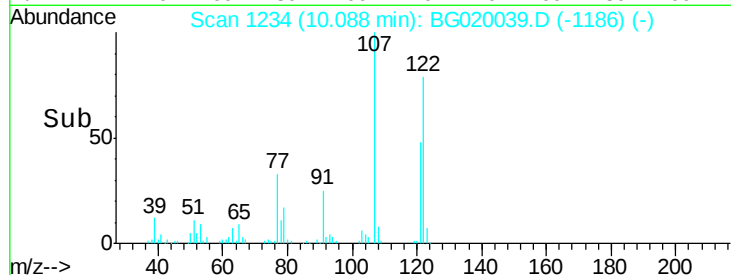
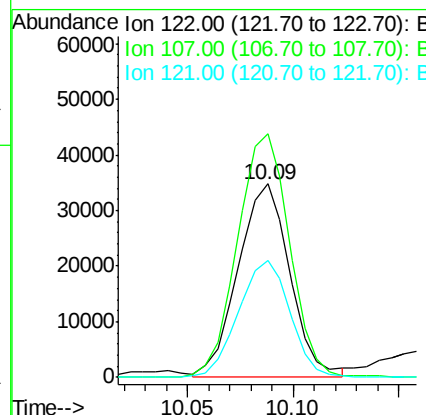
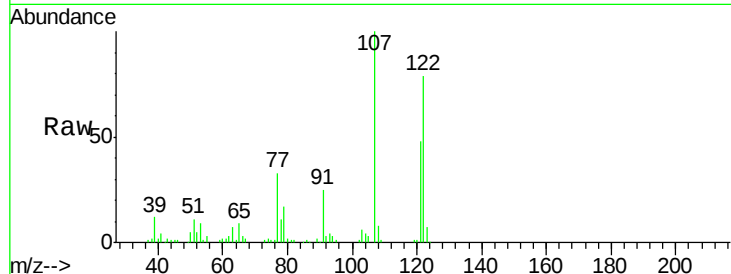
#27
 2,4-Dimethylphenol
 Concen: 40.25 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	58809		
107	126.0	91.6	137.4	
121	60.2	47.3	70.9	

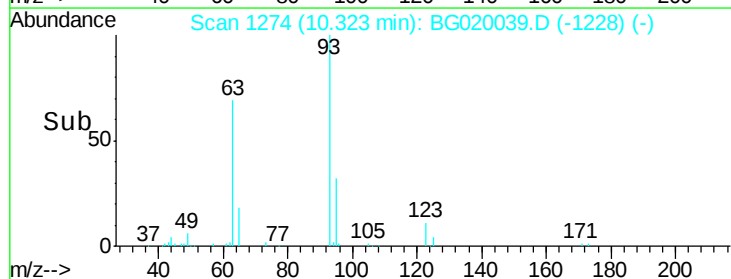
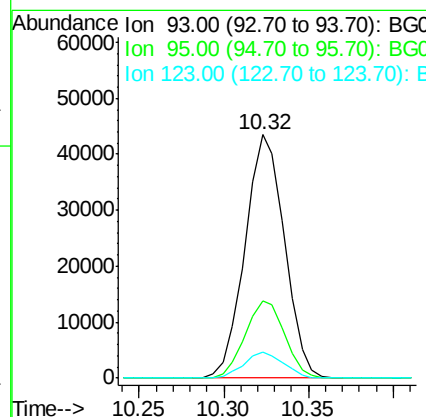
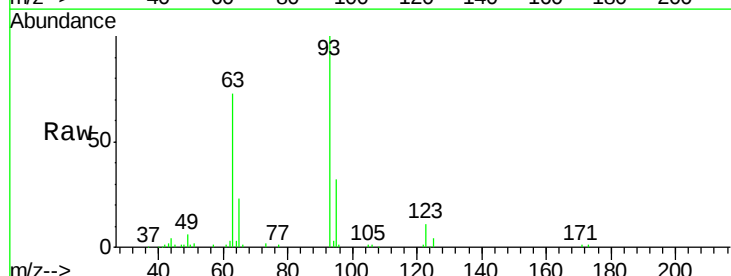
Manual Integrations
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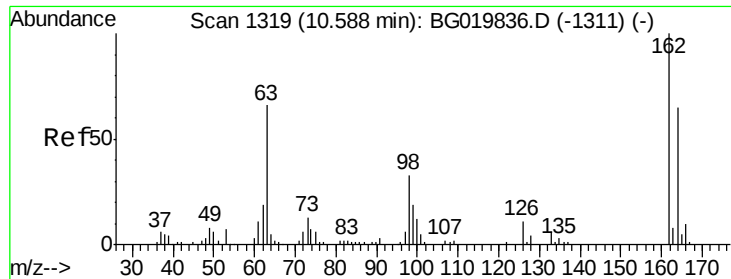
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.29 ng
 RT: 10.32 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	70690		
95	32.0	25.7	38.5	
123	10.7	8.6	12.8	





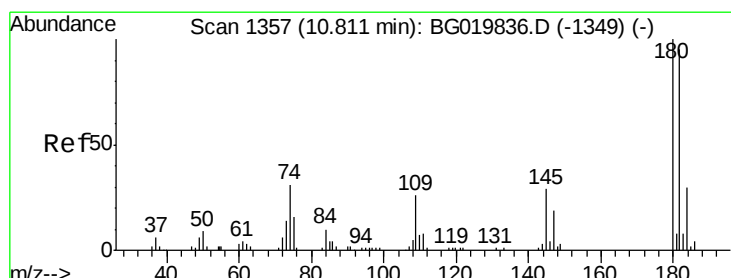
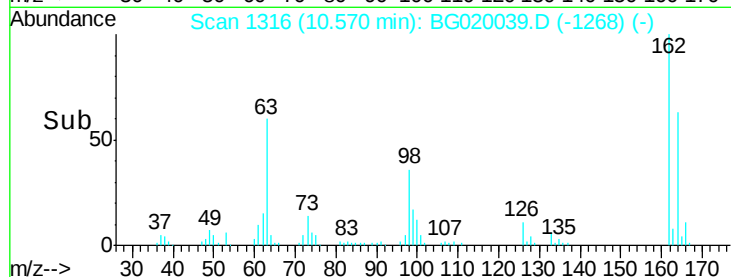
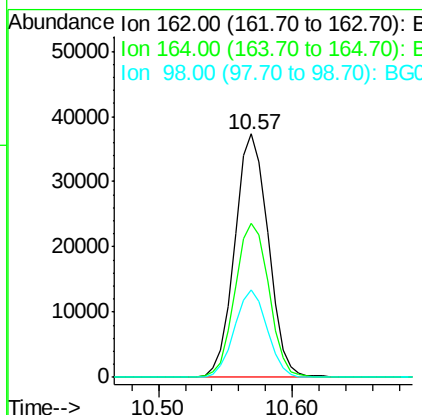
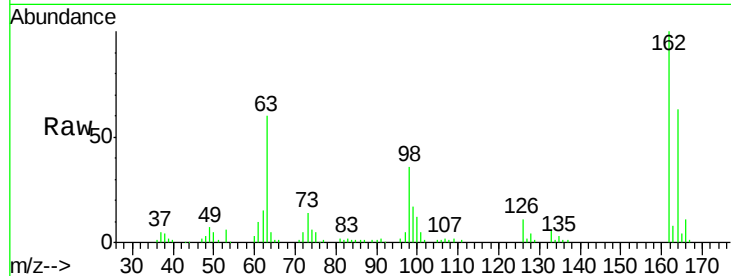
#29
 2,4-Dichlorophenol
 Concen: 43.42 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.2	42.3	82.3
98	35.8	11.5	51.5

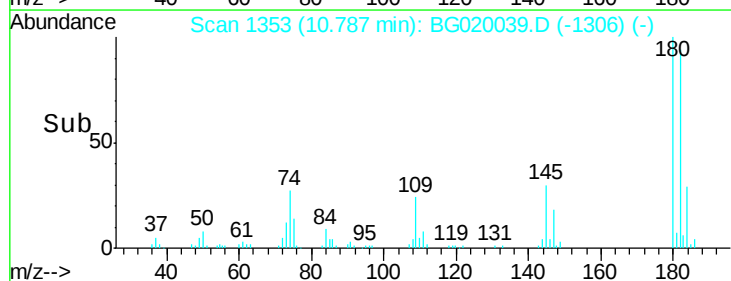
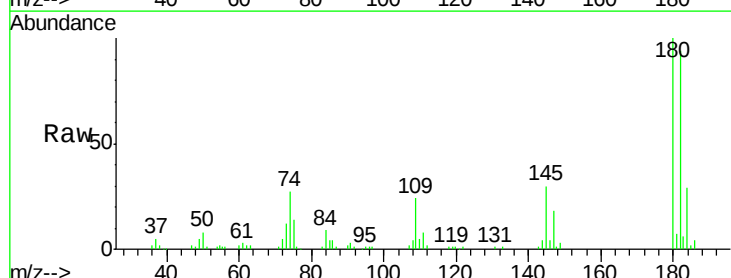
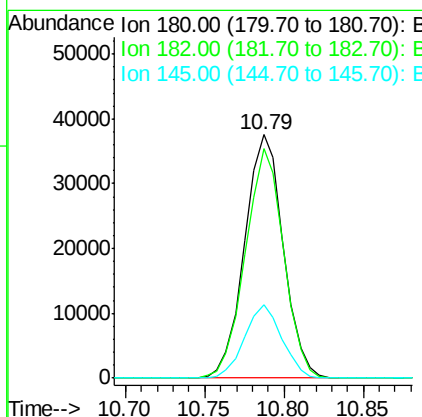
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.58 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	79.7	119.5
145	30.2	22.0	33.0





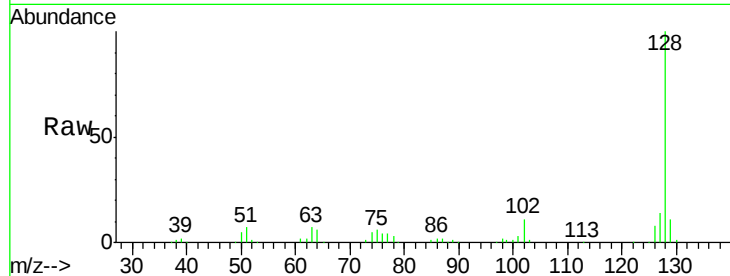
#31
Naphthalene
Concen: 38.06 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

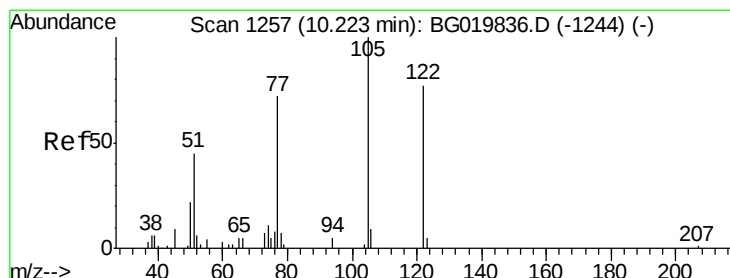
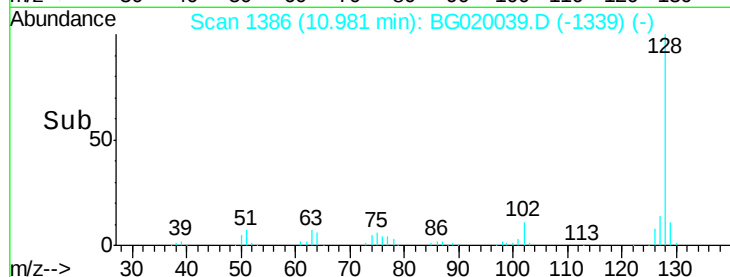
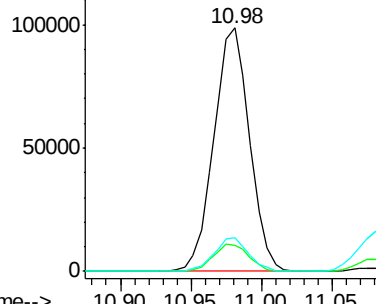
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.6	8.5	12.7
127	13.7	10.6	16.0

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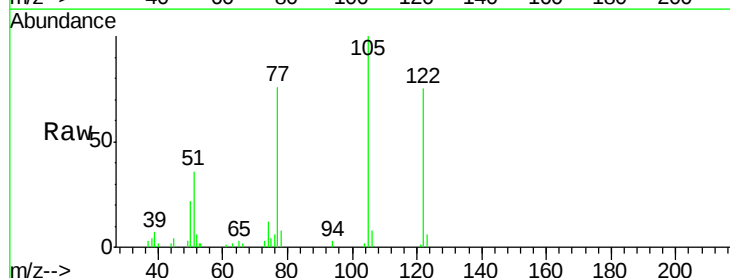


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

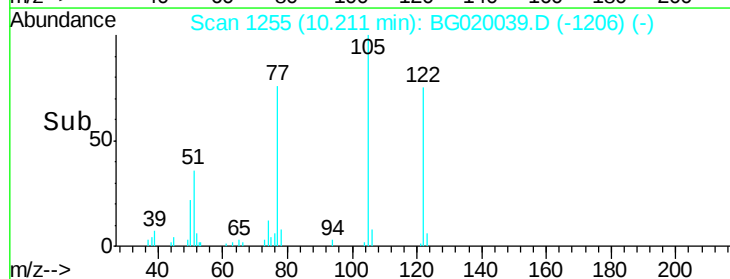
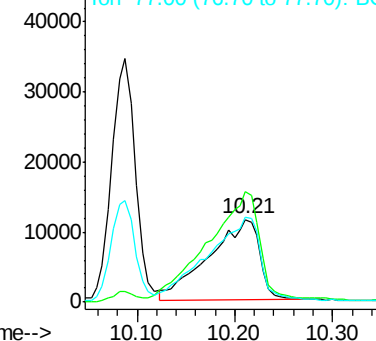


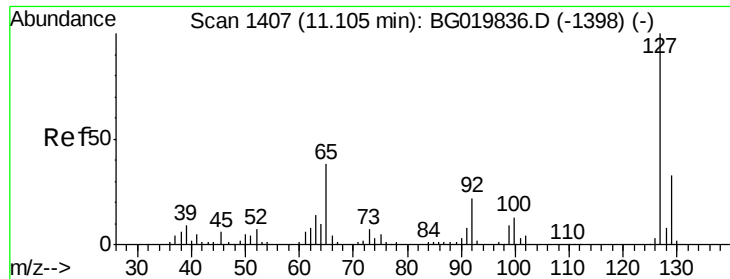
#32
Benzoic acid
Concen: 43.23 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	133.7	103.8	143.8
77	101.8	68.8	108.8



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





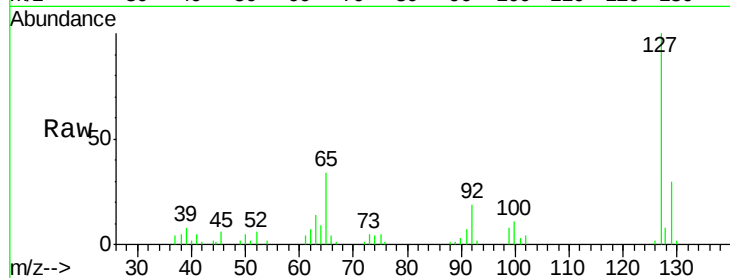
#33
4-Chloroaniline
Concen: 14.73 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

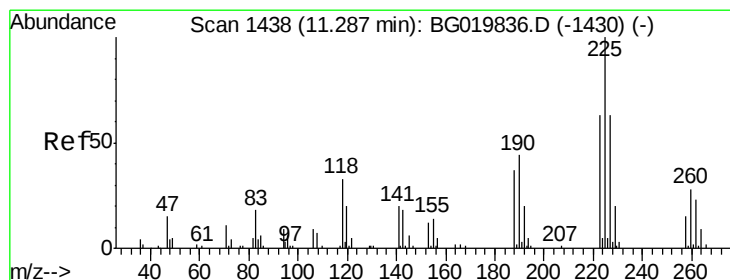
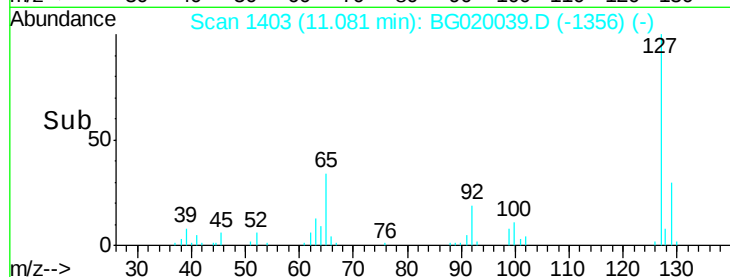
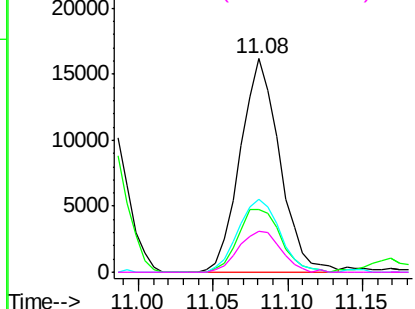
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	29.6	24.6	37.0
65	34.0	22.6	33.8
92	19.1	15.1	22.7

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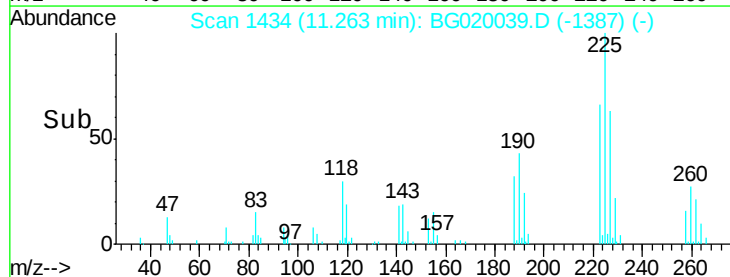
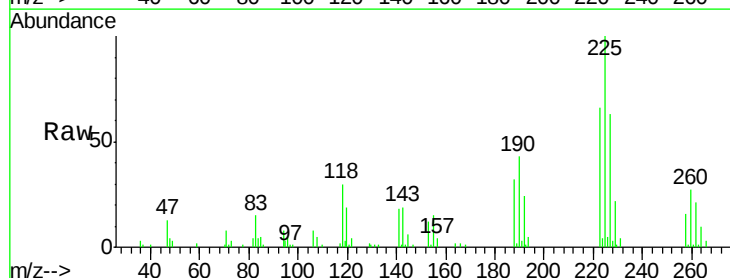
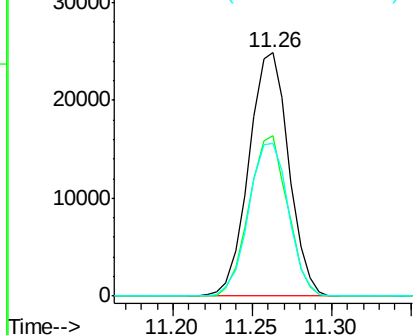
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

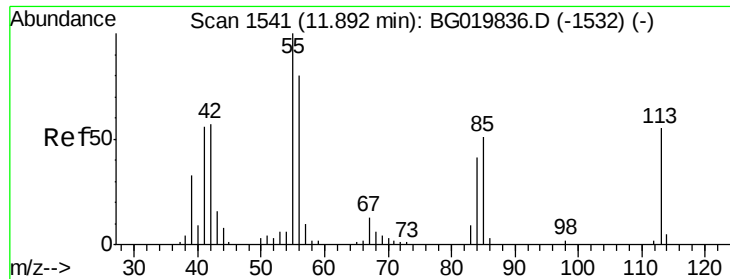


#34
Hexachlorobutadiene
Concen: 34.97 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	66.1	51.0	76.4
227	62.8	51.8	77.8

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: 41.47 ng m

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

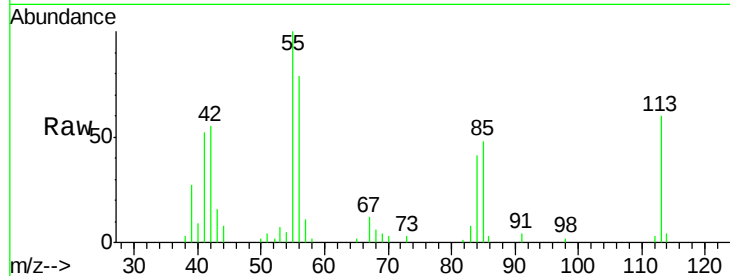
ClientSampleId :

PB87142BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	166.9	135.0	175.0
56	131.2	83.4	123.4

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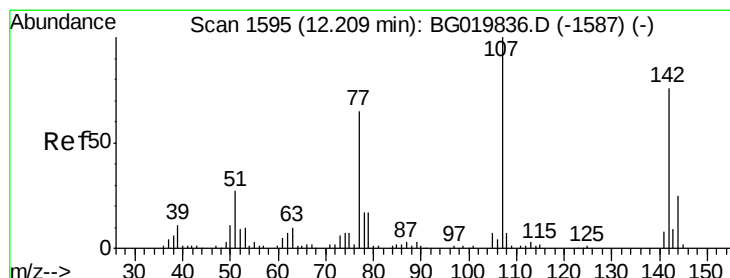
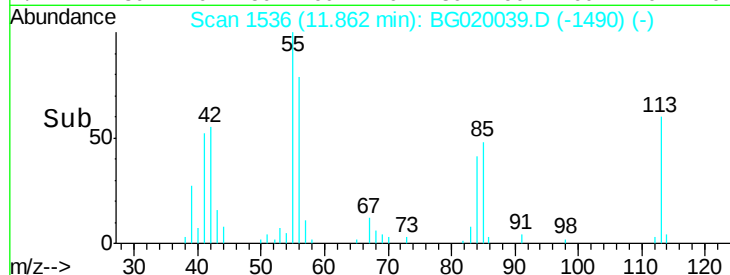
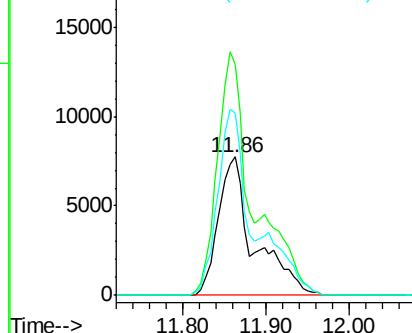
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.42 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG020039.D

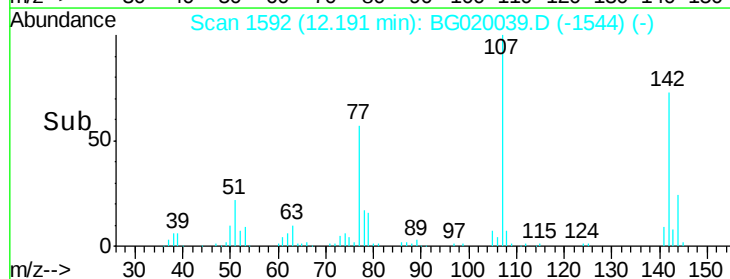
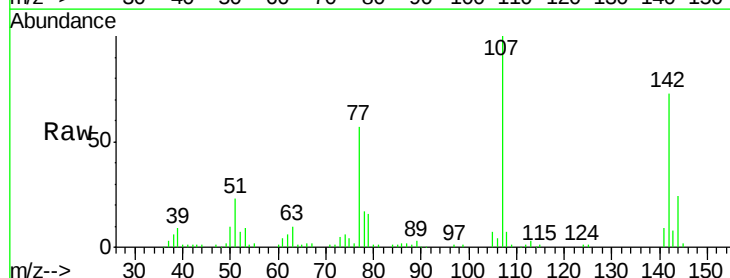
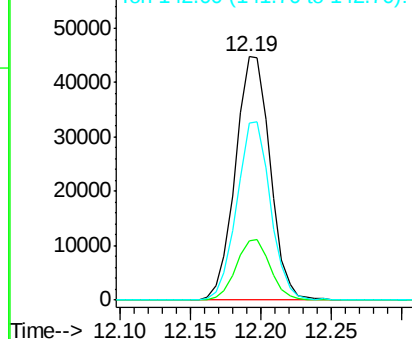
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.6	31.0
142	72.8	62.6	93.8

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





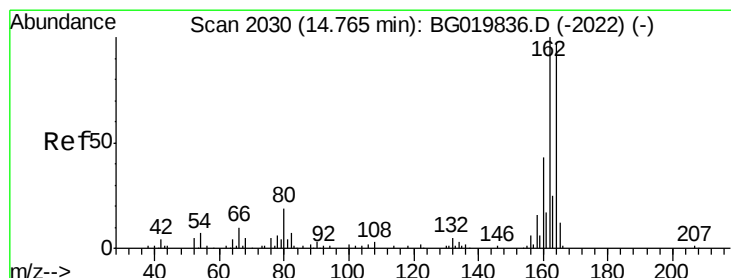
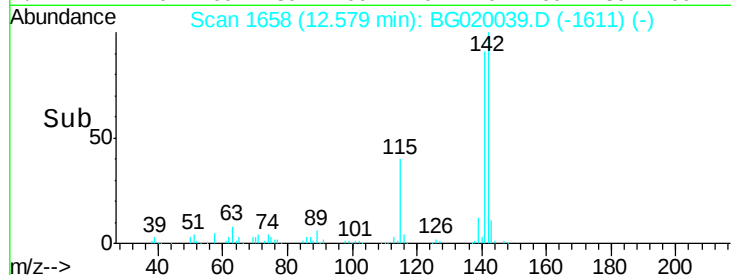
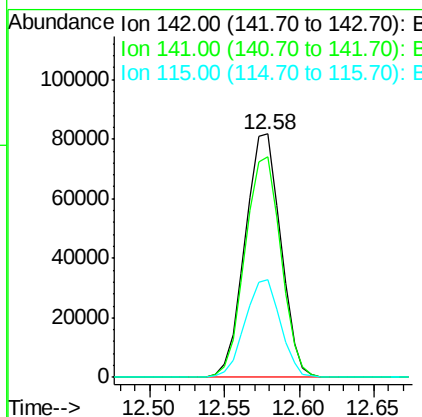
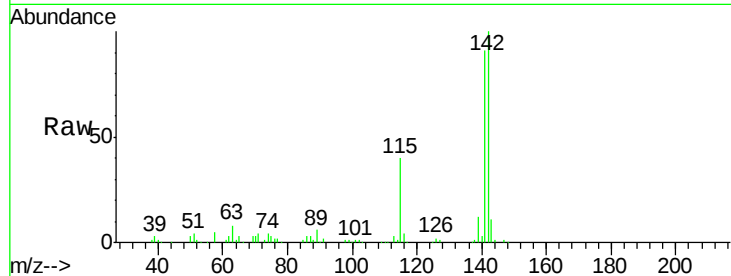
#37
2-Methylnaphthalene
Concen: 40.23 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.6	112.0
115	40.3	27.4	41.0

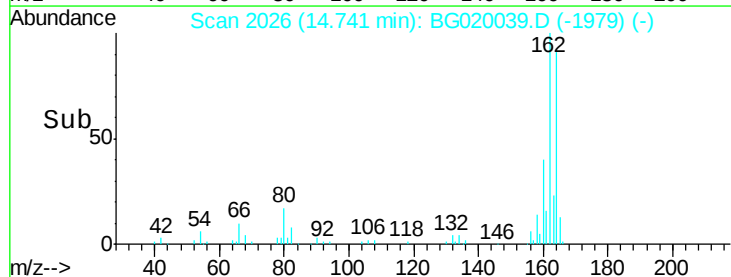
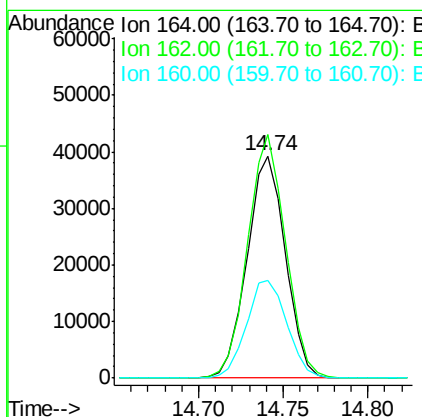
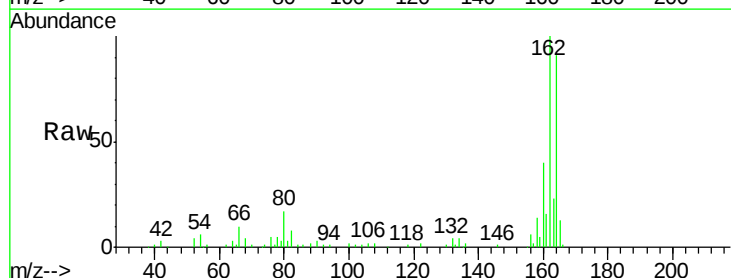
Manual Integrations
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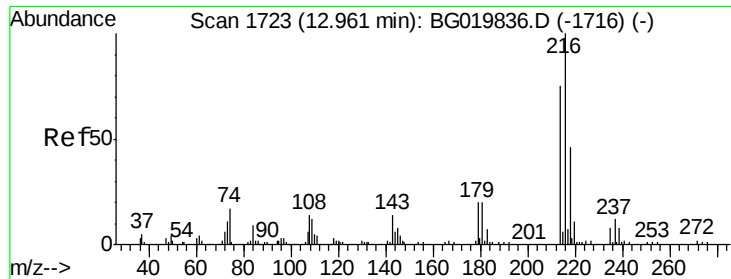
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

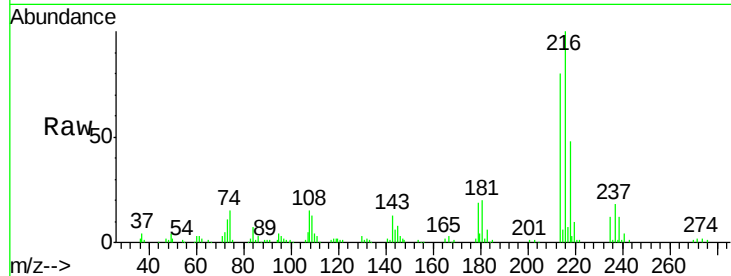
Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.4	78.8	118.2
160	43.9	36.4	54.6





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.80 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

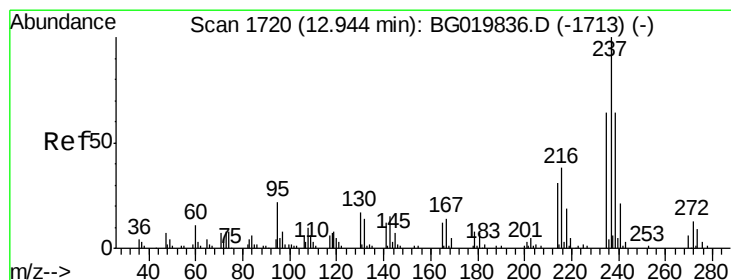
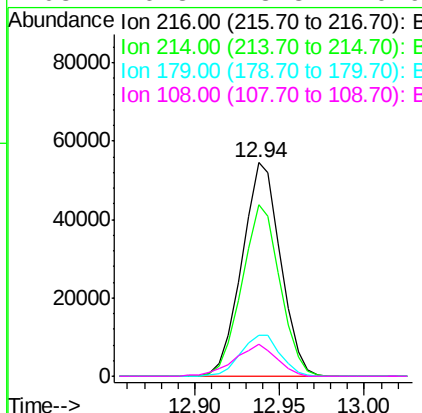
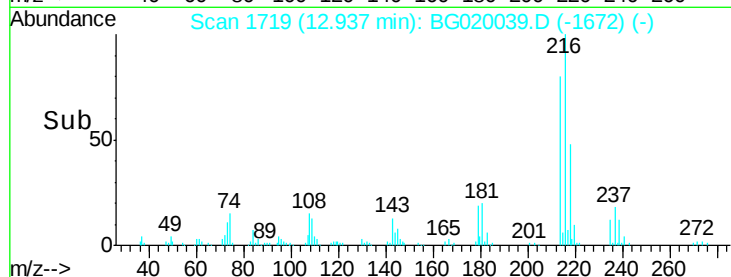
Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.5	93.7
179	19.8	15.6	23.4
108	16.3	13.3	19.9

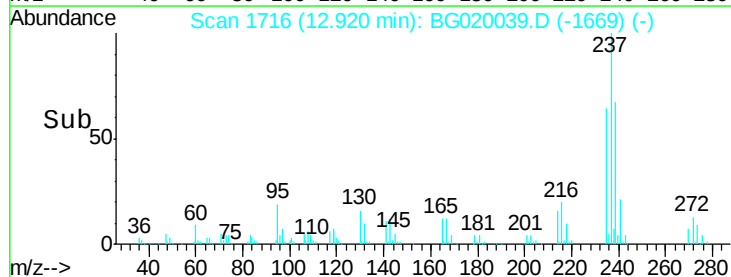
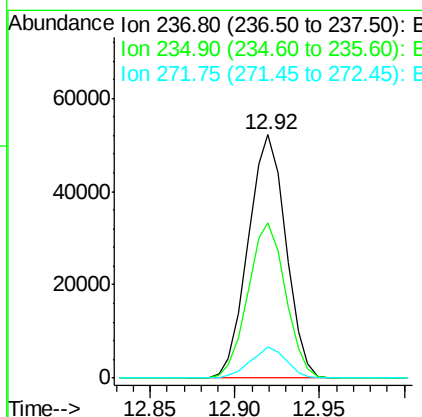
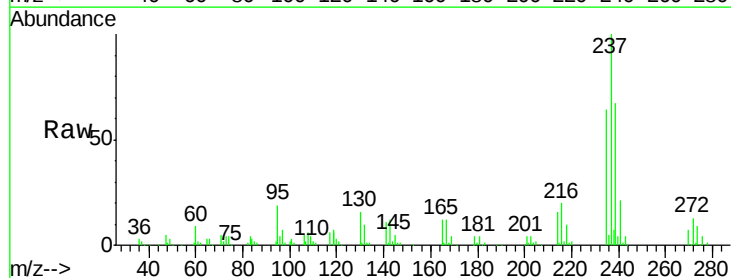
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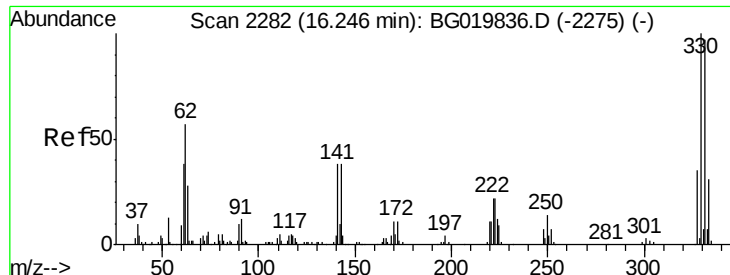
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#40
 Hexachlorocyclopentadiene
 Concen: 60.51 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.6	84.6
272	12.8	0.0	32.8





#41

2,4,6-Tribromophenol

Concen: 122.61 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

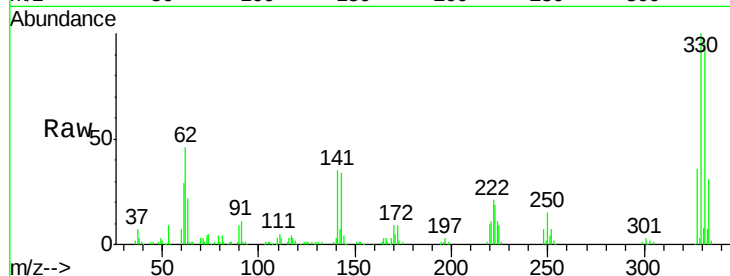
ClientSampleId :

PB87142BS

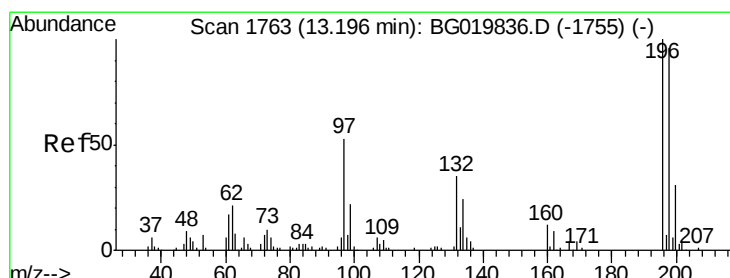
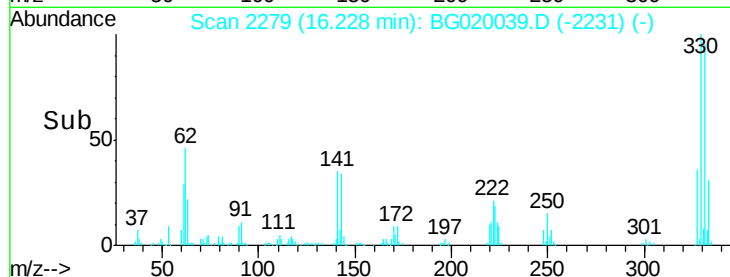
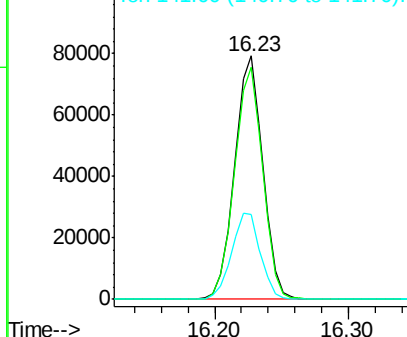
Tgt Ion:	330	Resp:	116075
Ion Ratio	Lower	Upper	
330	100		
332	95.6	78.1	117.1
141	36.5	28.2	42.2

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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



#42

2,4,6-Trichlorophenol

Concen: 39.94 ng

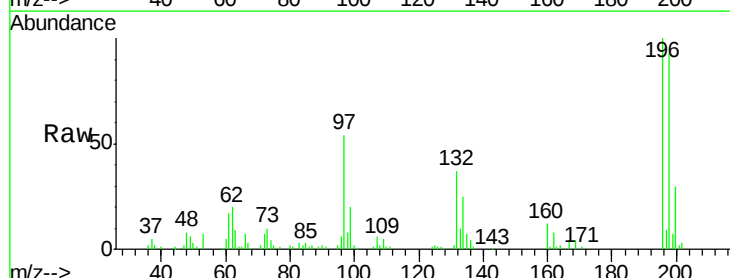
RT: 13.17 min Scan# 1759

Delta R.T. -0.02 min

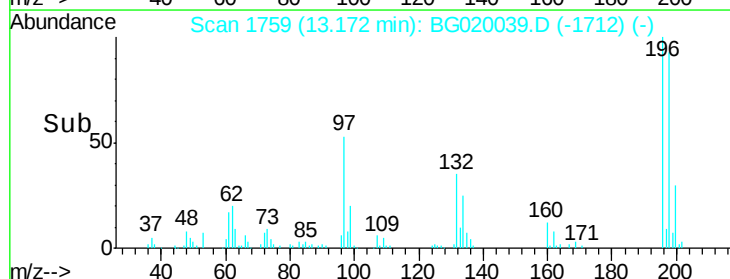
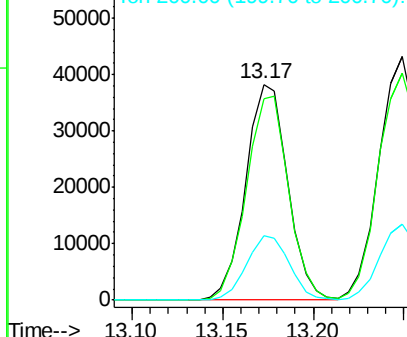
Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Tgt Ion:	196	Resp:	62092
Ion Ratio	Lower	Upper	
196	100		
198	93.4	74.7	112.1
200	29.6	24.1	36.1



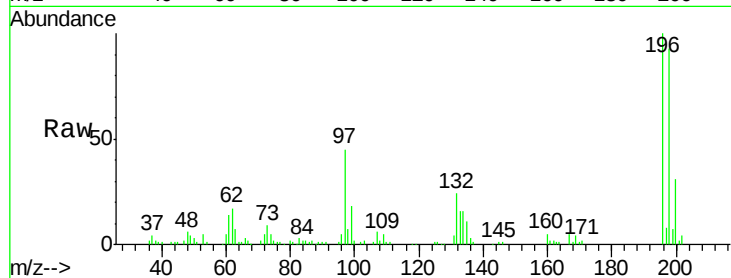
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 42.16 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

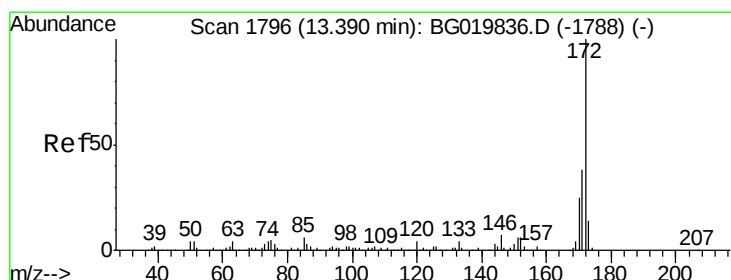
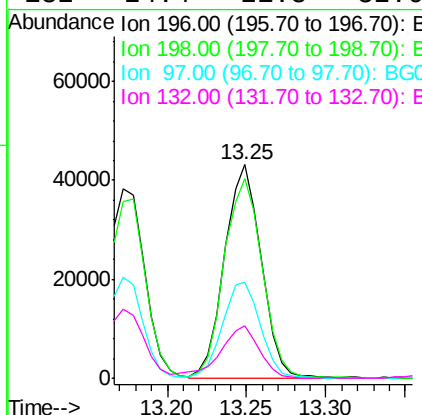
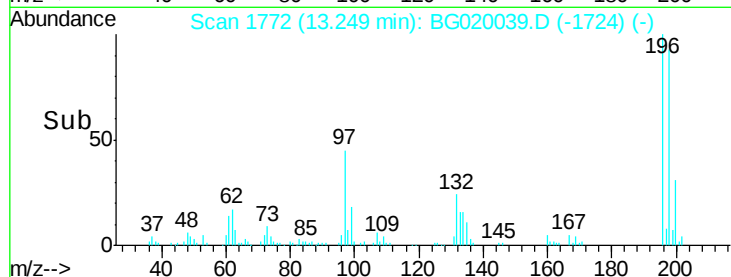
Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS



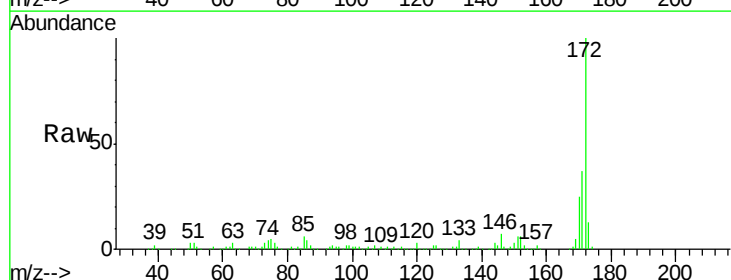
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69266		
198	93.3	75.2	112.8	
97	45.0	34.2	51.2	
132	24.4	21.8	32.6	

Manual Integrations
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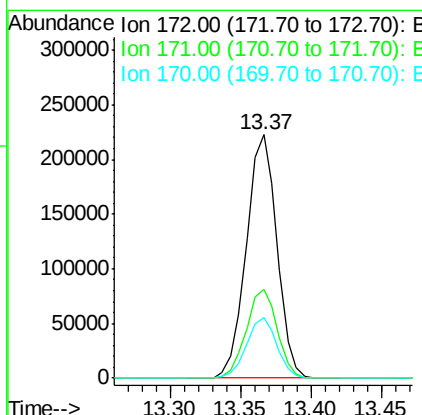
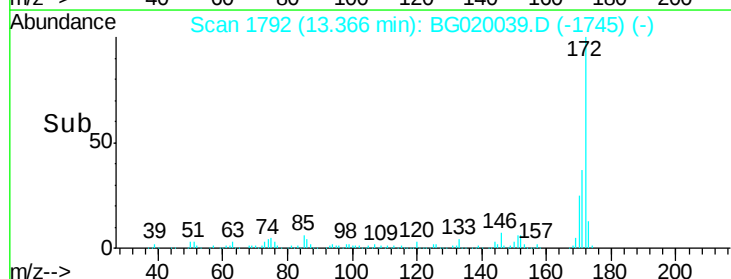
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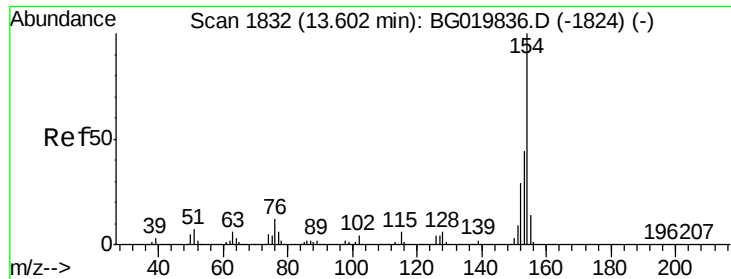


#44
 2-Fluorobiphenyl
 Concen: 74.69 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	338458		
171	36.6	29.0	43.6	
170	24.8	19.9	29.9	





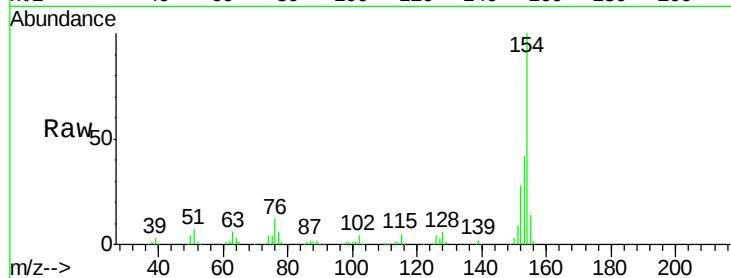
#45
 1,1'-Biphenyl
 Concen: 35.26 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS

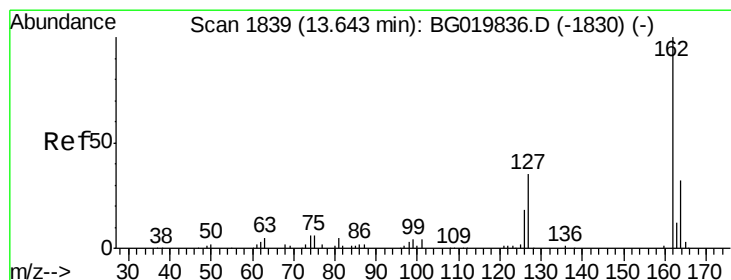
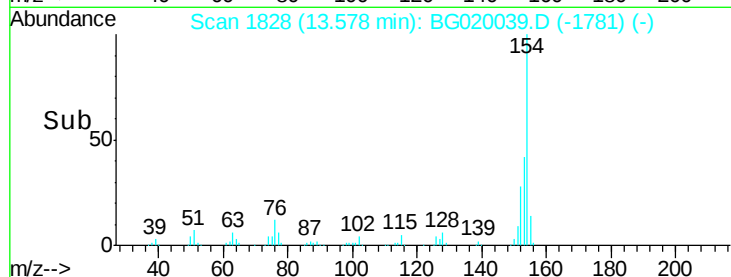
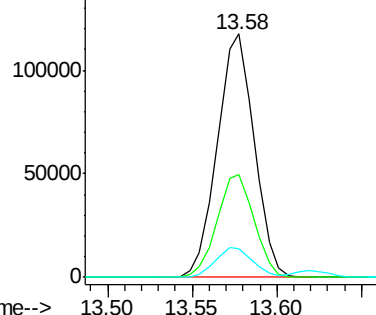
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	179037		
153	42.3	21.9	61.9	
76	11.8	0.0	33.2	

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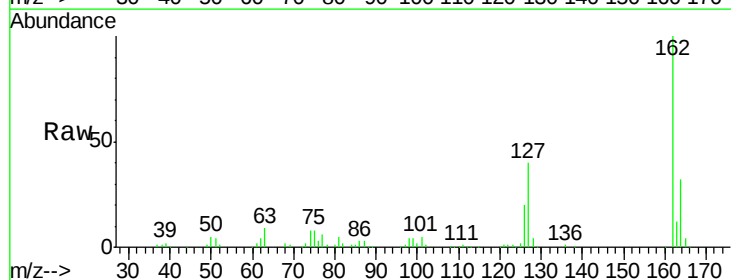


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

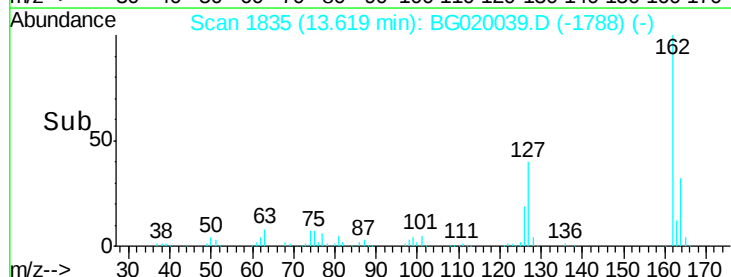
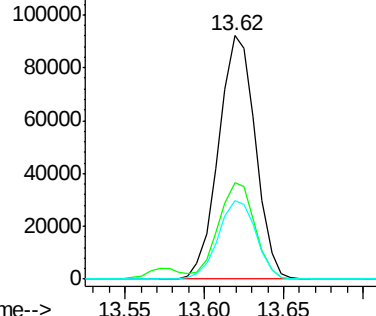


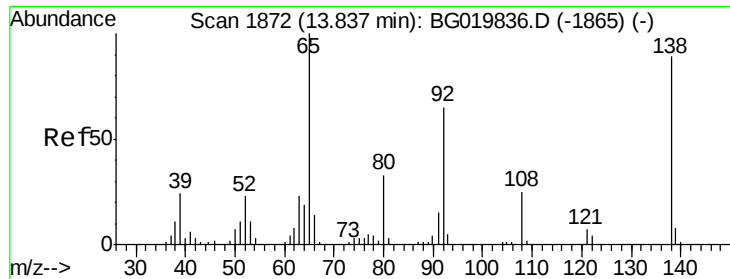
#46
 2-Chloronaphthalene
 Concen: 38.04 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	148876		
127	39.5	28.3	42.5	
164	32.1	27.4	41.0	



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





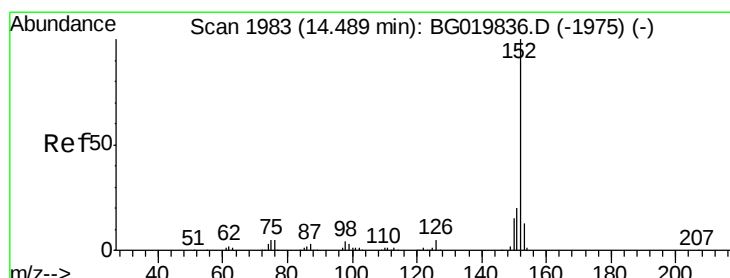
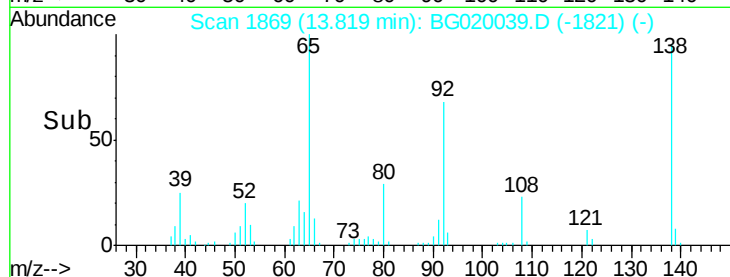
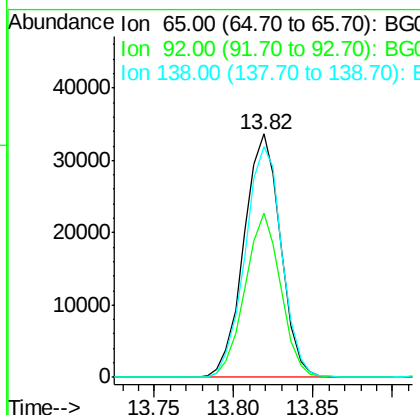
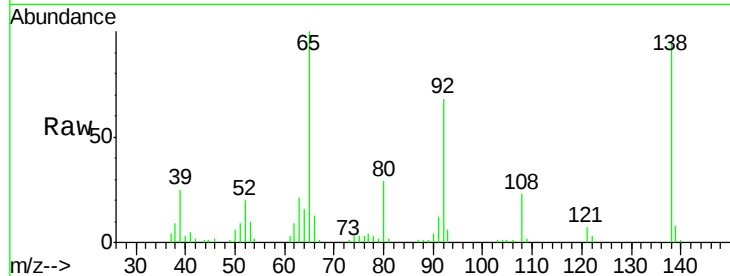
#47
2-Nitroaniline
Concen: 43.75 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	54.8	82.2
138	94.8	89.6	134.4

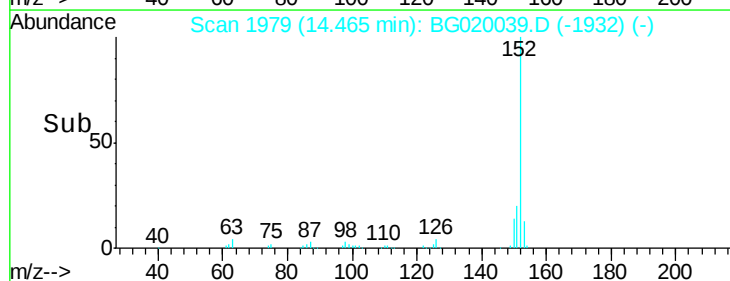
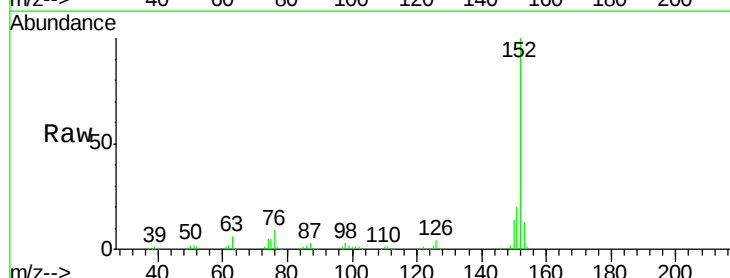
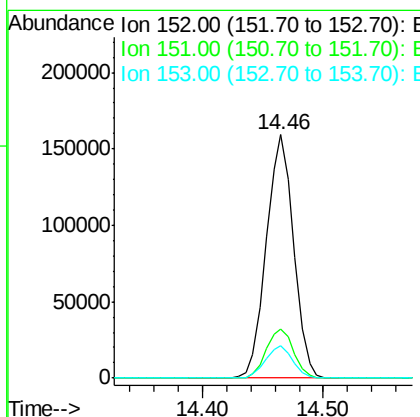
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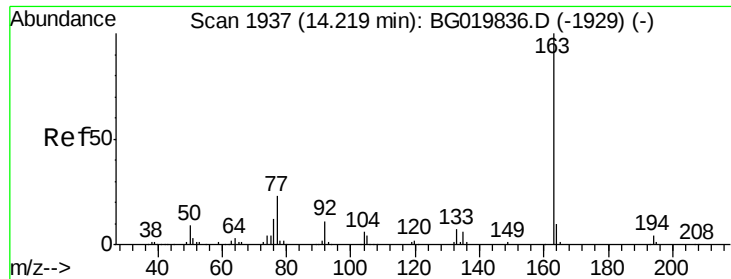
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#48
Acenaphthylene
Concen: 37.54 ng
RT: 14.46 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.0	25.4
153	13.4	10.4	15.6





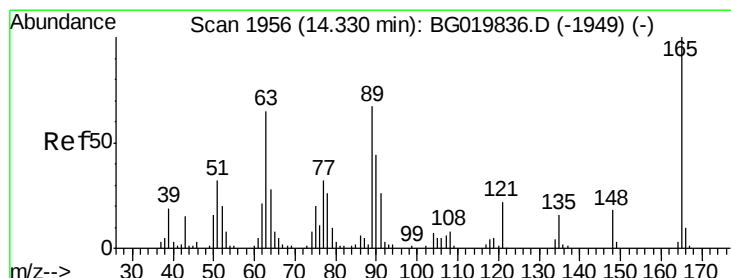
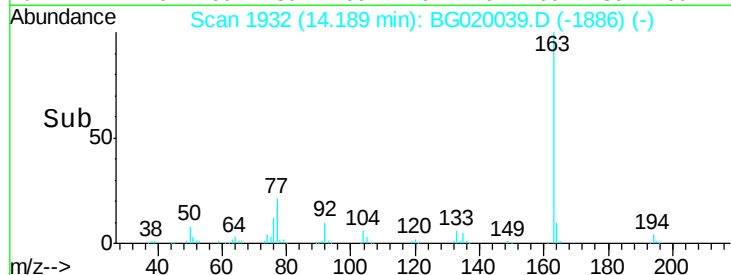
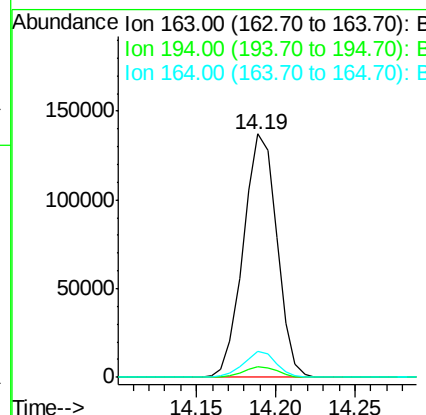
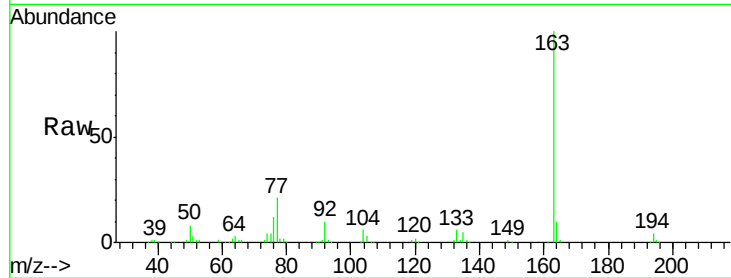
#49
Dimethylphthalate
Concen: 36.22 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.03 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.5	8.8	13.2

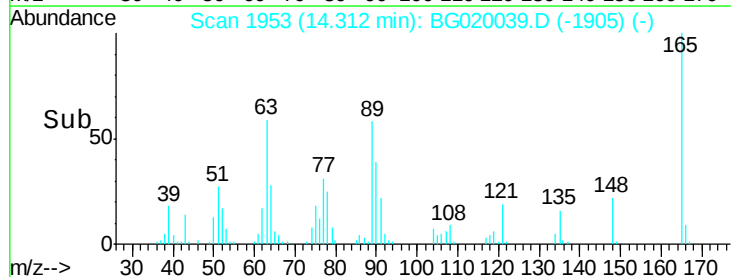
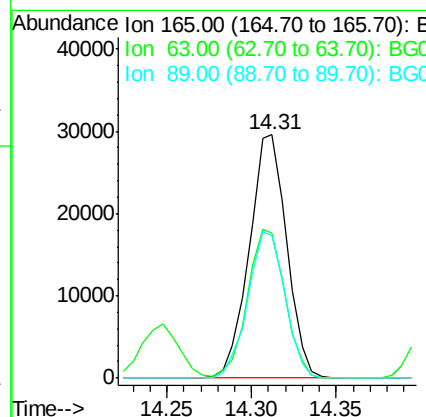
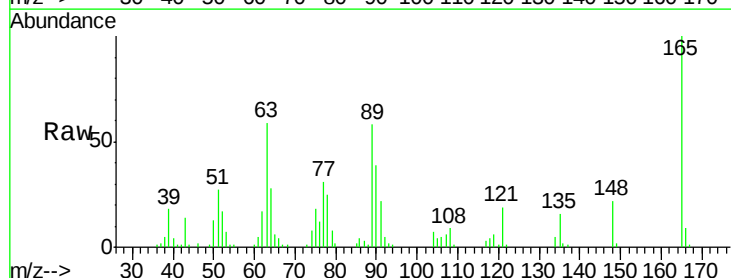
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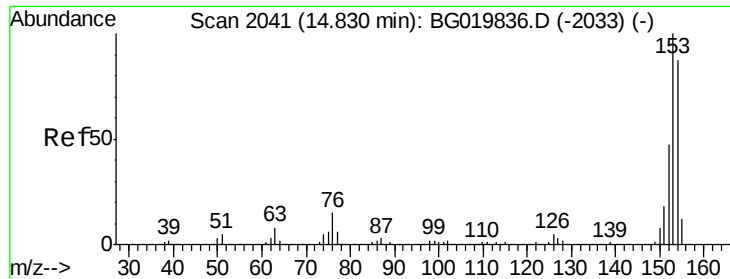
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#50
2,6-Dinitrotoluene
Concen: 43.58 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	59.4	35.7	53.5#
89	58.5	39.7	59.5





#51

Acenaphthene

Concen: 36.48 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG020039.D

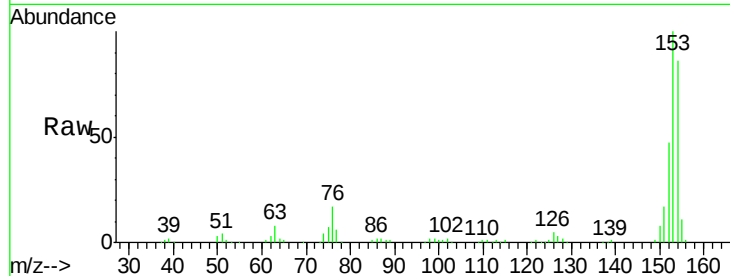
Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

ClientSampleId :

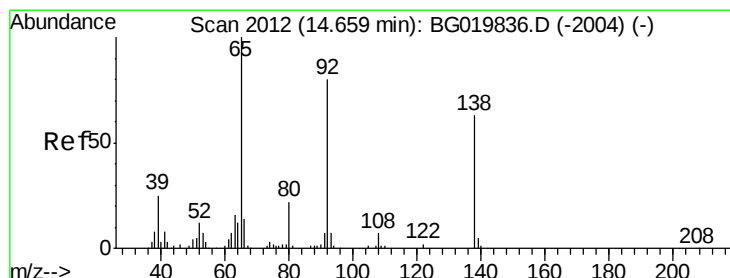
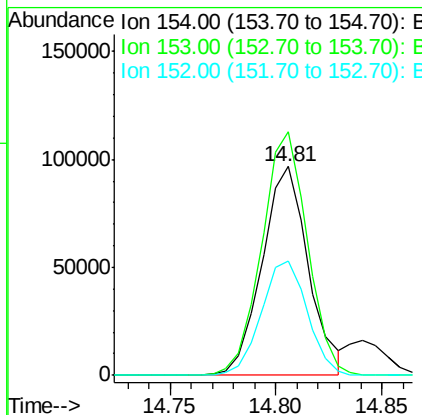
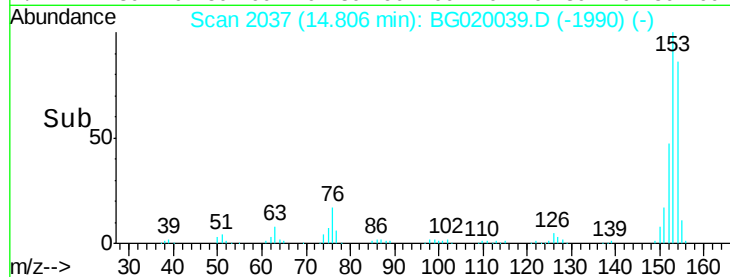
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	116.8	92.9	139.3	
152	54.9	45.8	68.8	

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#52

3-Nitroaniline

Concen: 30.71 ng

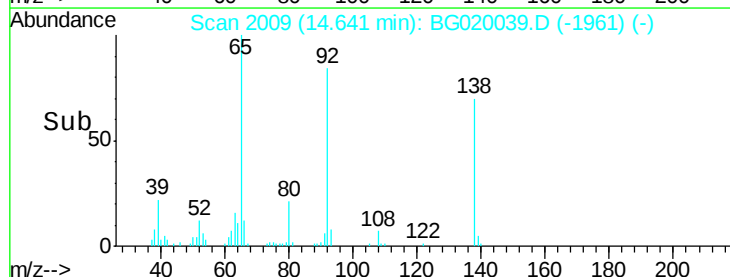
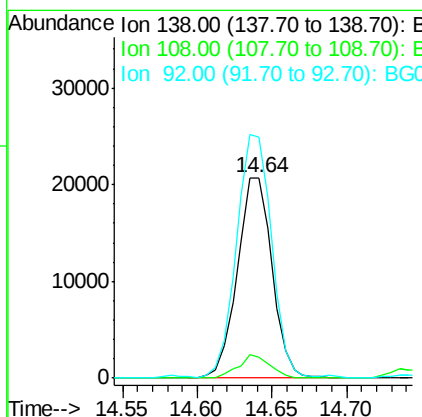
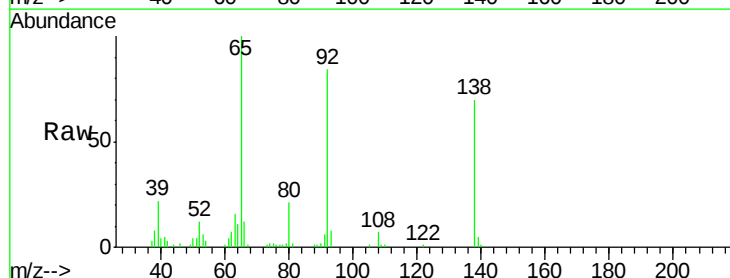
RT: 14.64 min Scan# 2009

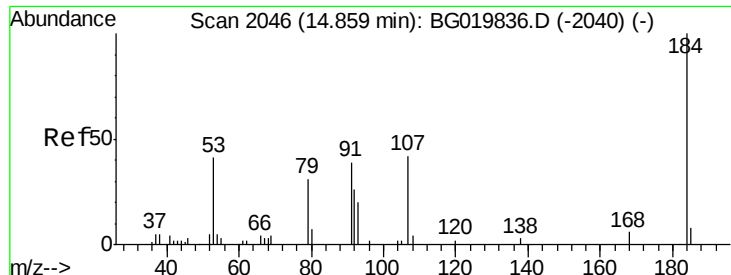
Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

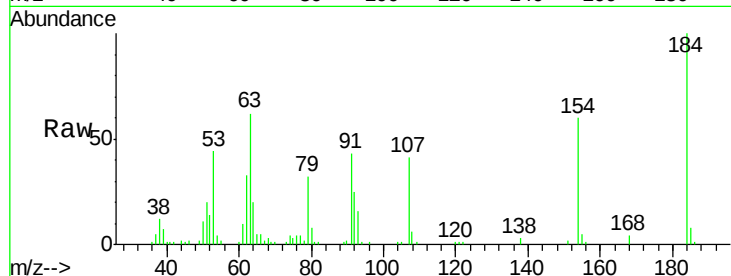
Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.3	7.9	11.9	
92	120.2	94.2	141.4	





#53
 2,4-Dinitrophenol
 Concen: 74.58 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

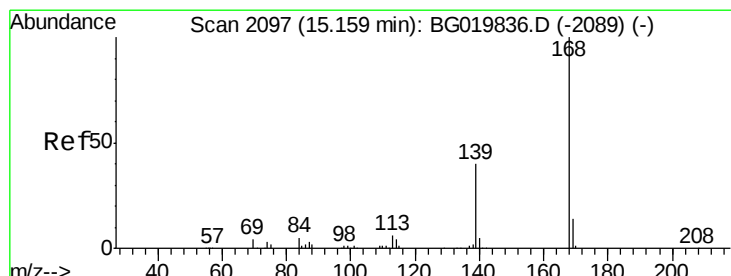
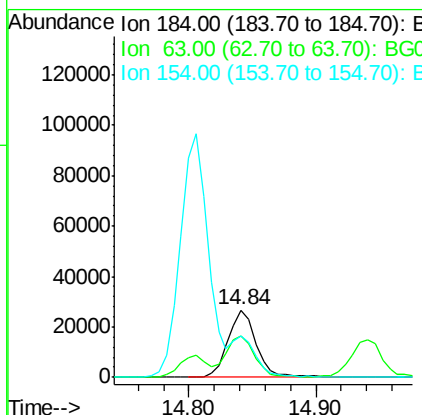
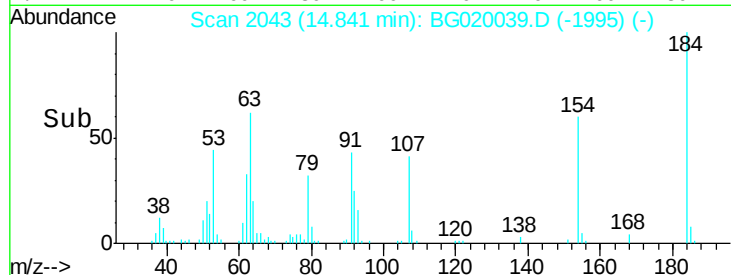
Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS



Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.9	42.7	64.1
154	60.4	44.3	66.5

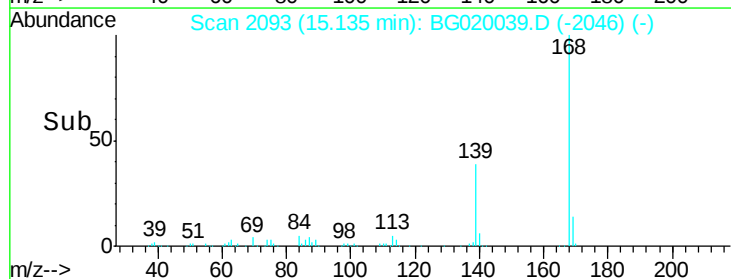
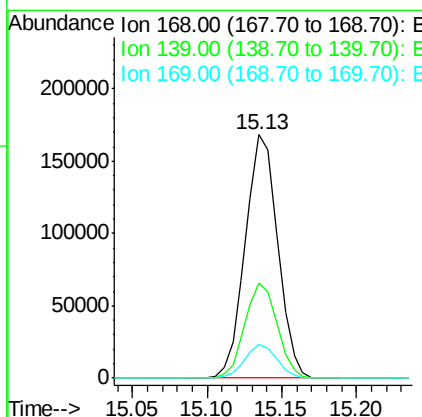
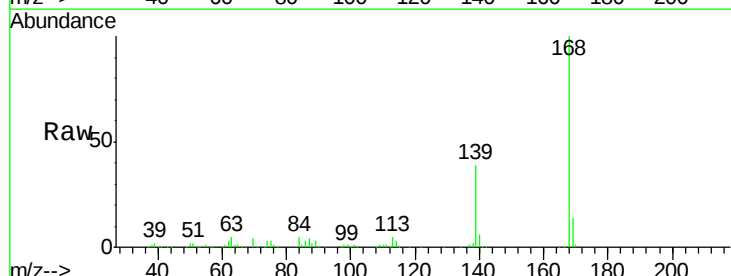
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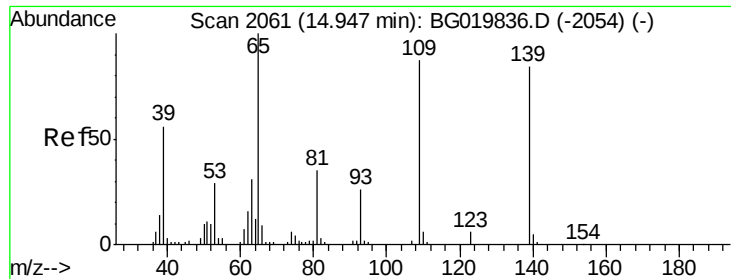
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#54
 Dibenzofuran
 Concen: 41.95 ng
 RT: 15.13 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	27.4	41.0
169	13.6	11.0	16.4





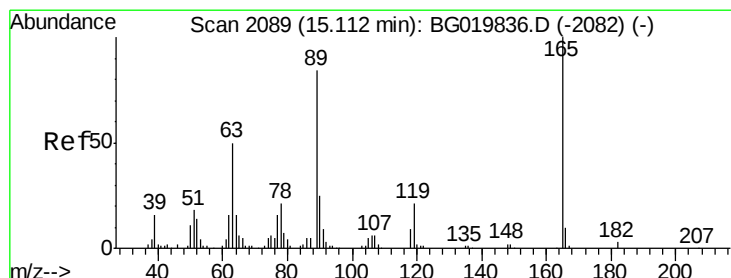
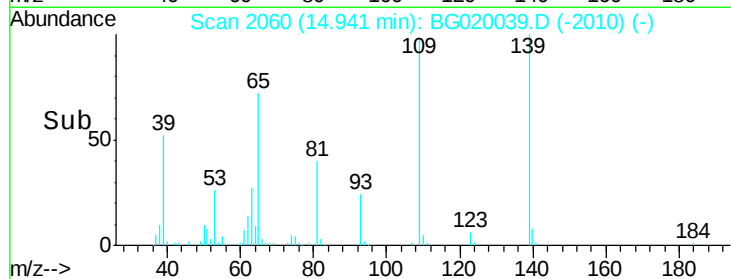
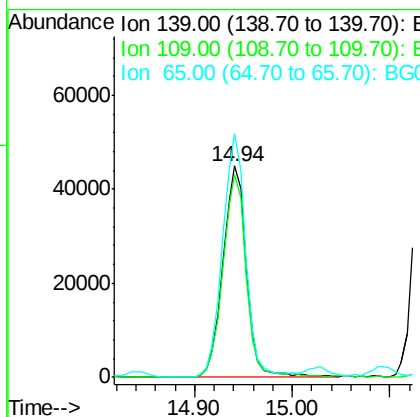
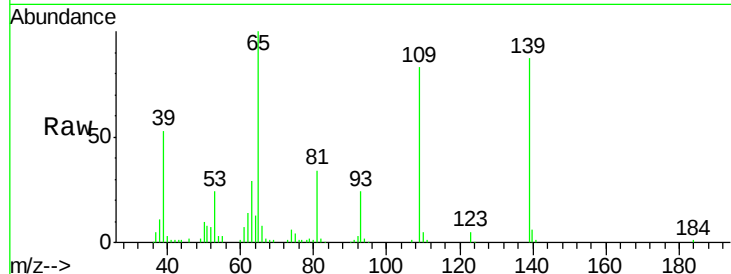
#55
4-Nitrophenol
Concen: 79.56 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	75331		
109	96.2	43.2	83.2#	
65	115.4	67.8	107.8#	

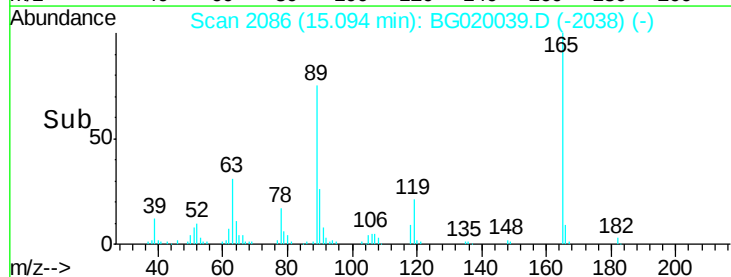
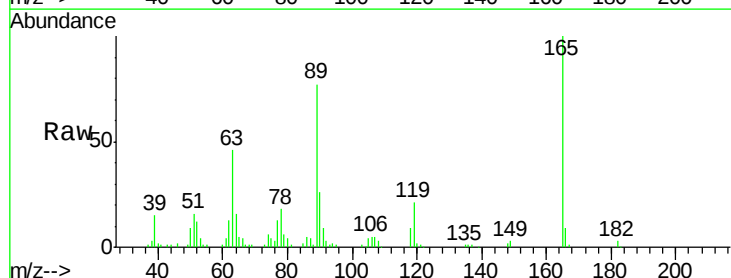
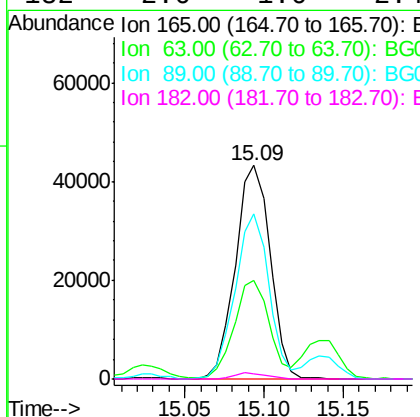
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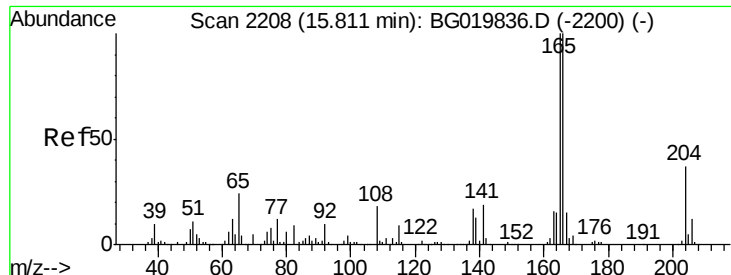
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#56
2,4-Dinitrotoluene
Concen: 45.18 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	65968		
63	46.1	31.0	46.4	
89	77.2	54.4	81.6	
182	2.6	1.6	2.4#	





#57

Fluorene

Concen: 37.78 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.03 min

Lab File: BG020039.D

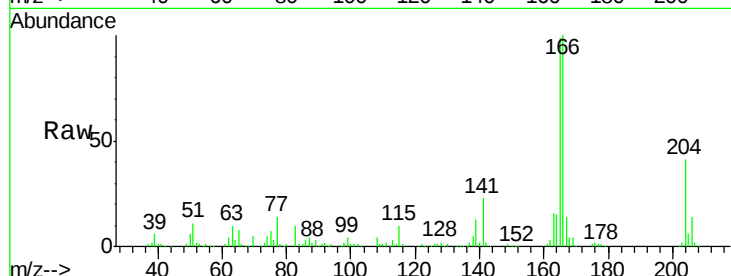
Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

ClientSampleId :

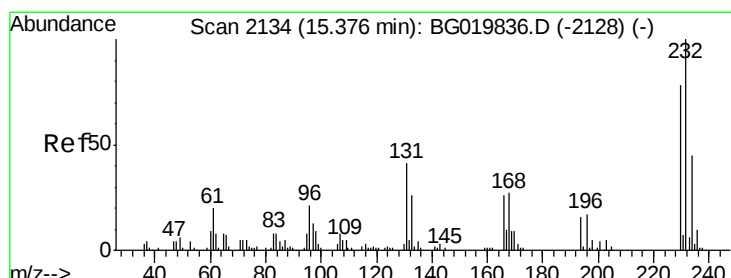
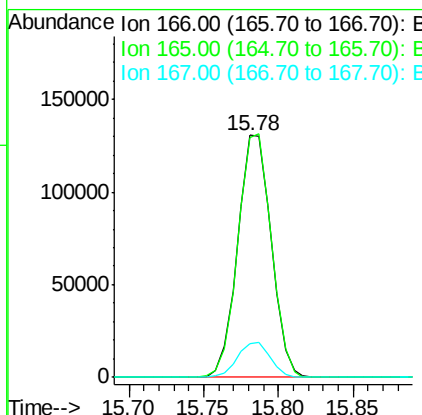
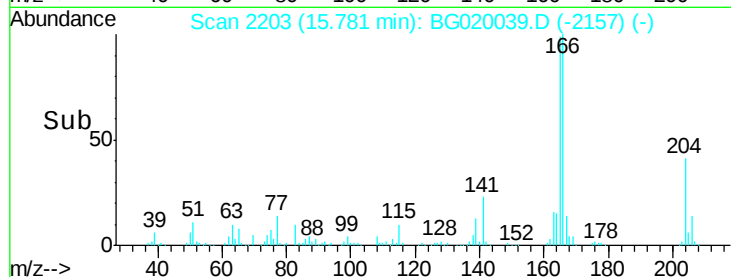
PB87142BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	203539		
165	99.0	80.0	120.0	
167	14.1	11.1	16.7	

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#58

2,3,4,6-Tetrachlorophenol

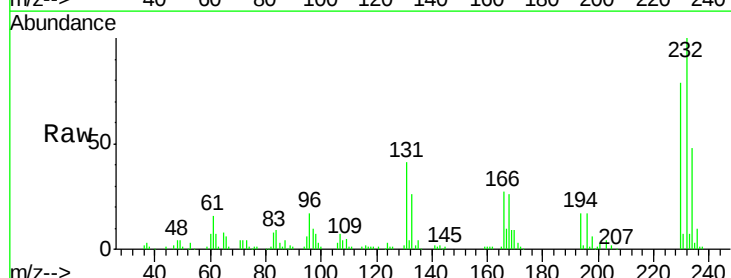
Concen: 44.64 ng

RT: 15.36 min Scan# 2131

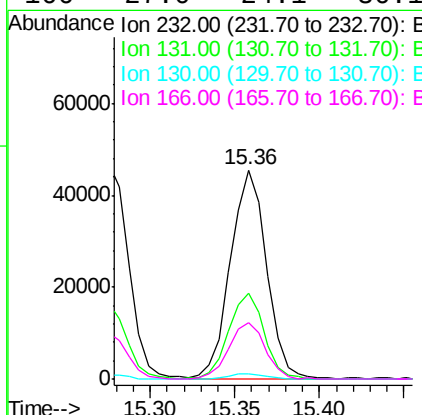
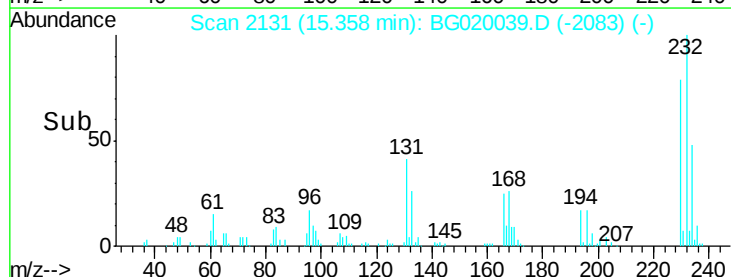
Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	67877		
131	40.1	33.0	49.6	
130	2.5	2.0	3.0	
166	27.0	24.1	36.1	





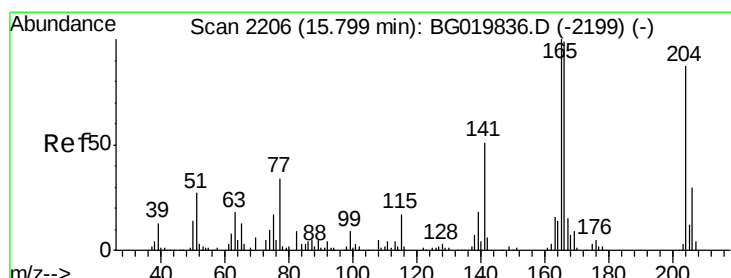
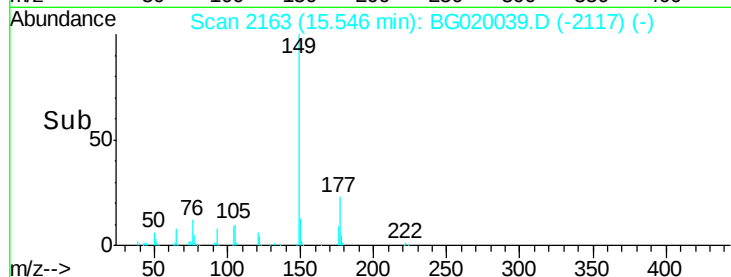
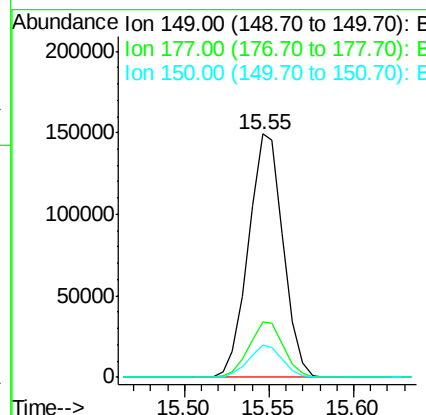
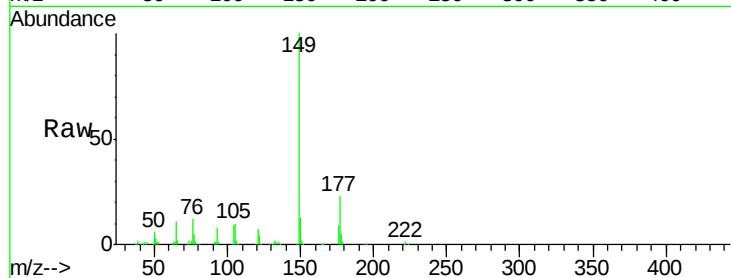
#59
Diethylphthalate
Concen: 35.27 ng
RT: 15.55 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	19.6	29.4
150	13.2	10.2	15.2

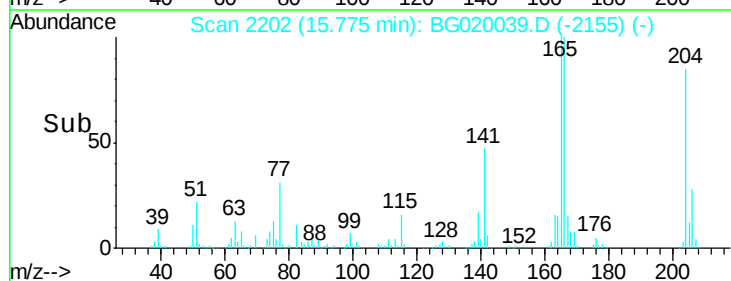
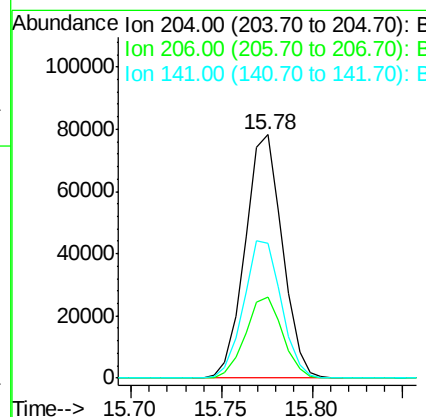
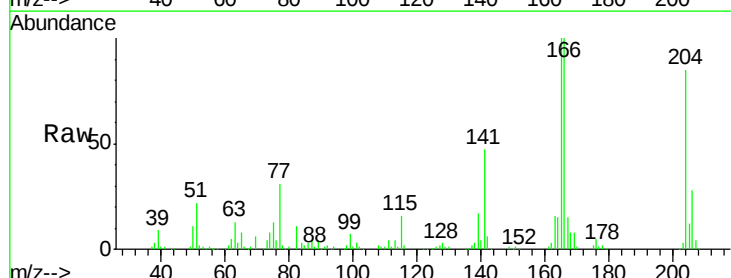
Manual Integrations
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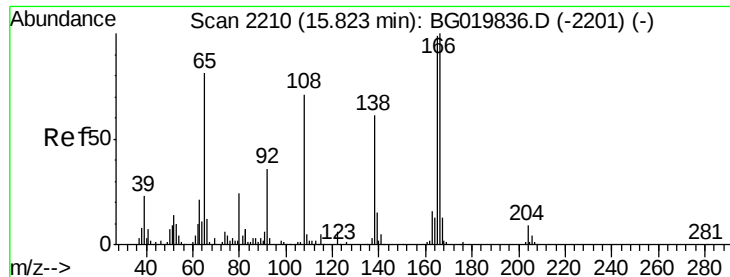
Mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 36.06 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	28.3	42.5
141	55.5	44.0	66.0





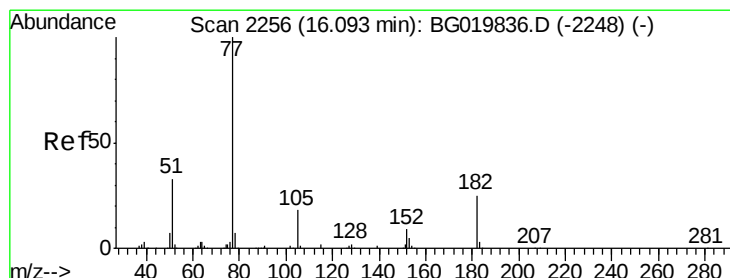
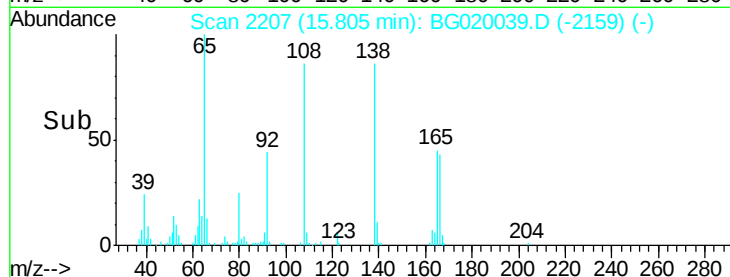
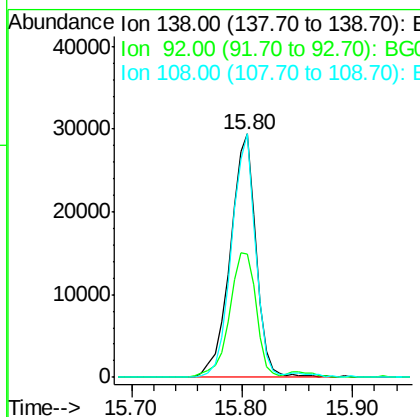
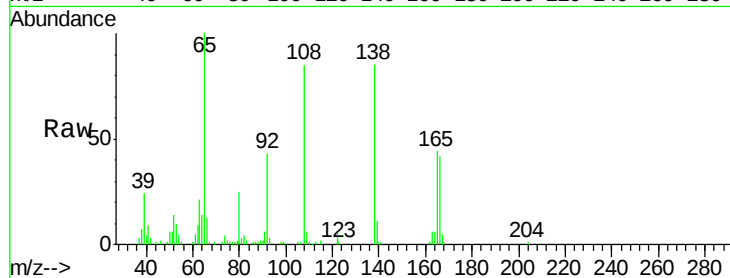
#61
4-Nitroaniline
Concen: 39.27 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	48015		
92	50.8	29.1	69.1	
108	99.8	49.8	89.8	

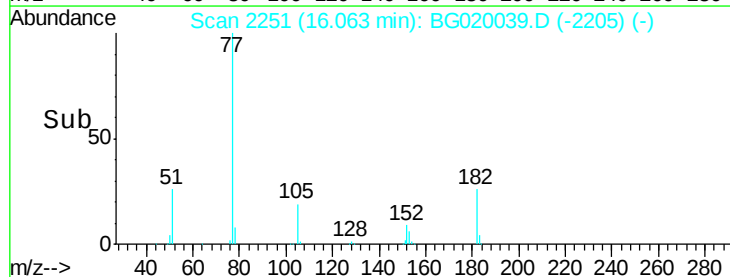
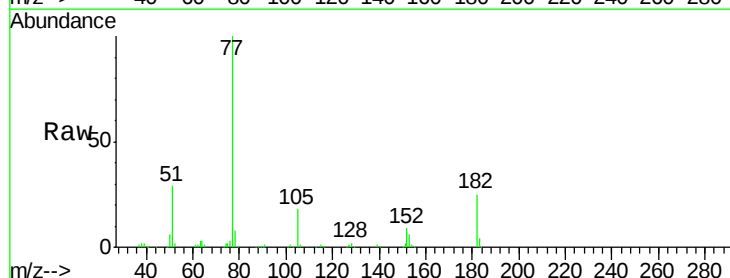
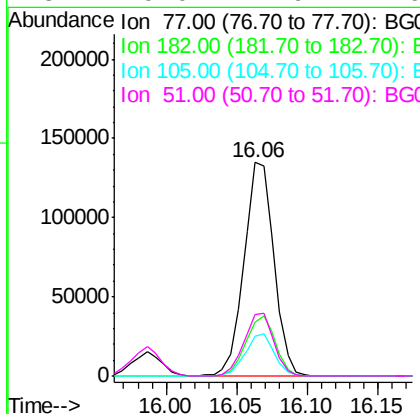
Manual Integrations
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12/9/2015 6:14:24 PM



#62
Azobenzene
Concen: 39.88 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	199868		
182	25.2	7.0	47.0	
105	18.4	1.4	41.4	
51	29.0	4.9	44.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

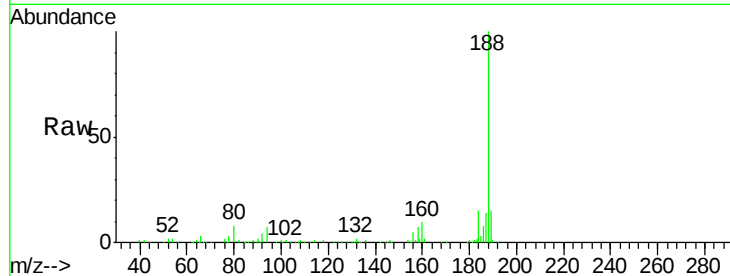
ClientSampleId :

PB87142BS

Tgt Ion:	188	Resp:	160566
Ion Ratio	Lower	Upper	
188	100		
94	6.7	7.7	11.5#
80	8.4	7.8	11.8

Manual Integrations
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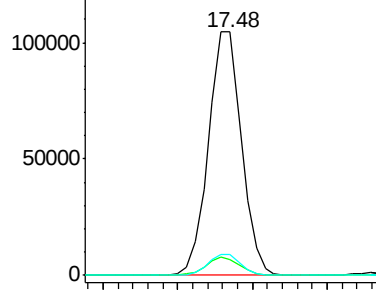
Mmdadoda
12/9/2015 6:14:24 PM



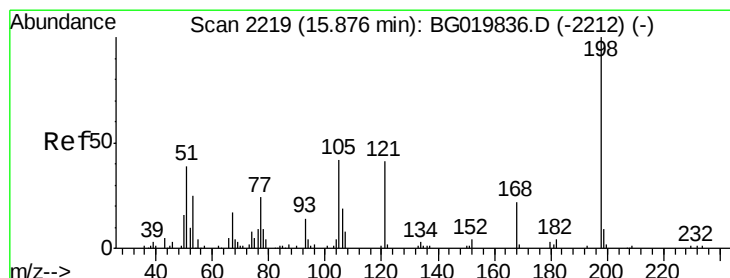
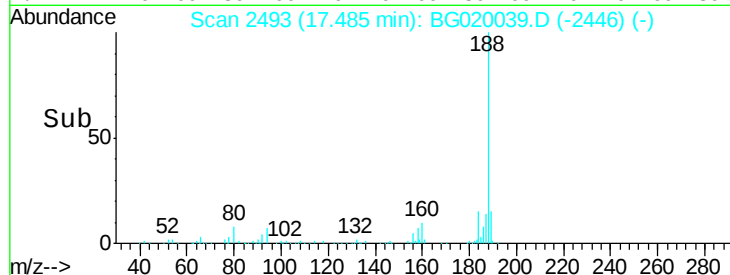
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 41.15 ng

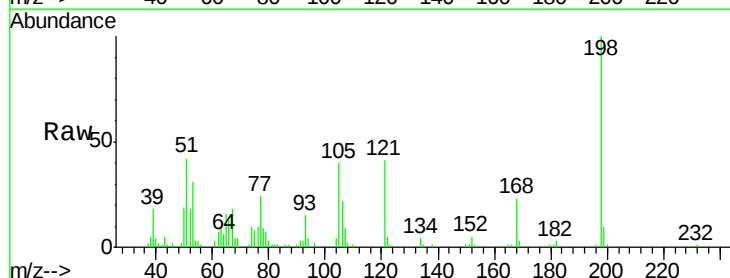
RT: 15.85 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

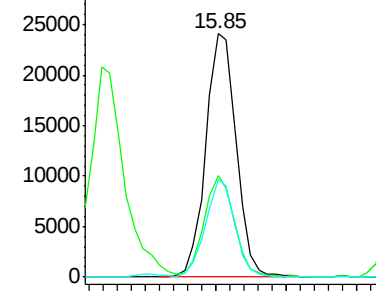
Tgt Ion:	198	Resp:	36219
Ion Ratio	Lower	Upper	
198	100		
51	41.8	14.2	54.2
105	39.9	21.1	61.1



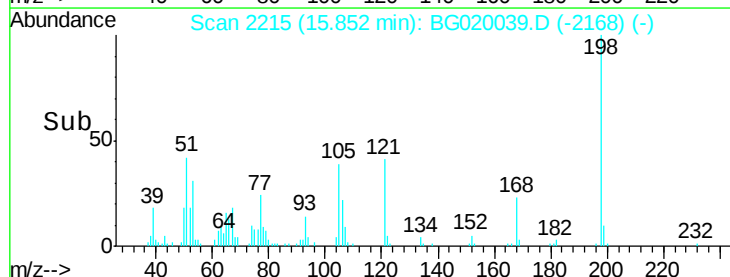
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 39.85 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

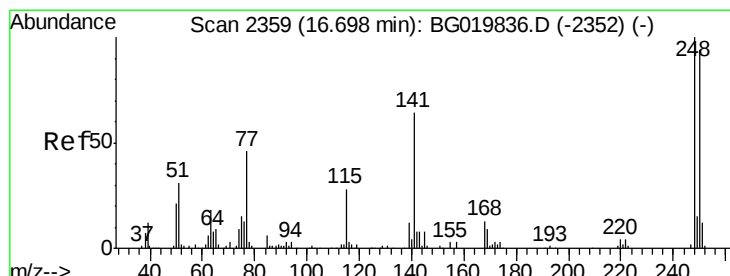
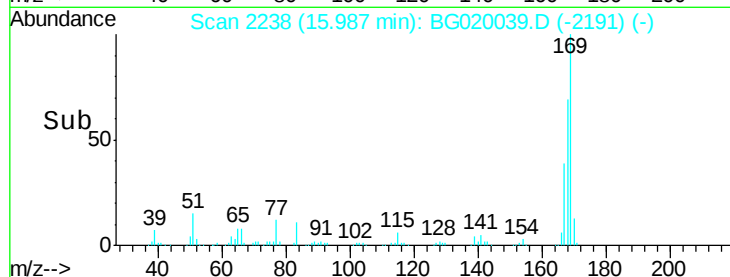
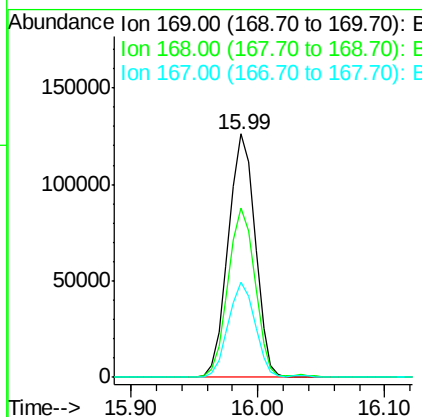
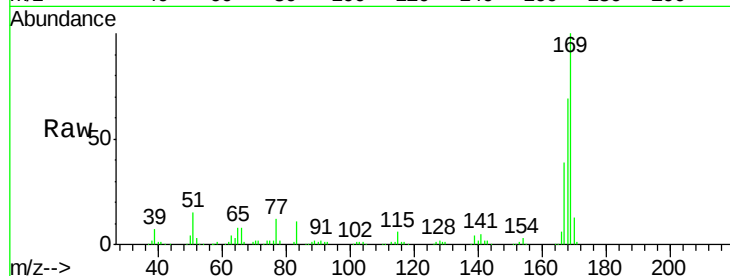
ClientSampleId :

PB87142BS

Tgt Ion:	169	Resp:	185177
Ion Ratio	Lower	Upper	
169	100		
168	69.3	58.2	87.2
167	38.9	32.7	49.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 38.02 ng

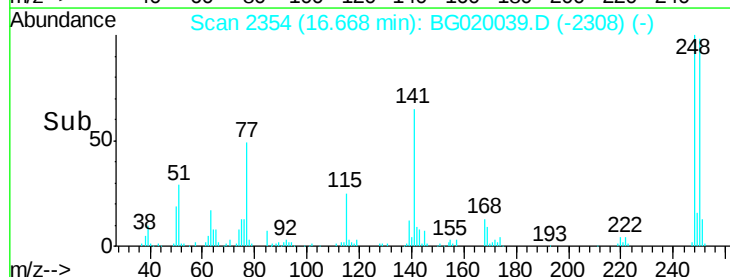
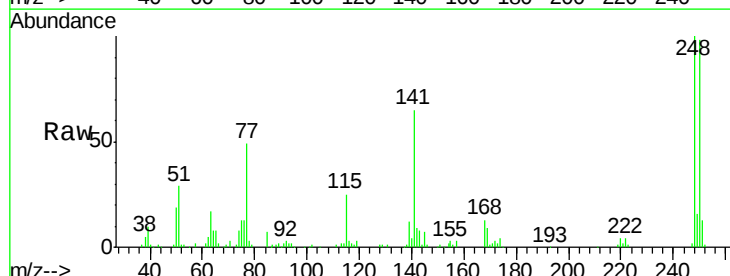
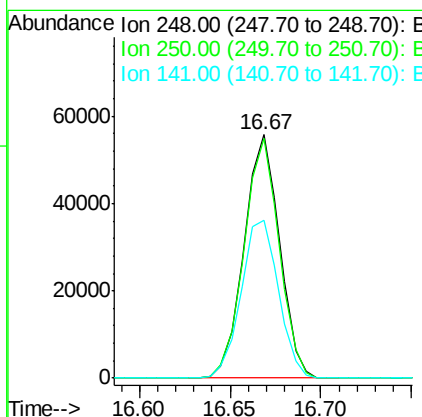
RT: 16.67 min Scan# 2354

Delta R.T. -0.03 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Tgt Ion:	248	Resp:	75856
Ion Ratio	Lower	Upper	
248	100		
250	98.3	77.8	116.8
141	65.0	50.4	75.6





#67

Hexachlorobenzene

Concen: 39.91 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG020039.D

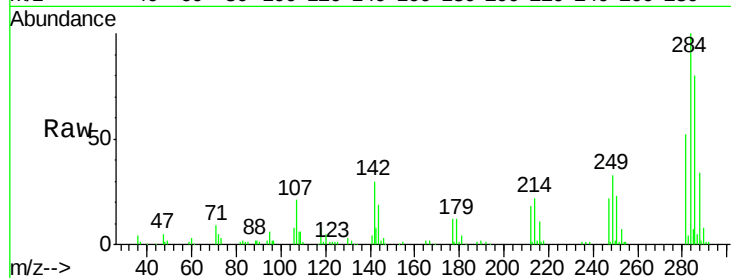
Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

ClientSampleId :

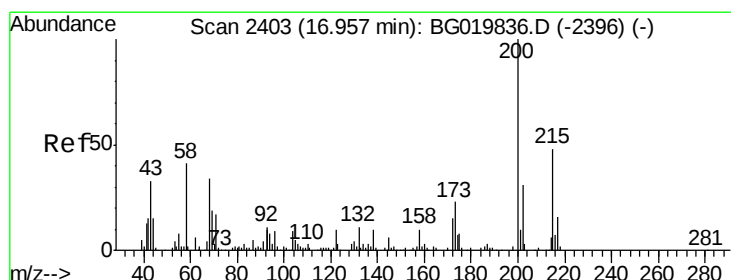
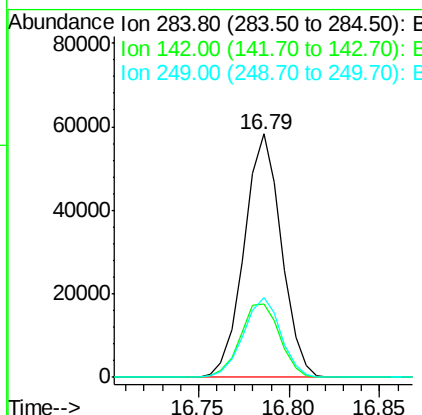
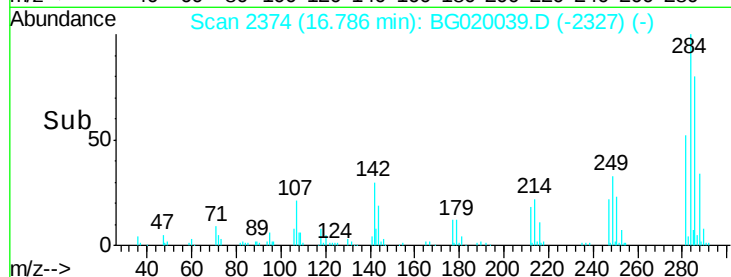
PB87142BS



Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	26.6	39.8
249	35.1	26.2	39.2

Manual Integrations
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#68

Atrazine

Concen: 38.60 ng

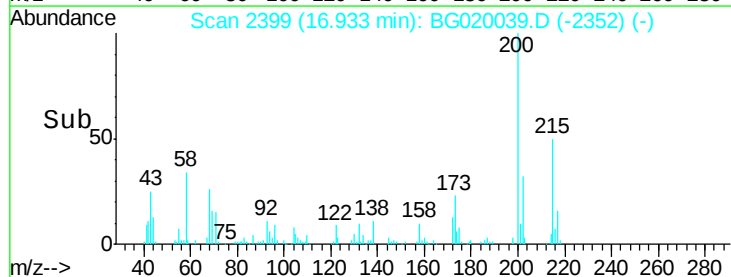
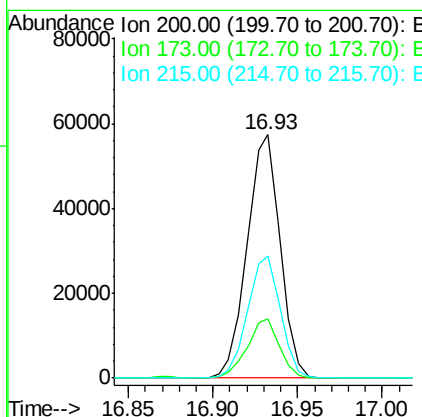
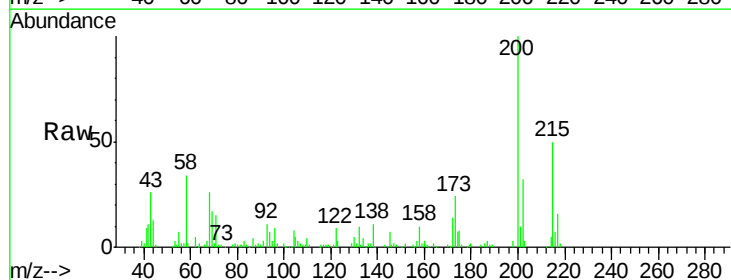
RT: 16.93 min Scan# 2399

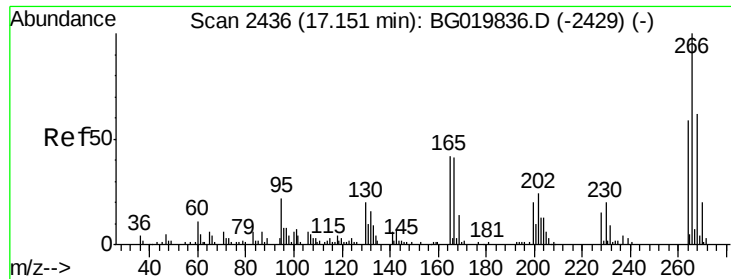
Delta R.T. -0.02 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.2	45.2
215	50.0	27.0	67.0





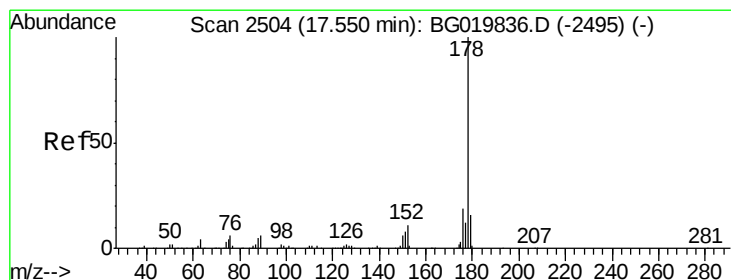
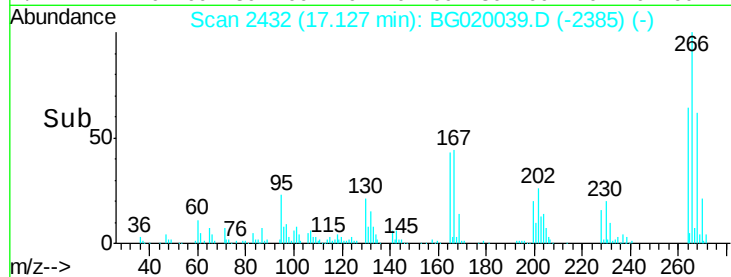
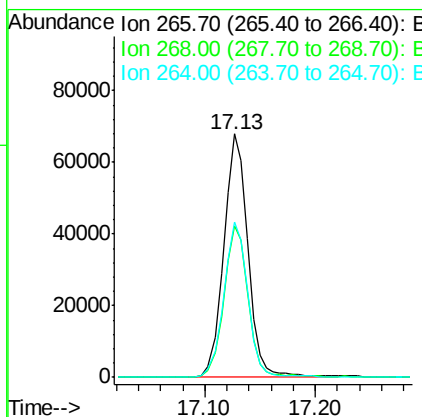
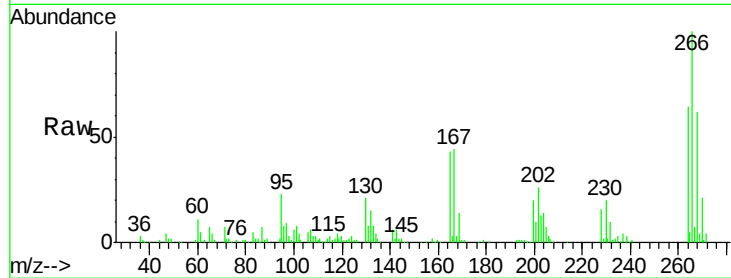
#69
 Pentachlorophenol
 Concen: 85.77 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	104043		
268	62.4	47.6	71.4	
264	64.0	48.1	72.1	

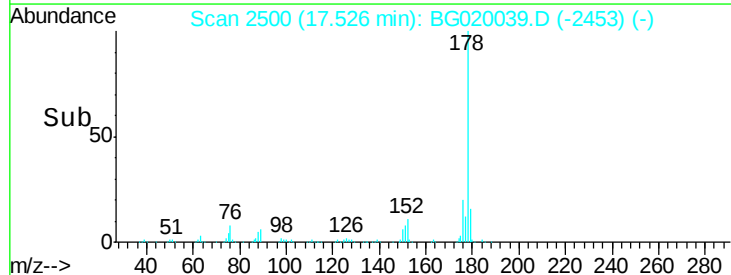
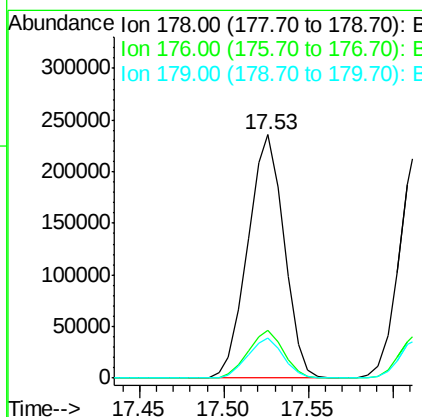
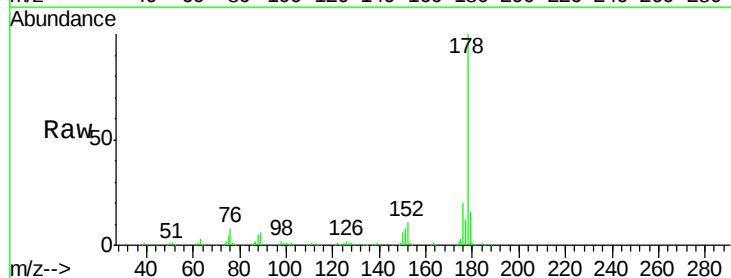
Manual Integrations
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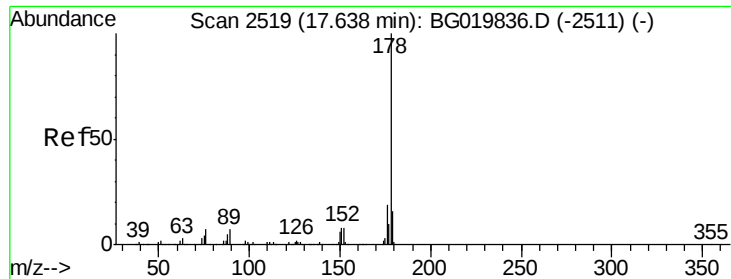
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#70
 Phenanthrene
 Concen: 38.81 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	352580		
176	19.8	16.7	25.1	
179	16.4	13.9	20.9	





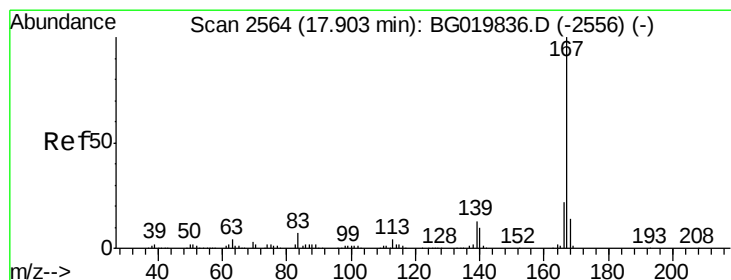
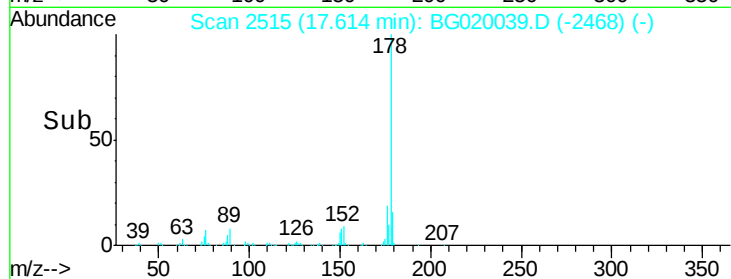
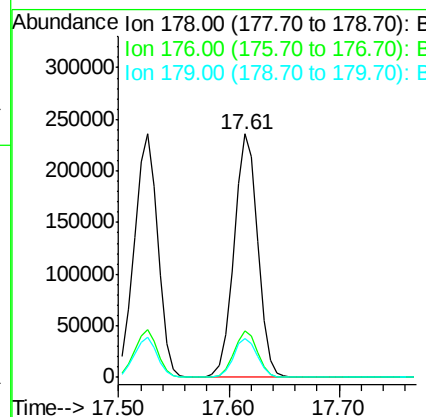
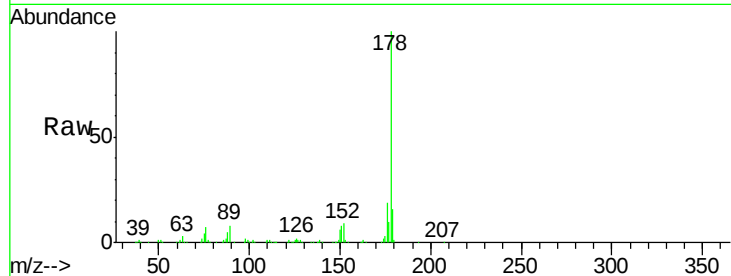
#71
 Anthracene
 Concen: 38.30 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.8	25.2
179	16.0	13.9	20.9

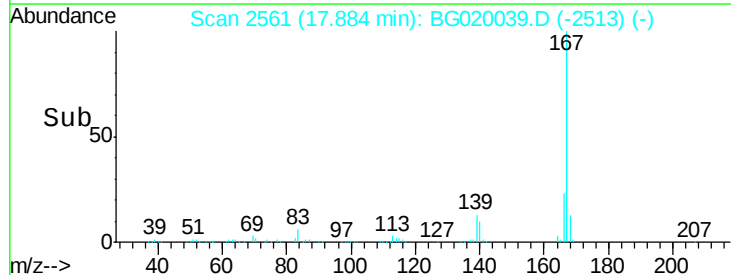
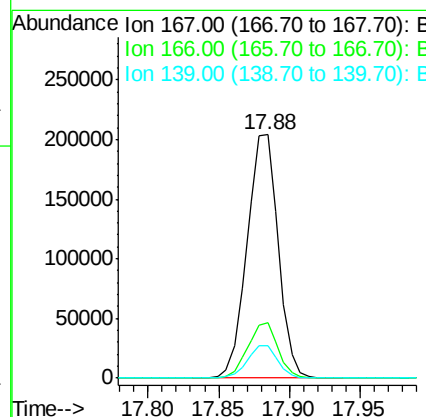
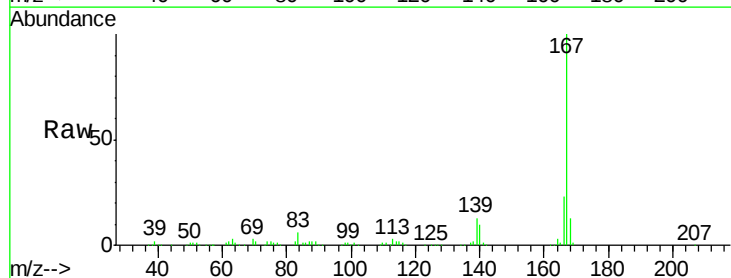
Manual Integrations
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#72
 Carbazole
 Concen: 38.69 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.0	28.6
139	13.1	10.2	15.4





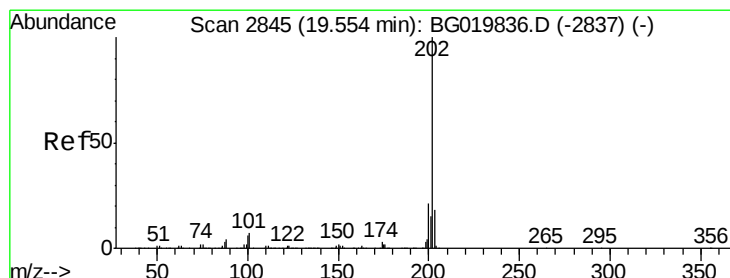
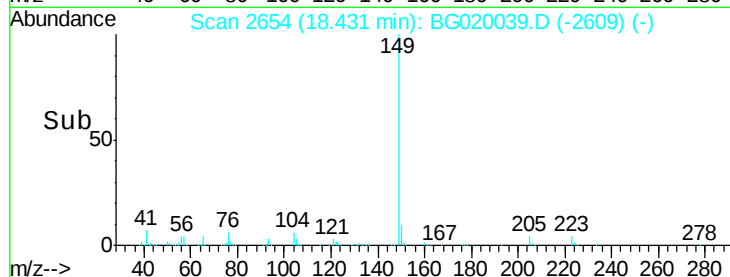
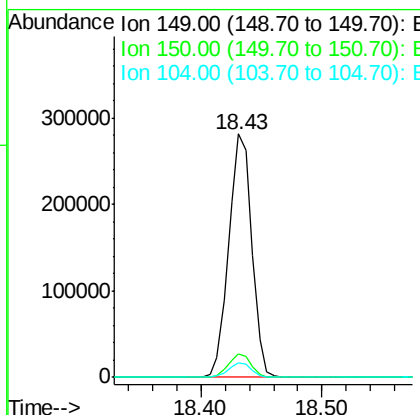
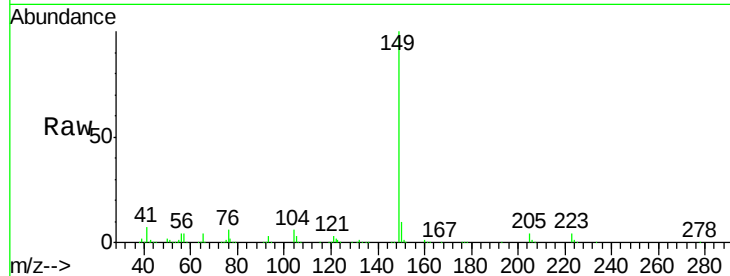
#73
Di-n-butylphthalate
Concen: 37.44 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		374037		
150	9.9	8.2	12.4		
104	6.0	4.4	6.6		

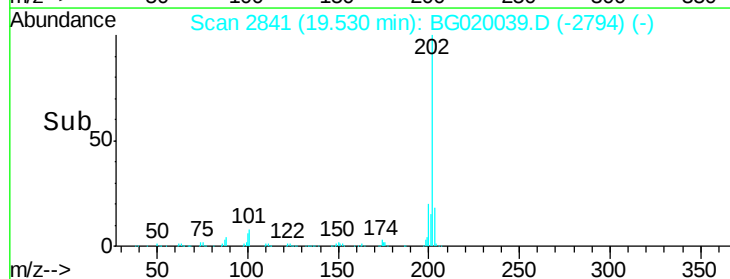
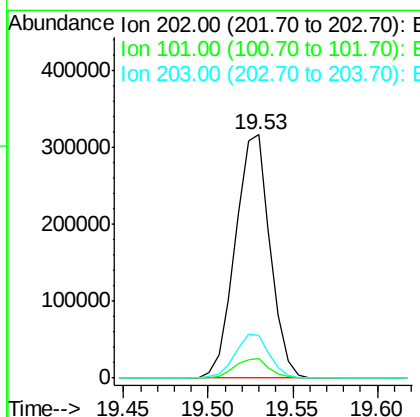
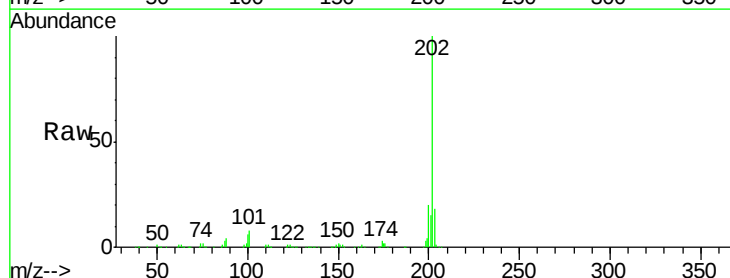
Manual Integrations
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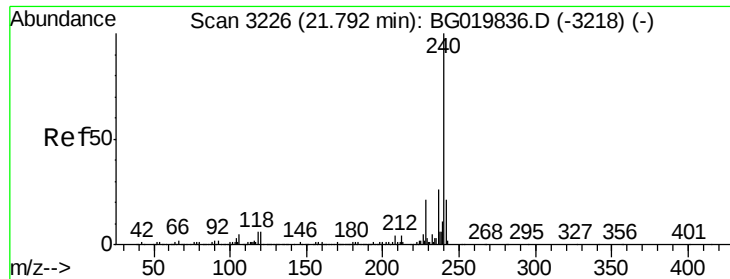
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#74
Fluoranthene
Concen: 38.83 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		451190		
101	7.8	0.0	32.4		
203	17.7	0.0	39.5		





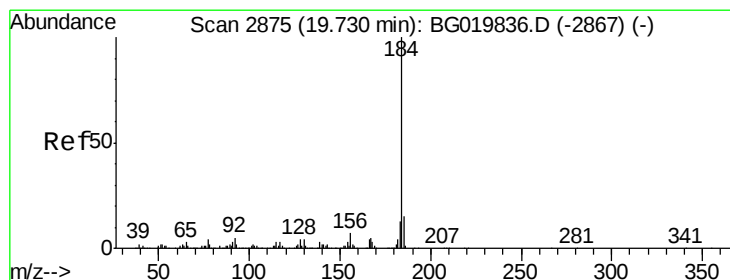
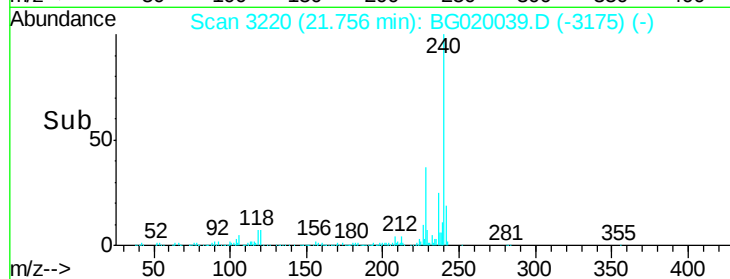
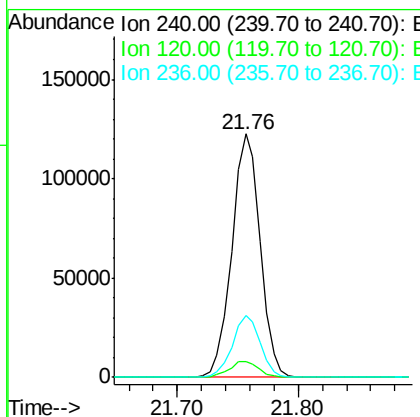
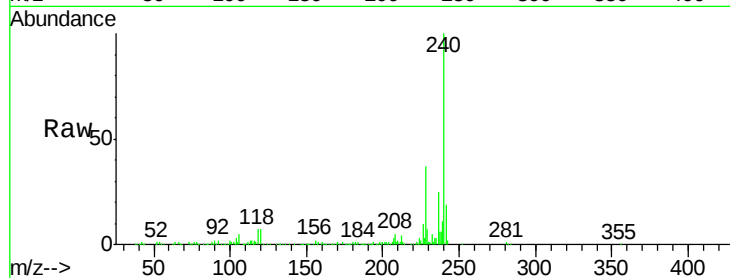
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	6.7	7.4	11.0#
236	25.2	20.7	31.1

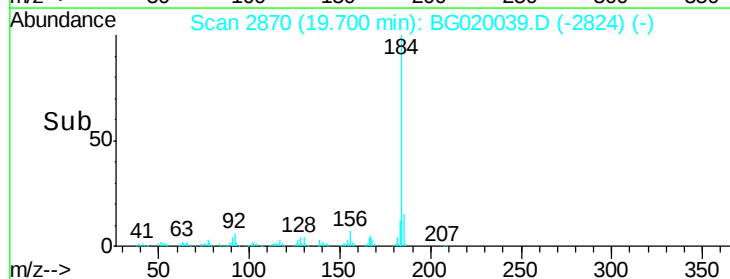
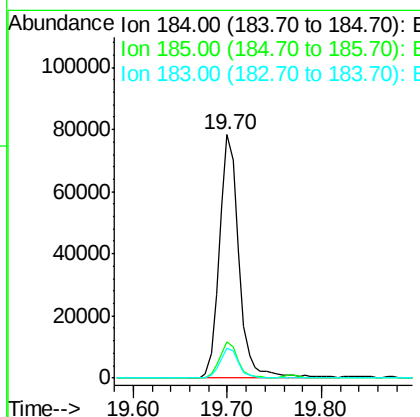
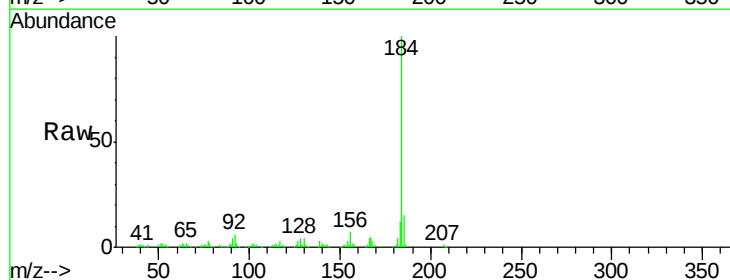
Manual Integrations
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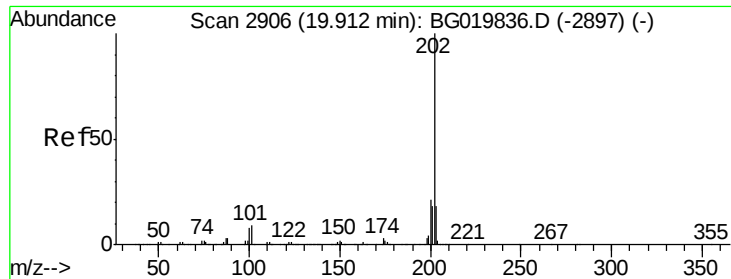
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#76
Benzidine
Concen: 17.43 ng
RT: 19.70 min Scan# 2870
Delta R.T. -0.03 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.7	13.4	20.2
183	12.0	10.1	15.1





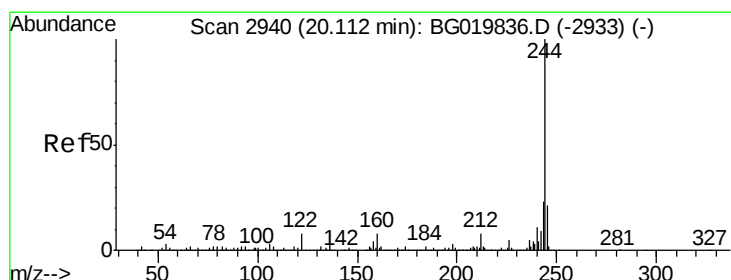
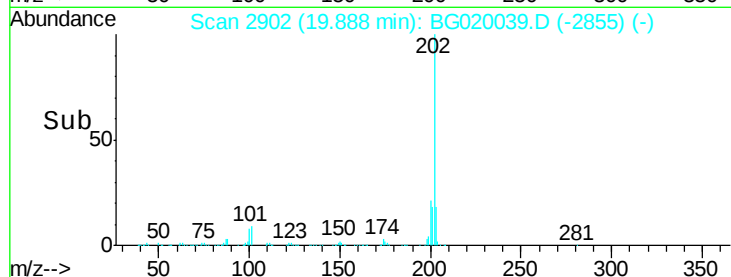
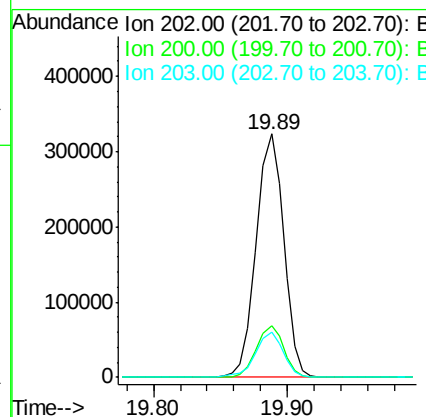
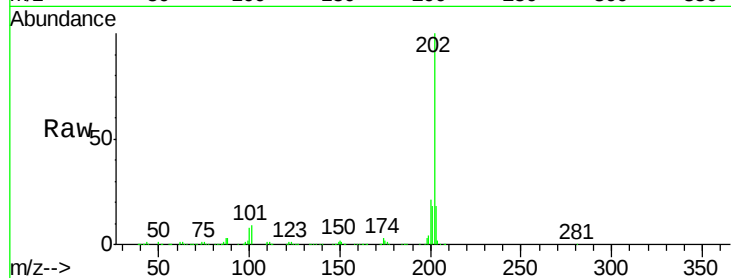
#77
Pyrene
Concen: 39.30 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	19.4	29.0
203	18.5	15.5	23.3

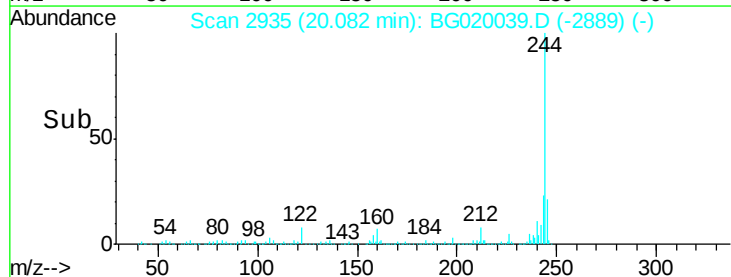
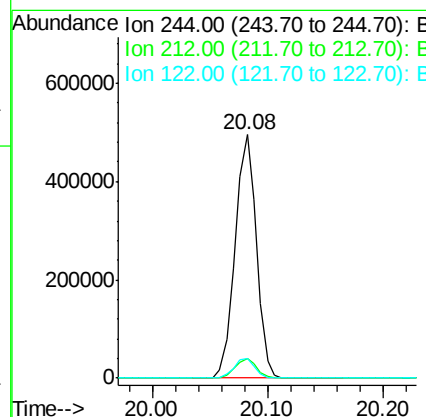
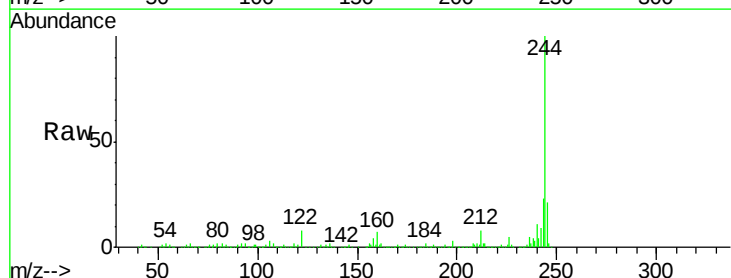
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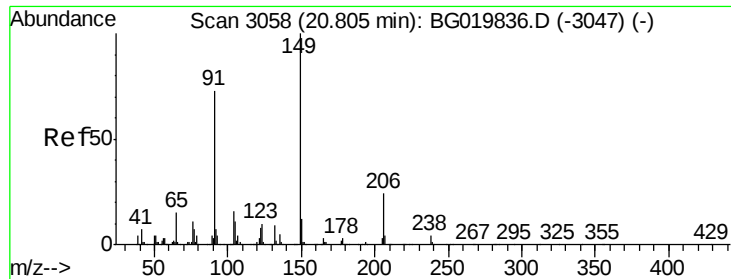
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#78
Terphenyl-d14
Concen: 77.14 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.3	6.9	10.3
122	8.2	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 38.39 ng

RT: 20.76 min Scan# 3051

Delta R.T. -0.04 min

Lab File: BG020039.D

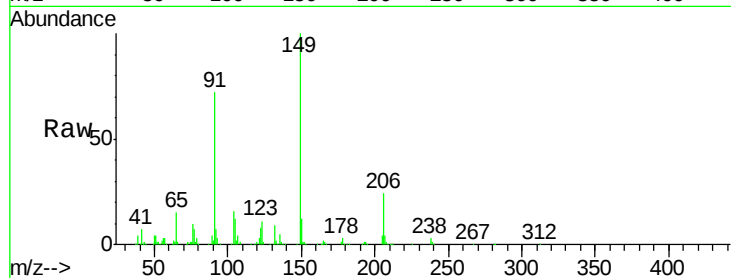
Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

ClientSampleId :

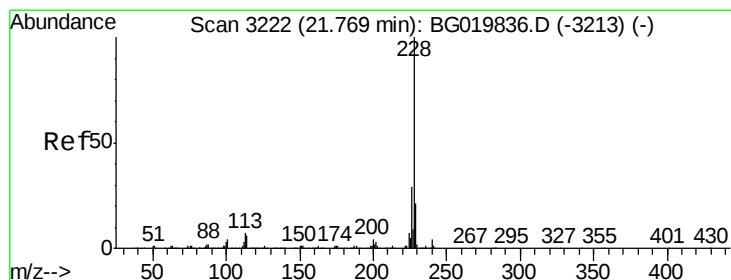
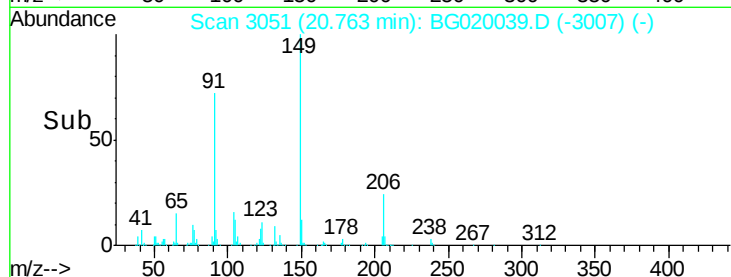
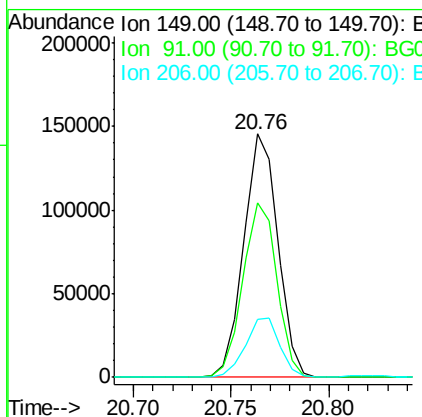
PB87142BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	176169		
91	71.8	58.1	87.1	
206	23.9	17.8	26.8	

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#80

Benzo(a)anthracene

Concen: 38.10 ng

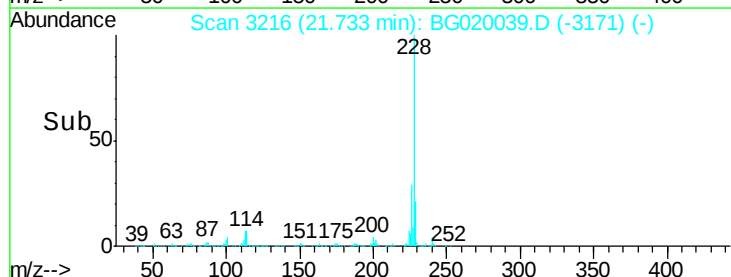
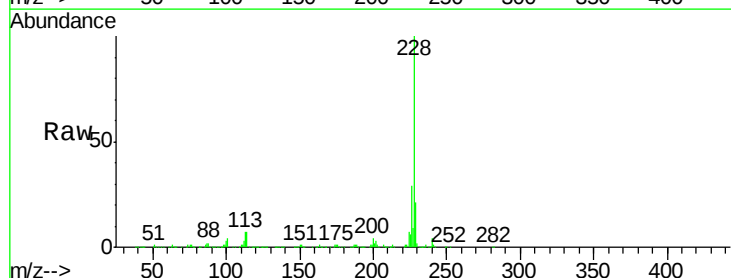
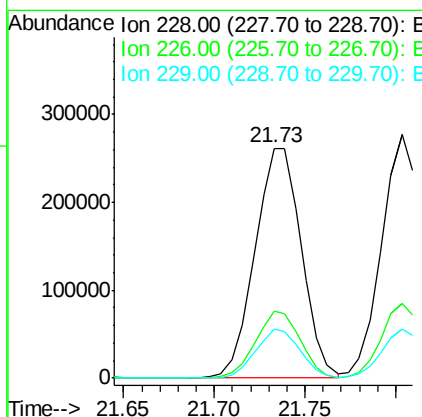
RT: 21.73 min Scan# 3216

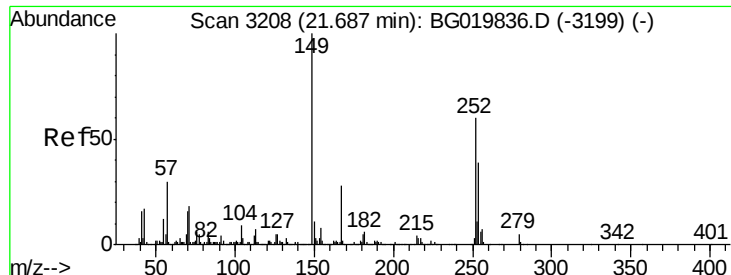
Delta R.T. -0.04 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

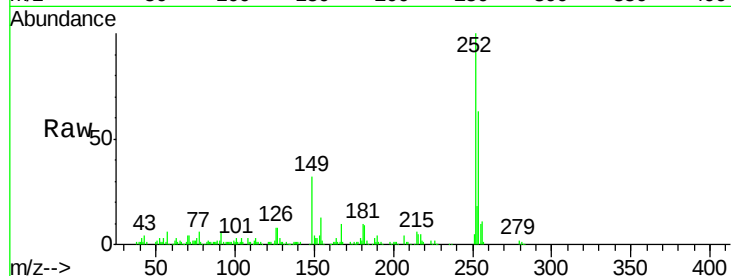
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	464146		
226	29.3	23.4	35.0	
229	21.4	16.6	25.0	





#81
 3,3'-Dichlorobenzidine
 Concen: 23.20 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

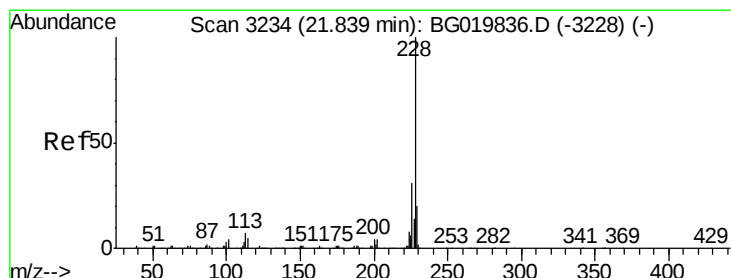
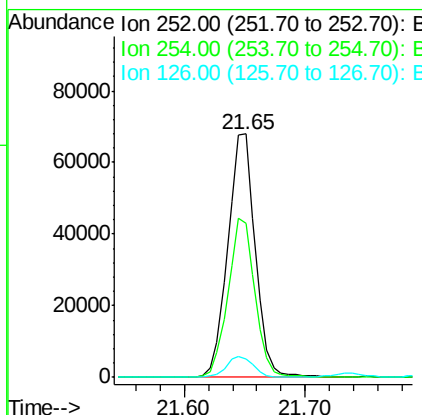
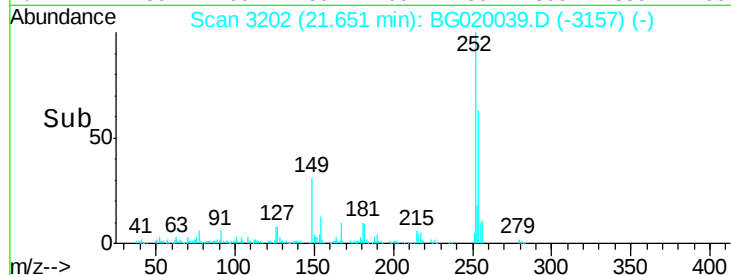
Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	107632		
254	63.0	52.5	78.7	
126	7.6	8.5	12.7#	

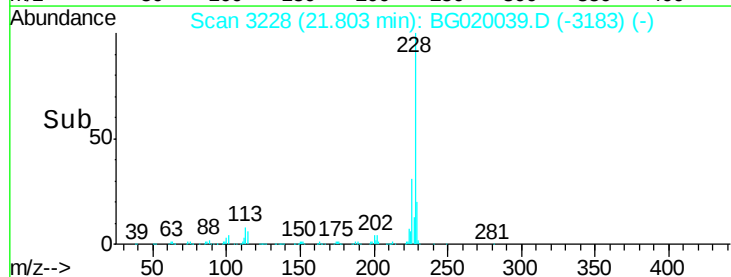
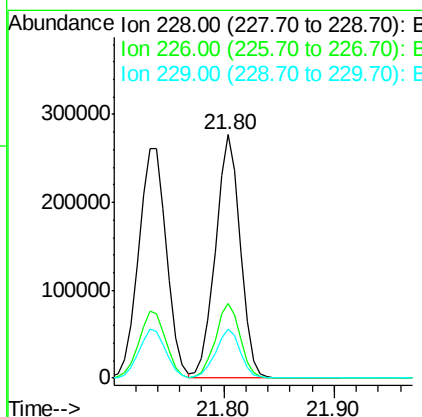
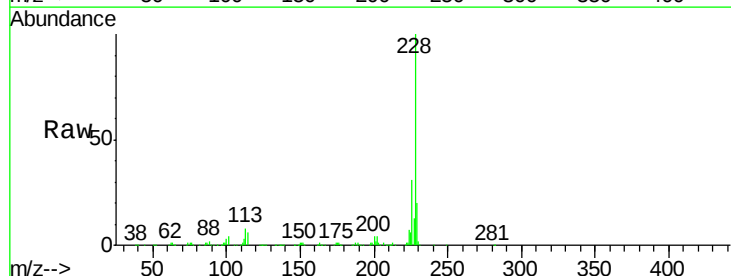
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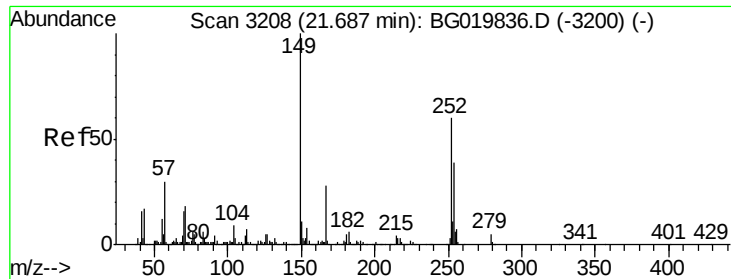
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#82
 Chrysene
 Concen: 37.23 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.04 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	430548		
226	30.6	26.7	40.1	
229	20.3	17.0	25.6	





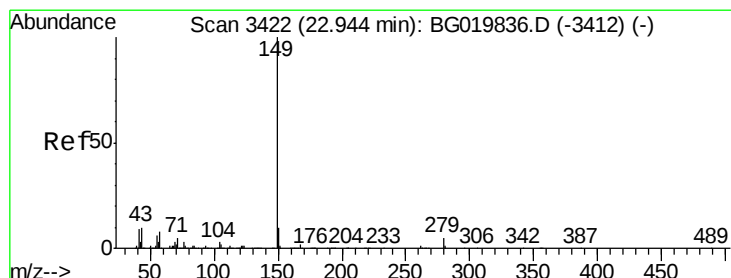
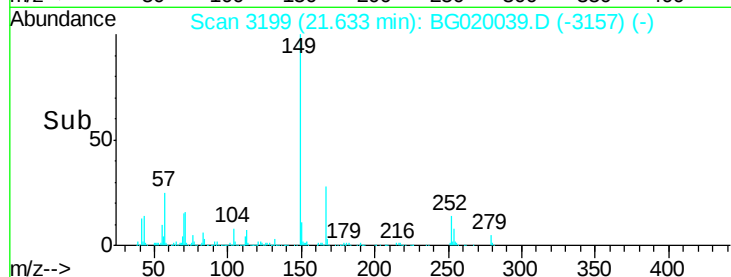
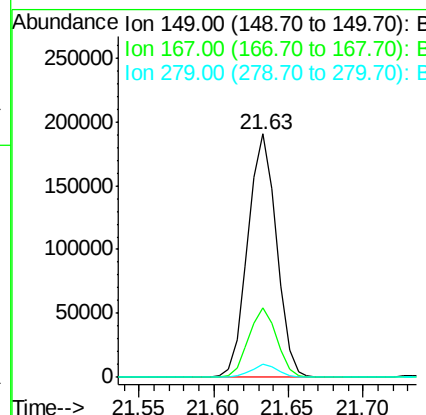
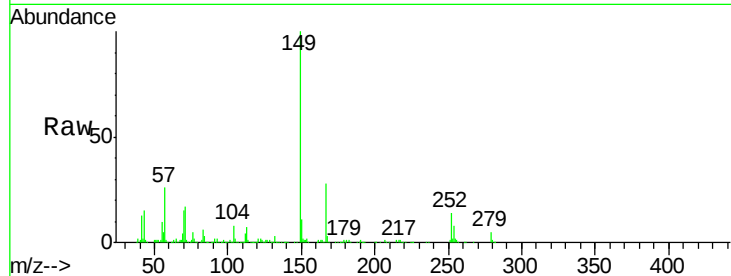
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.61 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.05 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.4	23.8	35.8
279	5.3	3.4	5.2#

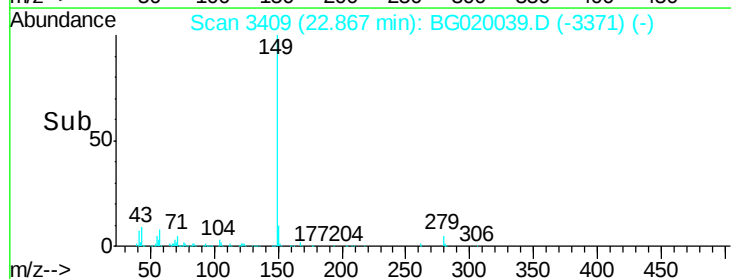
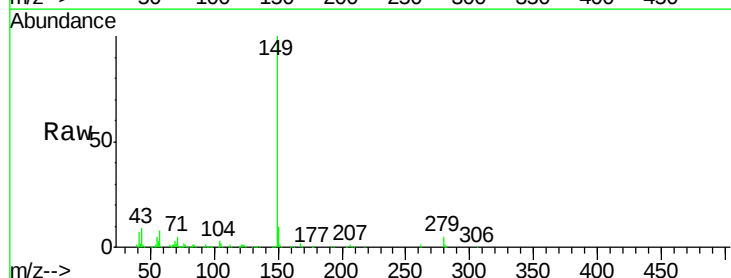
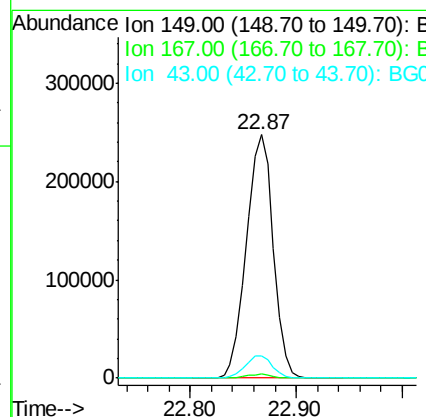
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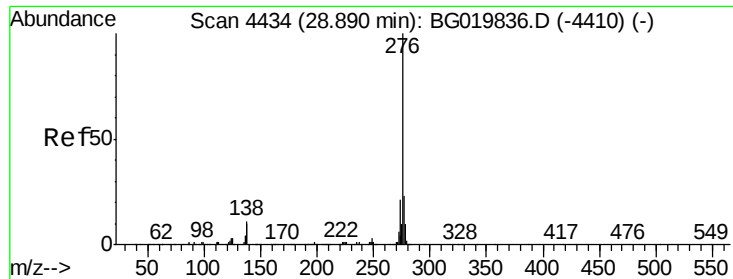
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#84
 Di-n-octyl phthalate
 Concen: 39.80 ng
 RT: 22.87 min Scan# 3409
 Delta R.T. -0.08 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	9.4	5.9	8.9#





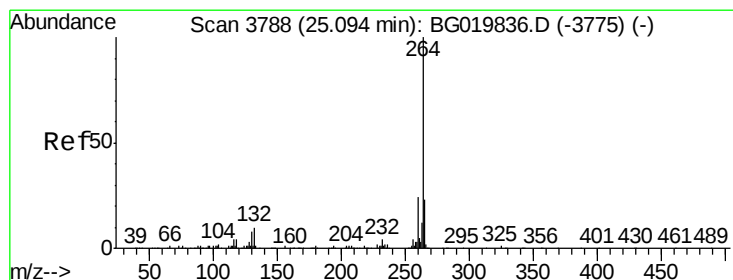
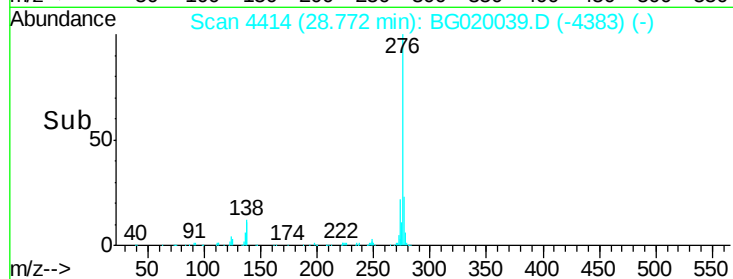
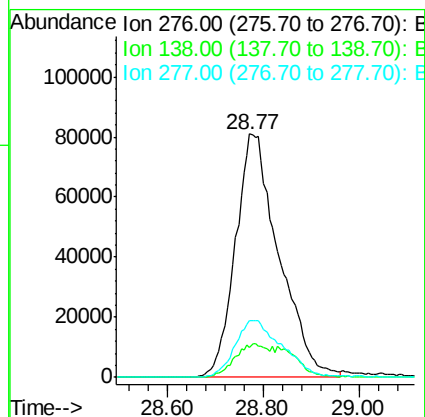
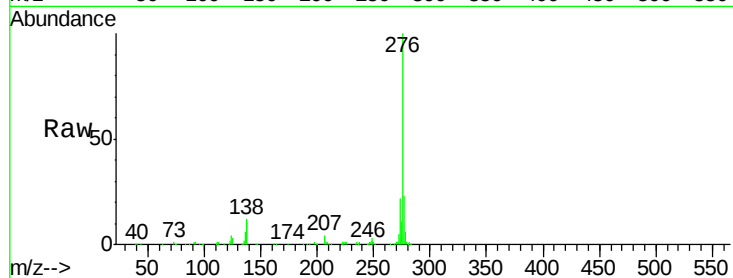
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.09 ng
 RT: 28.77 min Scan# 4414
 Delta R.T. -0.12 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	10.2	0.0	0.0#
277	25.5	0.0	0.0#

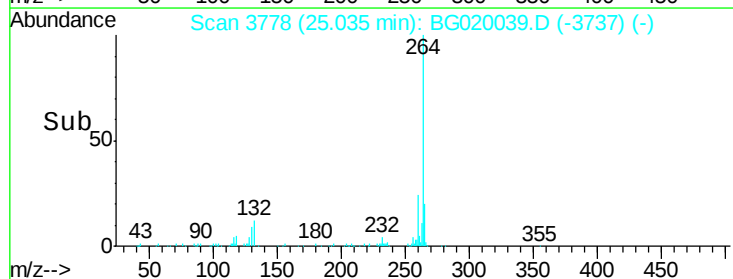
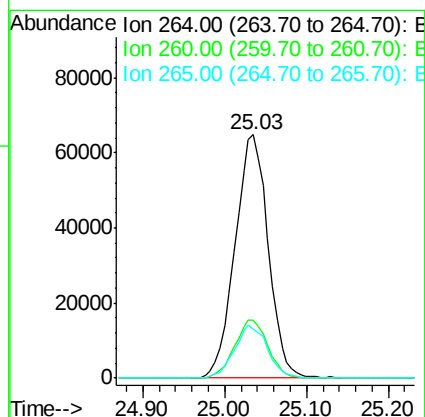
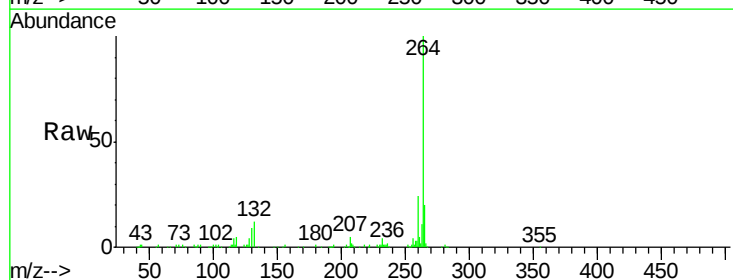
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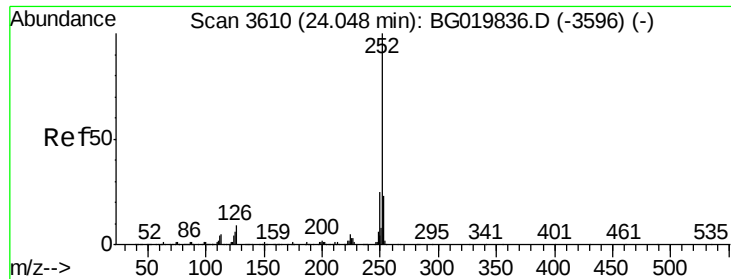
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	18.5	27.7
265	20.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.46 ng

RT: 23.99 min Scan# 3600

Delta R.T. -0.06 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Instrument :

BNA_G

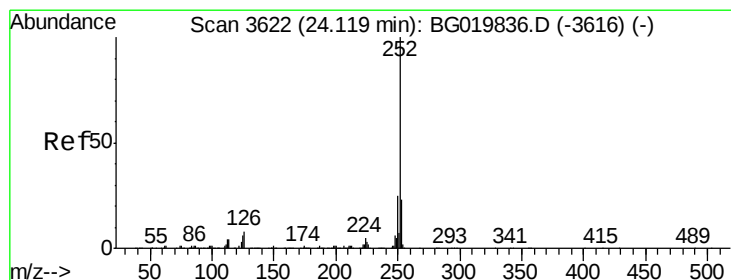
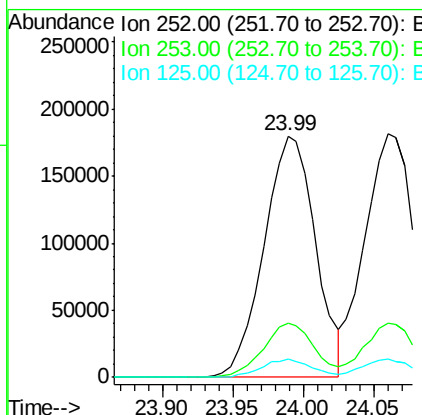
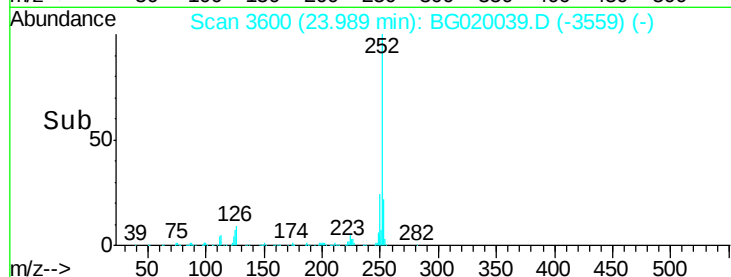
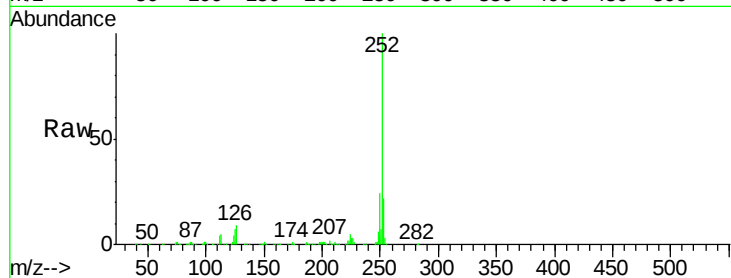
ClientSampleId :

PB87142BS

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.1	28.7
125	7.5	8.9	13.3#



#88

Benzo(k)fluoranthene

Concen: 38.37 ng

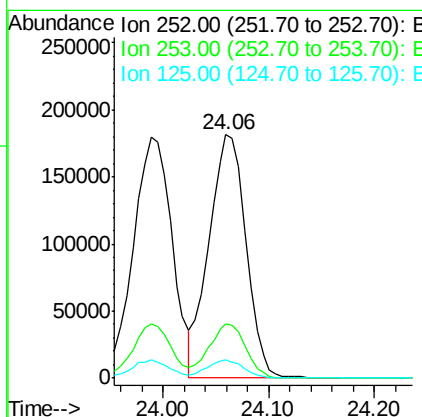
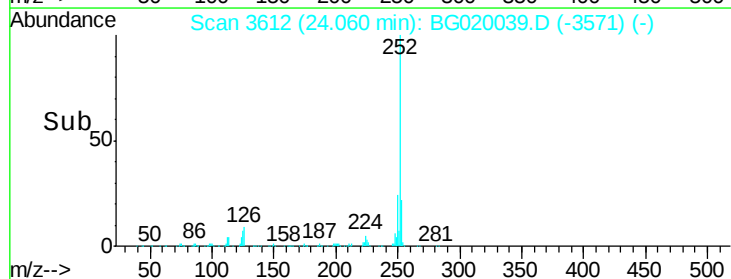
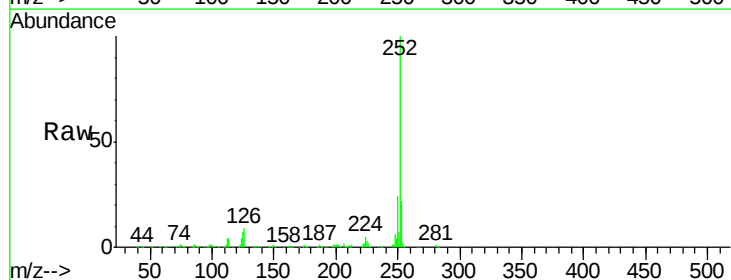
RT: 24.06 min Scan# 3612

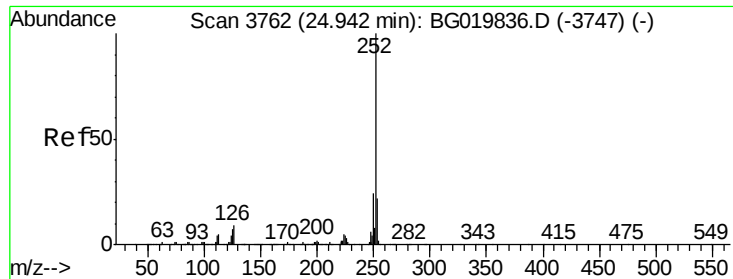
Delta R.T. -0.06 min

Lab File: BG020039.D

Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.0	28.4
125	7.4	8.9	13.3#





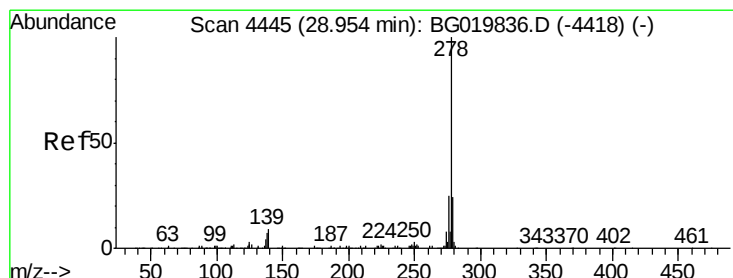
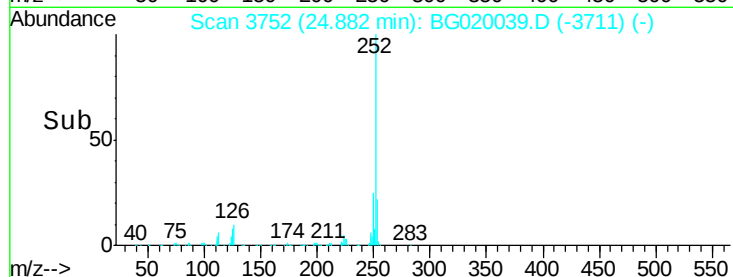
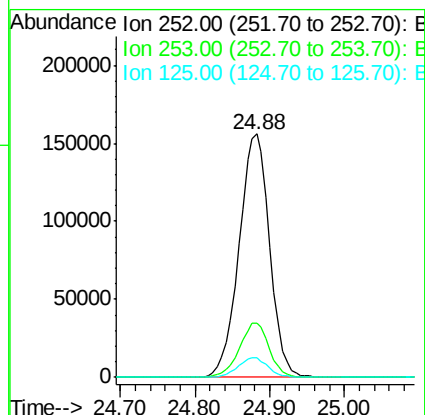
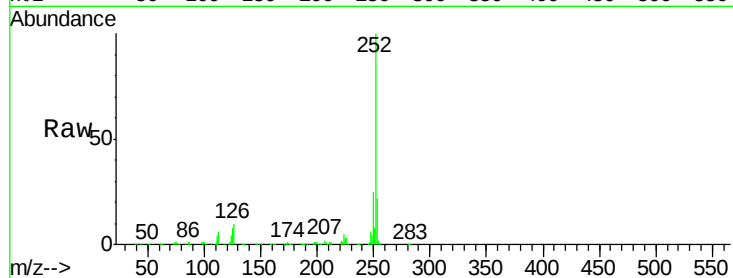
#89
Benzo(a)pyrene
Concen: 40.11 ng
RT: 24.88 min Scan# 3752
Delta R.T. -0.06 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Instrument :
BNA_G
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	18.7	28.1
125	8.0	9.1	13.7

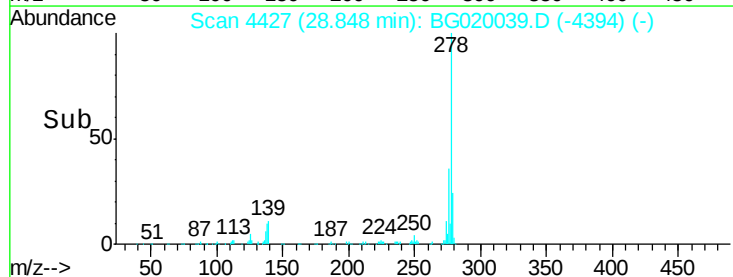
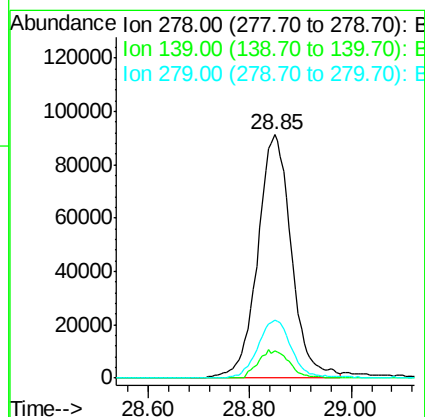
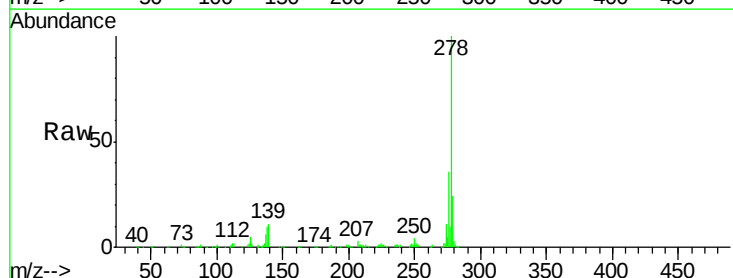
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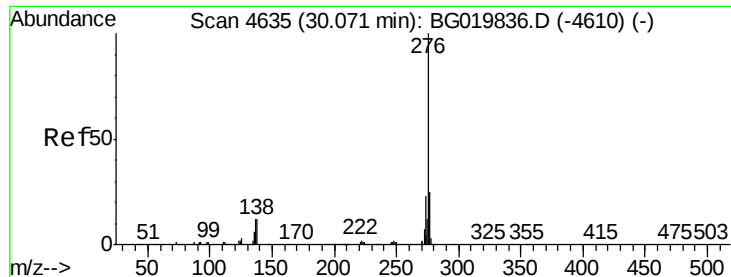
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#90
Dibenzo(a,h)anthracene
Concen: 38.66 ng
RT: 28.85 min Scan# 4427
Delta R.T. -0.11 min
Lab File: BG020039.D
Acq: 9 Dec 2015 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	11.0	13.8	20.6
279	23.9	19.4	29.0





#91
 Benzo(g,h,i)perylene
 Concen: 38.90 ng
 RT: 29.95 min Scan# 4615
 Delta R.T. -0.12 min
 Lab File: BG020039.D
 Acq: 9 Dec 2015 11:59

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.5	18.4	27.6
138	15.0	17.4	26.0

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