

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG019985.D
 Acq On : 7 Dec 2015 17:39
 Operator : UM/NP
 Sample : PB87126BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

Manual Integrations
 APPROVED

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 12/8/2015 6:30:10 PM

Quant Time: Dec 07 18:22:53 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	17063	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	70991	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	49064	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	127187	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	159012	20.00	ng	-0.03
86) Perylene-d12	25.03	264	148120	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	85615	90.69	ng	-0.01
7) Phenol-d6	7.26	99	126140	88.49	ng	-0.01
23) Nitrobenzene-d5	9.28	82	122556	88.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	63952	85.19	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	294290	81.90	ng	-0.02
78) Terphenyl-d14	20.08	244	548520	84.14	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	12457	33.87	ng	# 100
3) Pyridine	3.92	79	40028	35.84	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	21802	37.11	ng	# 81
6) Aniline	7.43	93	43939	23.80	ng	# 86
8) 2-Chlorophenol	7.67	128	48466	42.10	ng	# 96
9) Benzaldehyde	7.24	77	13997	14.73	ng	# 91
10) Phenol	7.29	94	66234	44.15	ng	# 79
11) bis(2-Chloroethyl)ether	7.53	93	44025	39.62	ng	# 87
12) 1,3-Dichlorobenzene	8.00	146	49570	37.99	ng	# 94
13) 1,4-Dichlorobenzene	8.15	146	51693	38.36	ng	# 94
14) 1,2-Dichlorobenzene	8.47	146	49762	38.71	ng	# 94
15) Benzyl Alcohol	8.35	79	50696	40.53	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	67497	37.25	ng	# 96
17) 2-Methylphenol	8.55	107	45250	42.73	ng	# 93
18) Hexachloroethane	9.21	117	19587	38.82	ng	# 99
19) n-Nitroso-di-n-propylamine	8.92	70	42554	37.85	ng	# 88
20) 3+4-Methylphenols	8.88	107	61811	41.45	ng	# 94
22) Acetophenone	8.94	105	73763	37.91	ng	# 94
24) Nitrobenzene	9.32	77	62810	41.63	ng	# 94
25) Isophorone	9.85	82	112997	37.89	ng	# 97
26) 2-Nitrophenol	10.03	139	27008	46.35	ng	# 76
27) 2,4-Dimethylphenol	10.09	122	51421	42.37	ng	# 90
28) bis(2-Chloroethoxy)methane	10.33	93	62493	42.88	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	56156	45.30	ng	# 97
30) 1,2,4-Trichlorobenzene	10.79	180	54801	39.11	ng	# 97
31) Naphthalene	10.98	128	155390	40.86	ng	# 99
32) Benzoic acid	10.21	122	36919	45.50	ng	# 85
33) 4-Chloroaniline	11.08	127	29338	17.51	ng	# 91
34) Hexachlorobutadiene	11.27	225	39301	38.03	ng	# 98
35) Caprolactam	11.86	113	19616m	42.51	ng	# 96
36) 4-Chloro-3-methylphenol	12.20	107	65814	42.63	ng	# 97
37) 2-Methylnaphthalene	12.58	142	118391	42.48	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	74331	39.92	ng	# 99
40) Hexachlorocyclopentadiene	12.93	237	78323	73.77	ng	# 99

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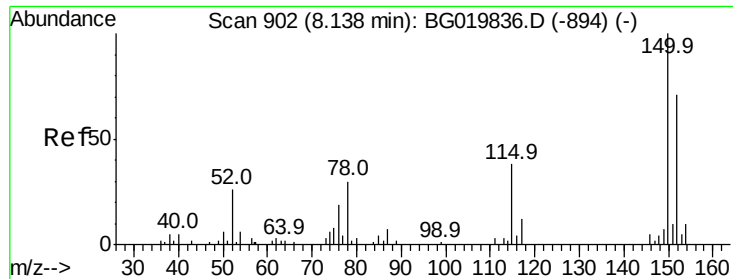
Manual Integrations
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Quant Time: Dec 07 18:22:53 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	51175	41.51	nq	95
43) 2,4,5-Trichlorophenol	13.25	196	58216	44.68	nq	95
45) 1,1'-Biphenyl	13.58	154	157394	39.09	nq	99
46) 2-Chloronaphthalene	13.62	162	126971	40.91	nq	95
47) 2-Nitroaniline	13.82	65	46543	47.48	nq	87
48) Acenaphthylene	14.47	152	214685	40.61	nq	99
49) Dimethylphthalate	14.19	163	176225	39.93	nq	98
50) 2,6-Dinitrotoluene	14.31	165	38124	45.94	nq #	75
51) Acenaphthene	14.81	154	129856	40.48	nq	99
52) 3-Nitroaniline	14.64	138	27387	31.77	nq	95
53) 2,4-Dinitrophenol	14.84	184	37053	83.46	nq #	85
54) Dibenzofuran	15.14	168	213333	44.70	nq	93
55) 4-Nitrophenol	14.94	139	64607	86.05	nq #	66
56) 2,4-Dinitrotoluene	15.09	165	55092	47.59	nq #	85
57) Fluorene	15.79	166	177458	41.55	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	56700	47.02	nq	98
59) Diethylphthalate	15.55	149	186600	39.07	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	95695	39.02	nq	97
61) 4-Nitroaniline	15.80	138	42252	43.58	nq #	72
62) Azobenzene	16.07	77	177260	44.60	nq	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	31300	44.34	nq	91
65) n-Nitrosodiphenylamine	15.99	169	162068	44.03	nq	94
66) 4-Bromophenyl-phenylether	16.67	248	63589	40.24	nq	97
67) Hexachlorobenzene	16.79	284	69852	42.43	nq	98
68) Atrazine	16.93	200	67017	41.91	nq	96
69) Pentachlorophenol	17.13	266	89006	92.63	nq	95
70) Phenanthrene	17.53	178	306834	42.64	nq	97
71) Anthracene	17.62	178	312288	42.61	nq	95
72) Carbazole	17.88	167	275856	42.72	nq	96
73) Di-n-butylphthalate	18.44	149	329477	41.63	nq	97
74) Fluoranthene	19.53	202	391204	42.50	nq	94
76) Benzidine	19.71	184	151270	28.96	nq	95
77) Pyrene	19.89	202	400607	42.82	nq	95
79) Butylbenzylphthalate	20.77	149	155680	42.46	nq	99
80) Benzo(a)anthracene	21.74	228	406795	41.79	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	104709	28.25	nq	98
82) Chrysene	21.80	228	369573	39.99	nq	96
83) Bis(2-ethylhexyl)phthalate	21.64	149	225108	41.83	nq	98
84) Di-n-octyl phthalate	22.87	149	385632	44.08	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	449260	44.13	nq #	100
87) Benzo(b)fluoranthene	23.99	252	396195	42.20	nq #	95
88) Benzo(k)fluoranthene	24.07	252	381347	41.02	nq #	95
89) Benzo(a)pyrene	24.89	252	379048	42.53	nq #	96
90) Dibenzo(a,h)anthracene	28.86	278	370315	42.06	nq #	94
91) Benzo(g,h,i)perylene	29.96	276	365187	42.24	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

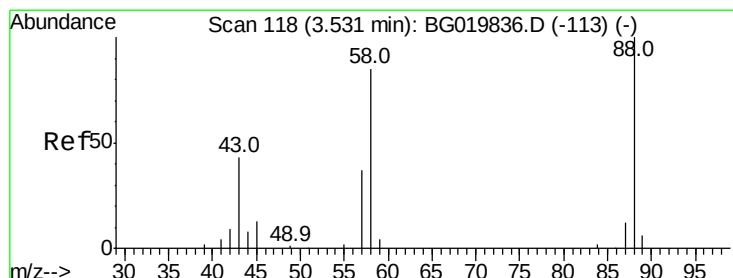
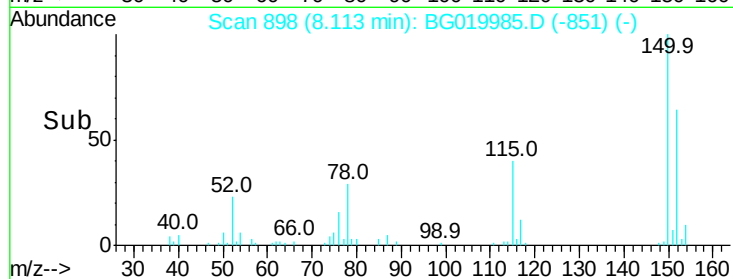
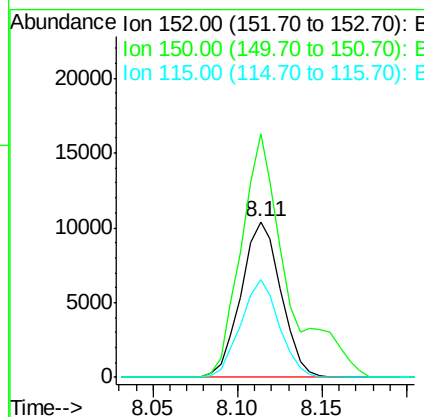
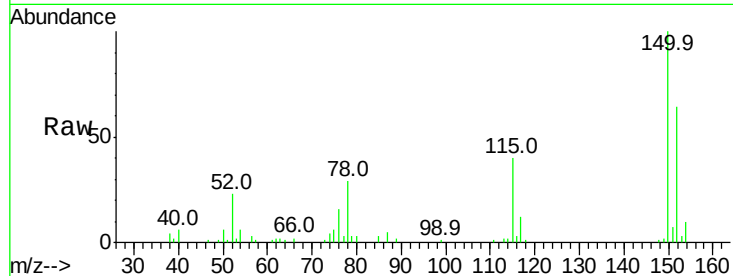
ClientSampleId :

PB87126BS

Tot Ion:	152	Resp:	17063
Ion Ratio	Lower	Upper	
152	100		
150	156.8	115.0	172.4
115	63.1	43.9	65.9

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#2

1,4-Dioxane

Concen: 33.87 ng

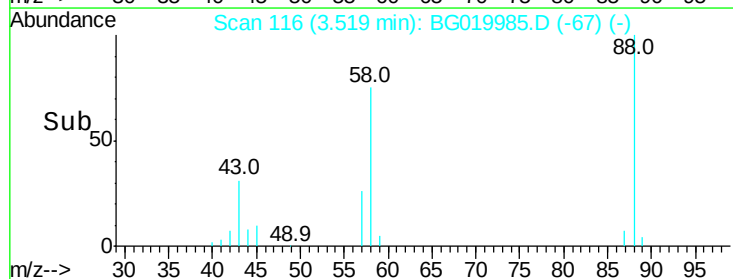
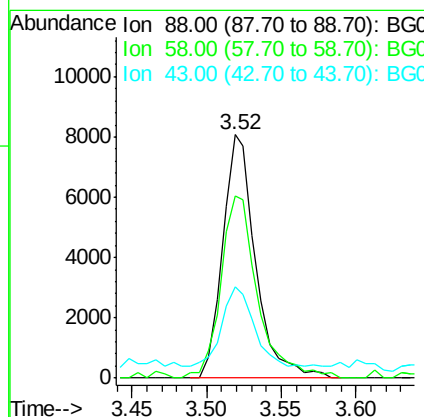
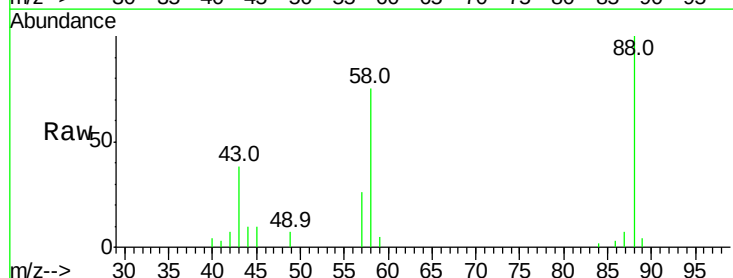
RT: 3.52 min Scan# 116

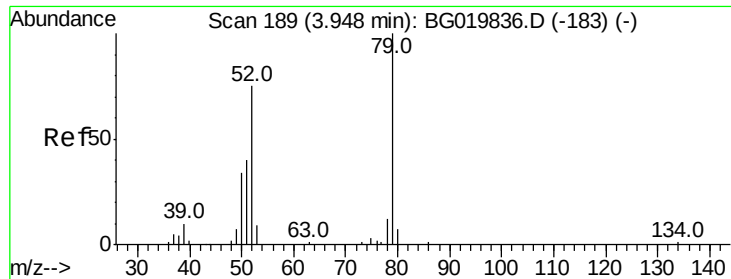
Delta R.T. -0.01 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	88	Resp:	12457
Ion Ratio	Lower	Upper	
88	100		
58	83.8	0.0	0.0#
43	32.0	0.0	0.0#





#3

Pvridine

Concen: 35.84 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

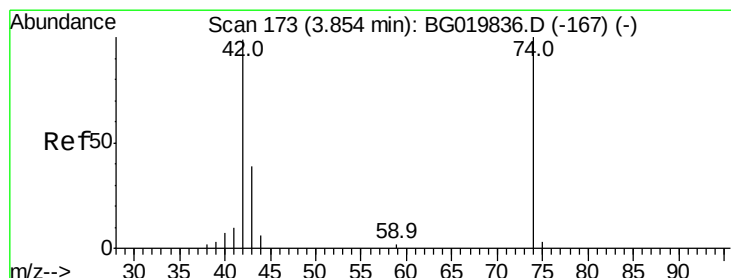
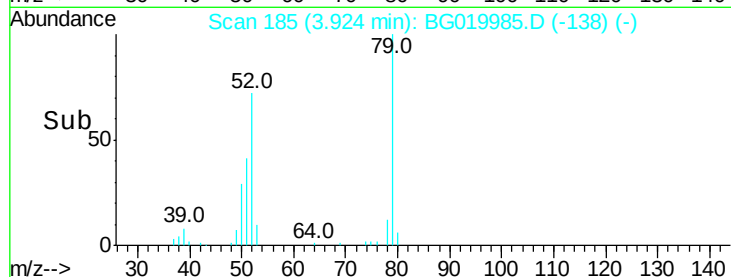
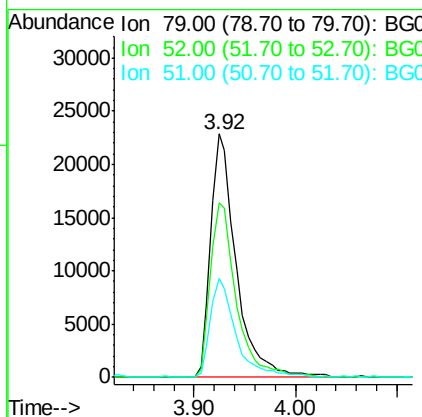
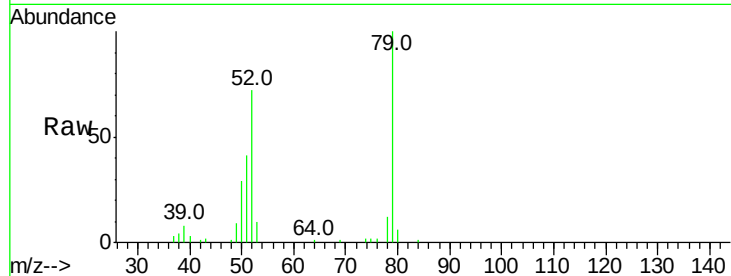
ClientSampleId :

PB87126BS

Tot Ion:	79	Resp:	40028
Ion Ratio	Lower	Upper	
79	100		
52	71.8	50.3	75.5
51	40.6	24.8	37.2#

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#4

n-Nitrosodimethylamine

Concen: 37.11 ng

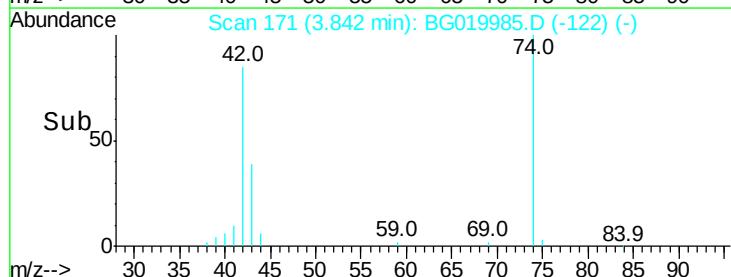
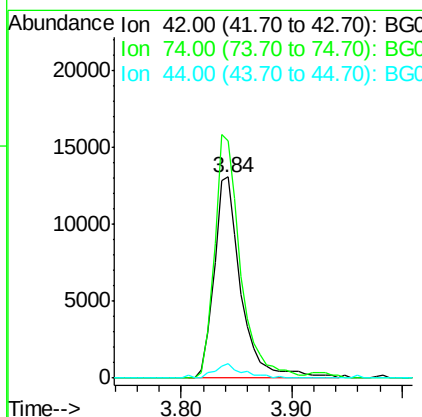
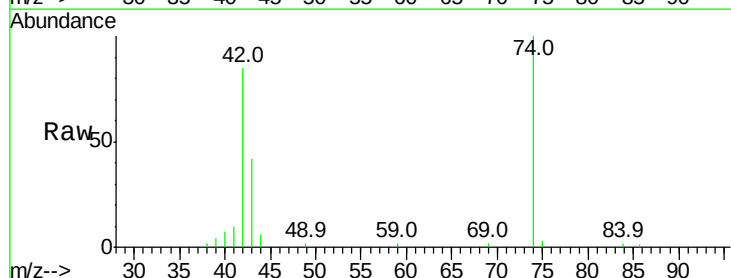
RT: 3.84 min Scan# 171

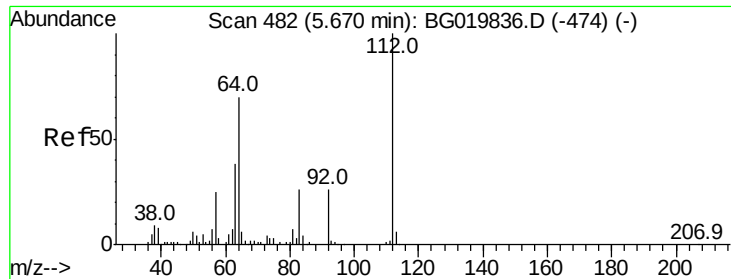
Delta R.T. -0.01 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	42	Resp:	21802
Ion Ratio	Lower	Upper	
42	100		
74	117.8	113.9	170.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 90.69 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

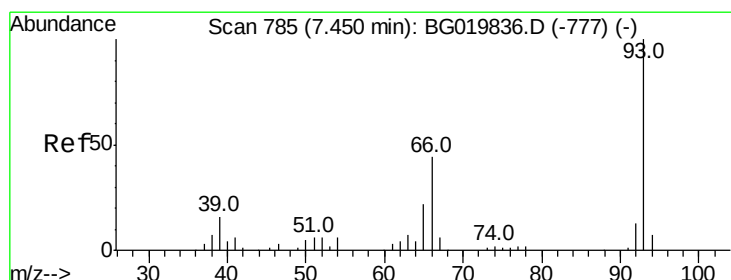
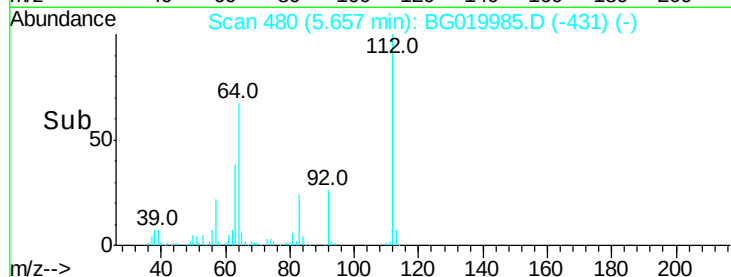
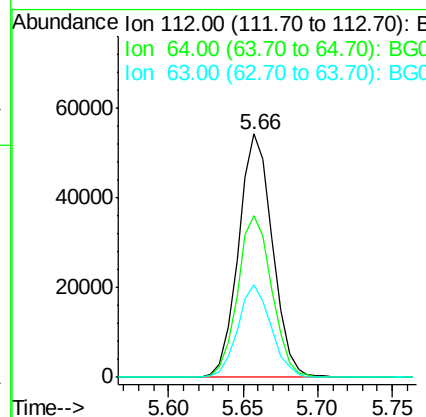
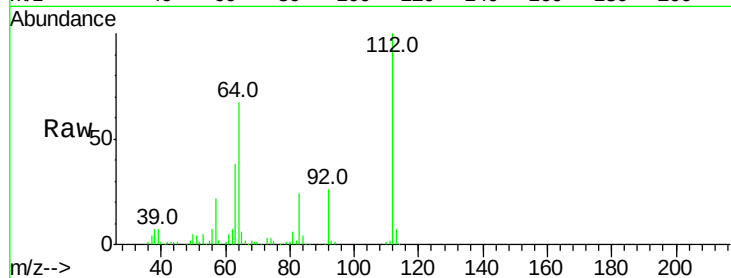
ClientSampleId :

PB87126BS

Tot Ion:	112	Resp:	85615
Ion Ratio	Lower	Upper	
112	100		
64	66.6	43.7	65.5#
63	37.9	24.0	36.0#

Manual Integrations
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#6

Aniline

Concen: 23.80 ng

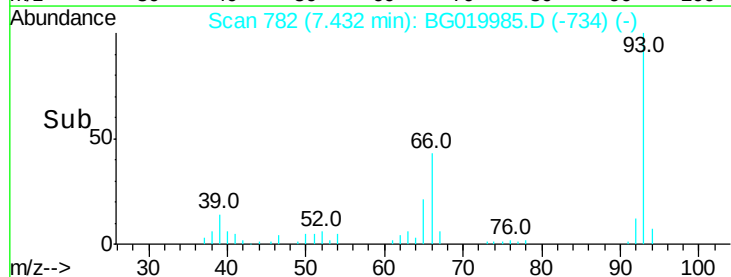
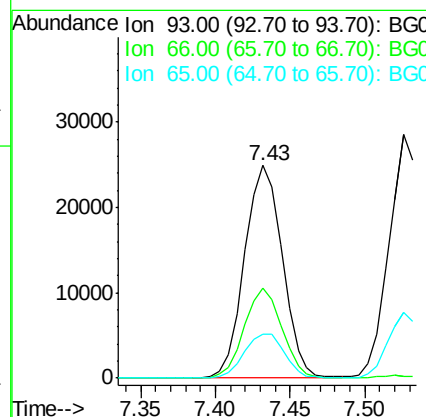
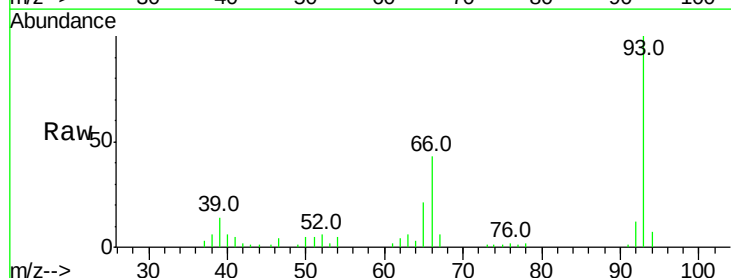
RT: 7.43 min Scan# 782

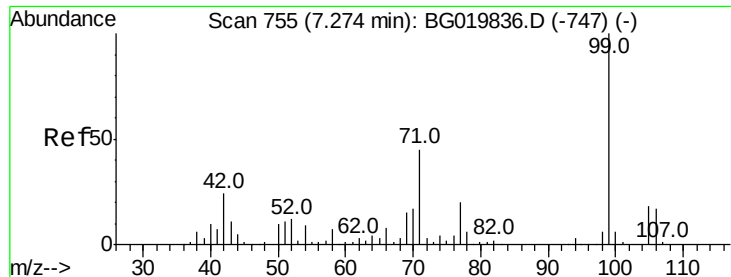
Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	93	Resp:	43939
Ion Ratio	Lower	Upper	
93	100		
66	42.6	26.2	39.2#
65	20.8	14.0	21.0





#7

Phenol-d6

Concen: 88.49 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87126BS

Tot Ion: 99 Resp: 126140

Ion Ratio Lower Upper

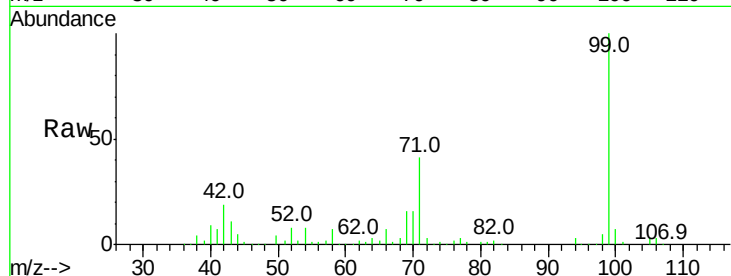
99 100

42 19.4 11.5 17.3#

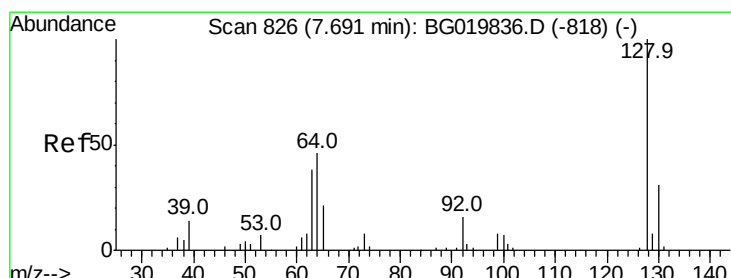
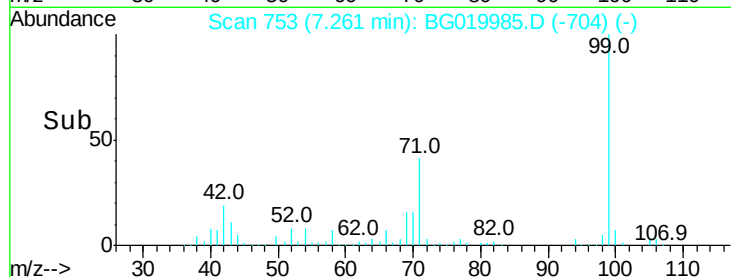
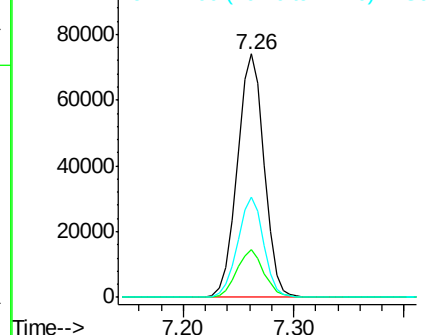
71 41.1 22.6 34.0#

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.10 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

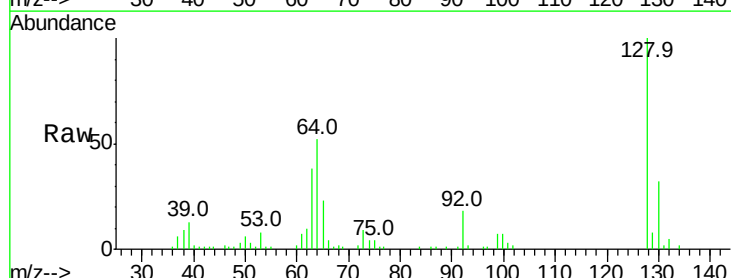
Tgt Ion: 128 Resp: 48466

Ion Ratio Lower Upper

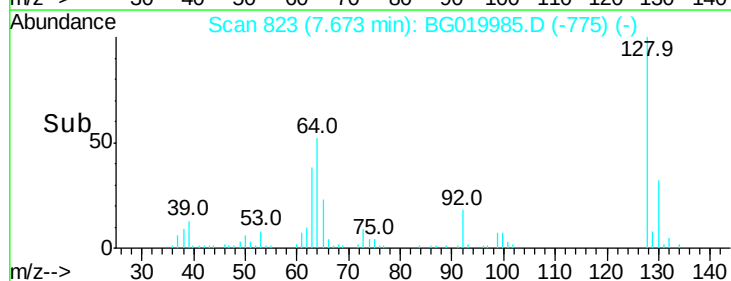
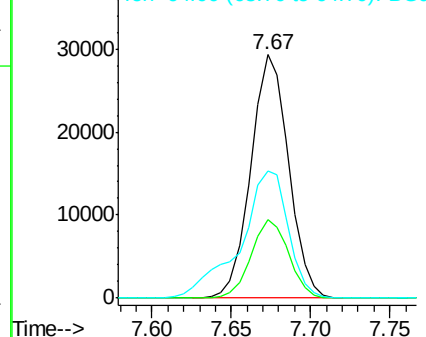
128 100

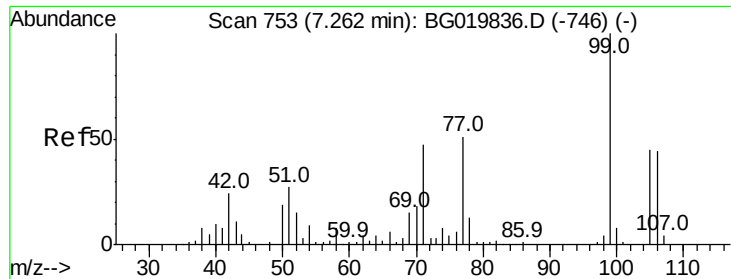
130 32.5 13.0 53.0

64 52.4 28.2 68.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.73 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

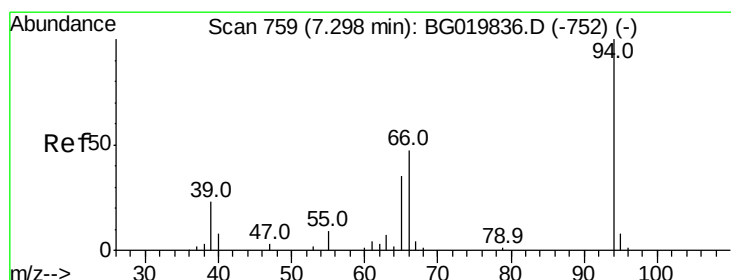
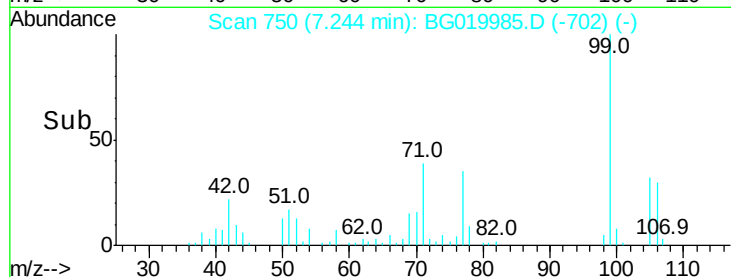
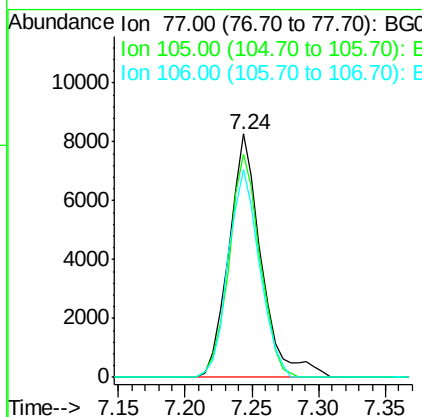
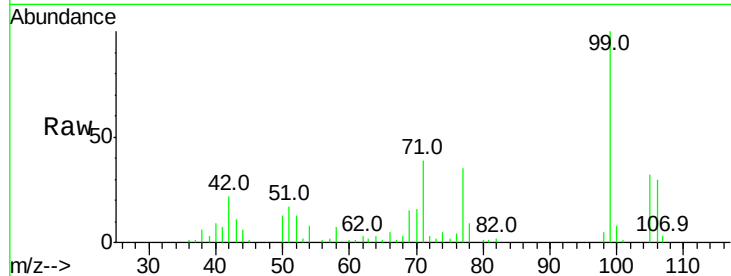
ClientSampleID :

PB87126BS

Tot Ion:	77	Resp:	13997
Ion	Ratio	Lower	Upper
77	100		
105	91.5	77.7	117.7
106	85.2	75.8	115.8

Manual Integrations
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#10

Phenol

Concen: 44.15 ng

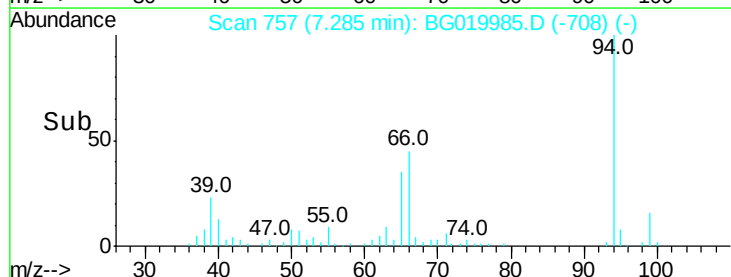
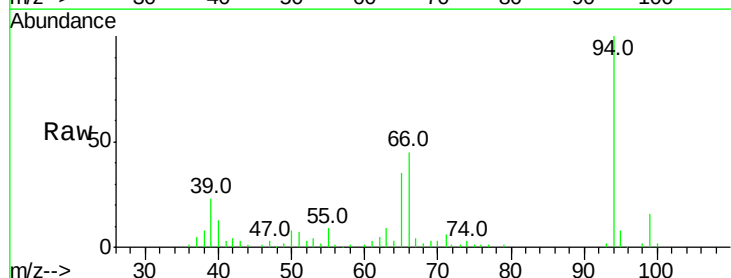
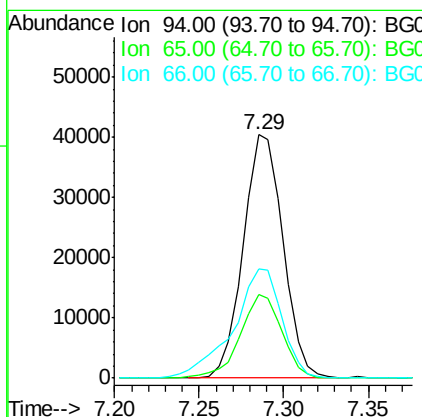
RT: 7.29 min Scan# 757

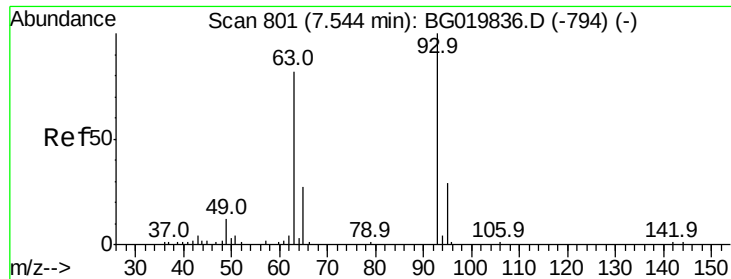
Delta R.T. -0.01 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	94	Resp:	66234
Ion	Ratio	Lower	Upper
94	100		
65	34.5	5.4	45.4
66	44.9	11.8	51.8





#11

bis(2-Chloroethyl)ether

Concen: 39.62 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

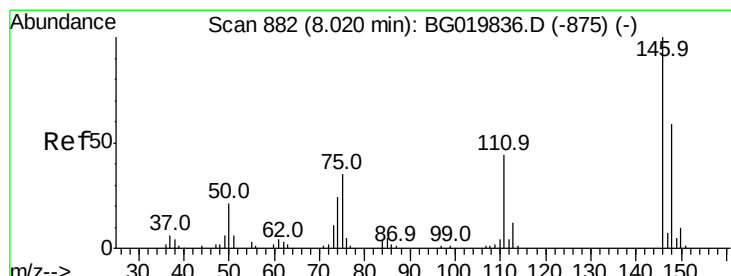
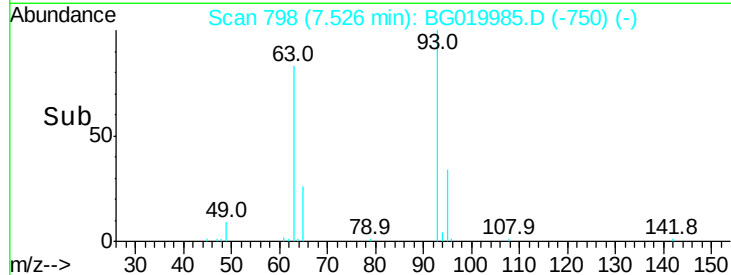
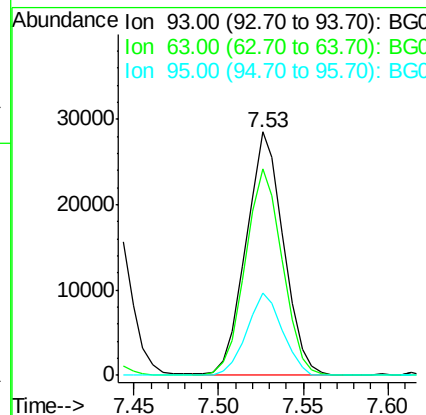
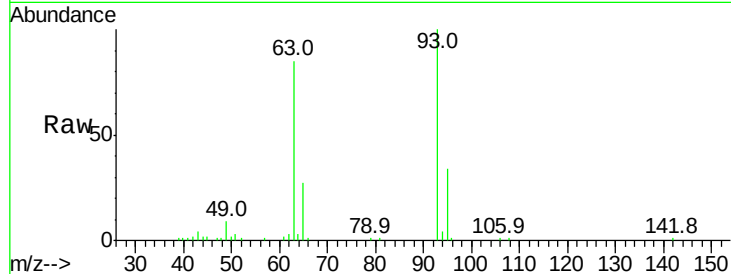
ClientSampleId :

PB87126BS

Tot Ion:	93	Resp:	44025
Ion Ratio	Lower	Upper	
93	100		
63	84.9	50.5	90.5
95	33.9	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 37.99 ng

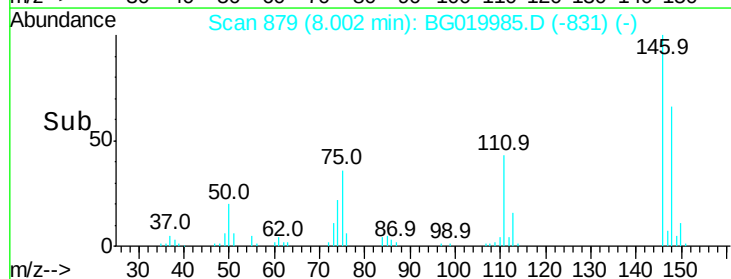
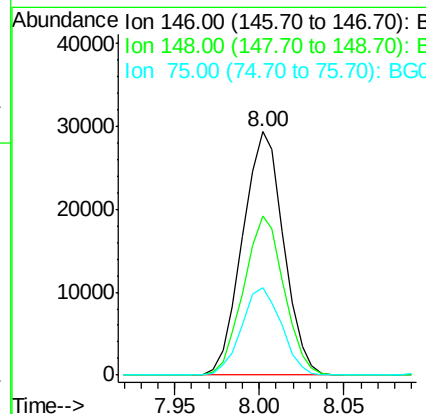
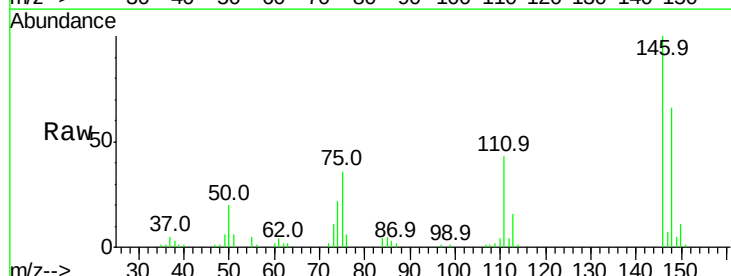
RT: 8.00 min Scan# 879

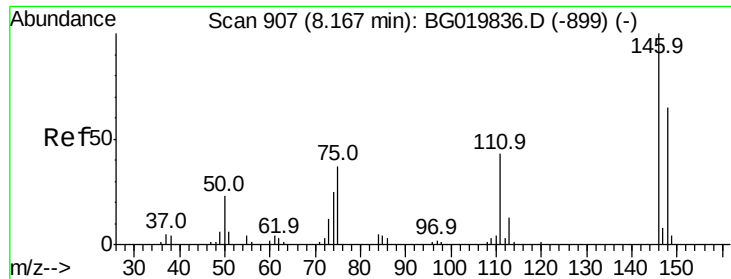
Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	146	Resp:	49570
Ion Ratio	Lower	Upper	
146	100		
148	65.6	53.4	80.0
75	35.8	21.1	31.7#





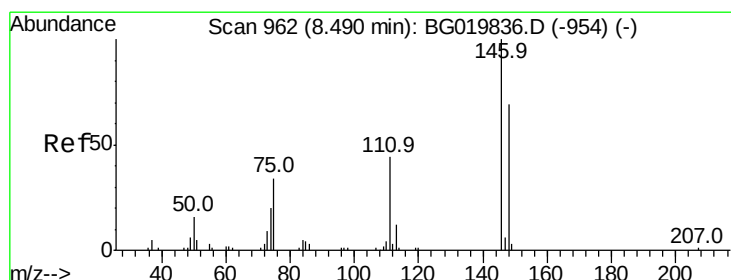
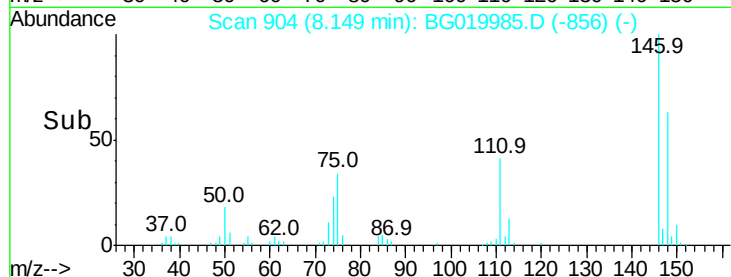
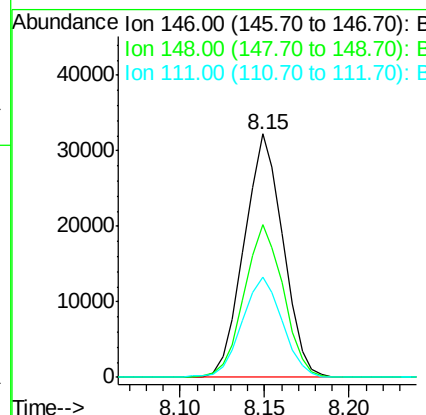
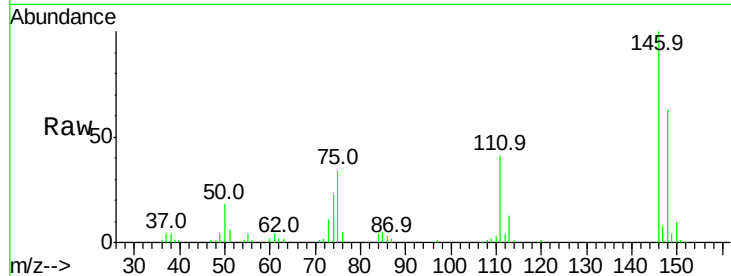
#13
 1,4-Dichlorobenzene
 Concen: 38.36 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.5	78.7
111	41.3	28.3	42.5

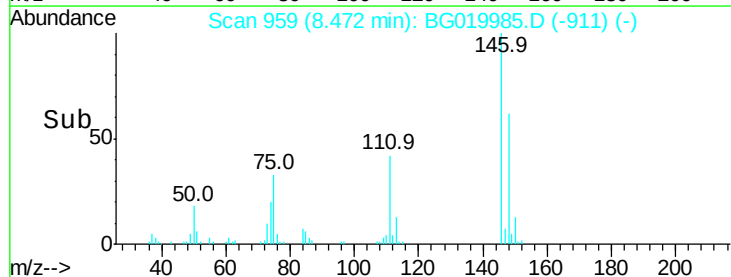
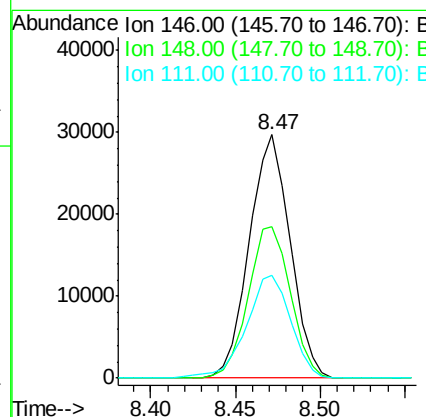
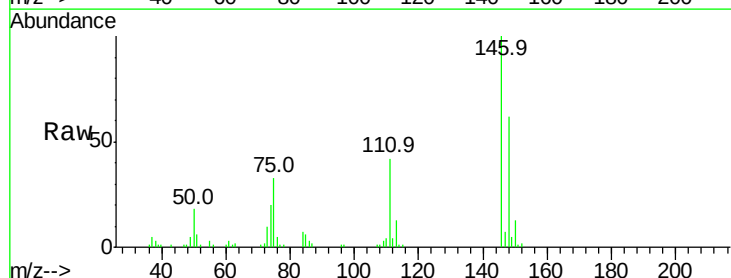
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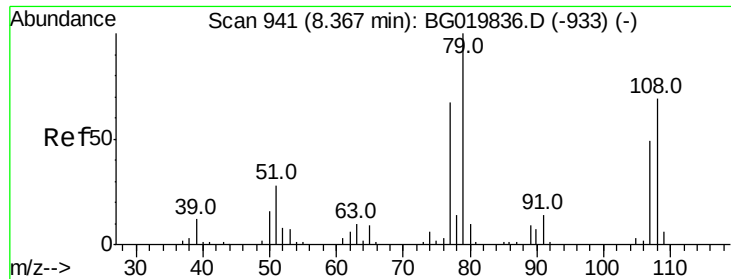
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#14
 1,2-Dichlorobenzene
 Concen: 38.71 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.5	78.7
111	42.1	29.9	44.9





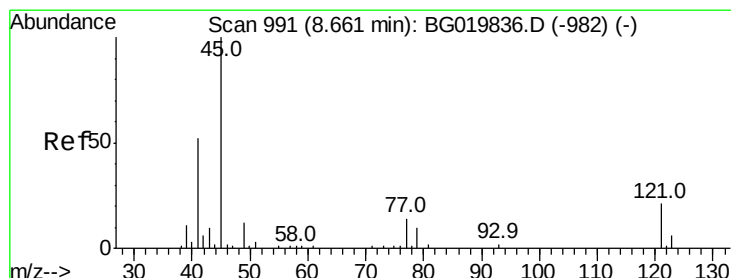
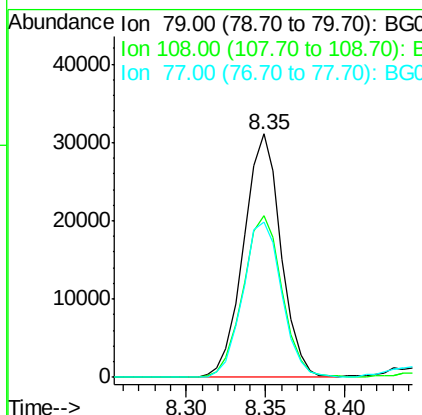
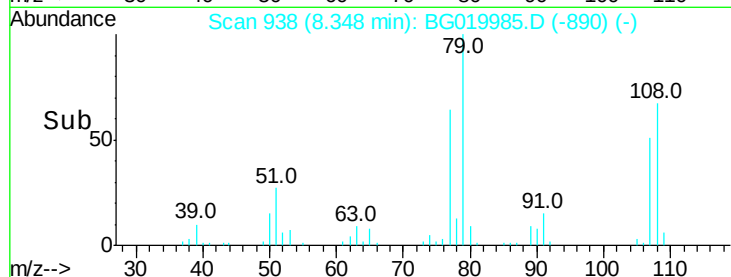
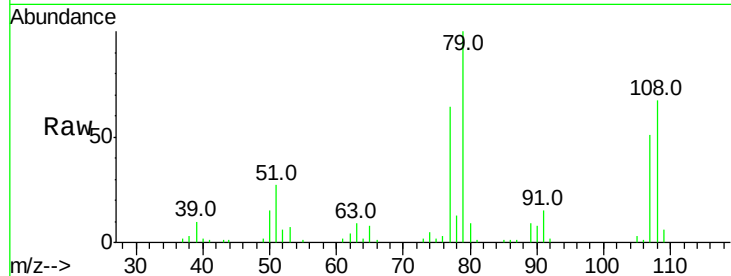
#15
Benzyl Alcohol
Concen: 40.53 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.6	65.5	98.3
77	63.8	51.3	76.9

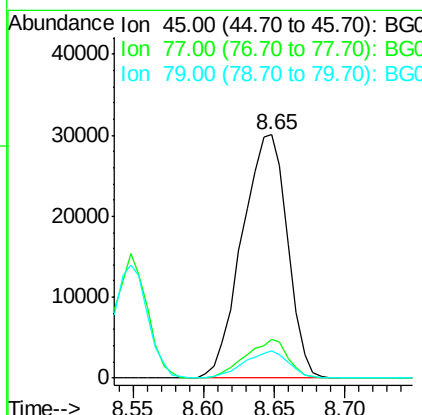
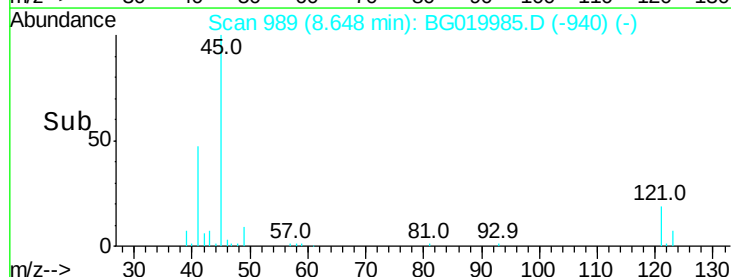
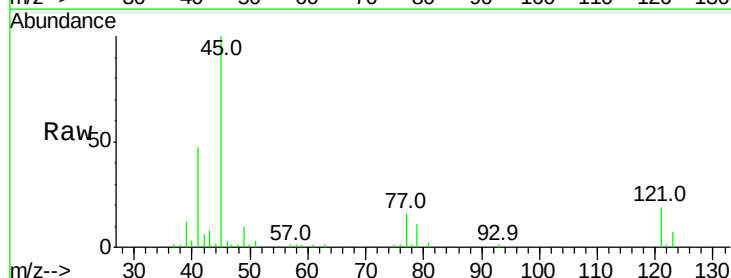
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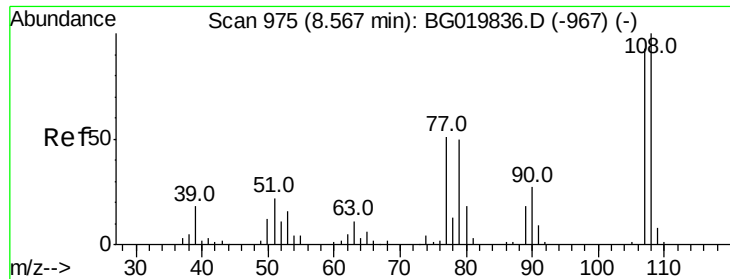
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.25 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	37.0
79	11.3	0.0	33.8





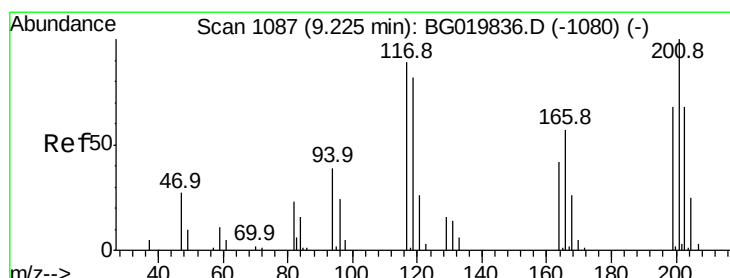
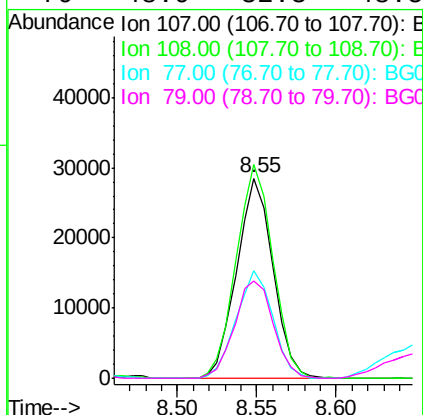
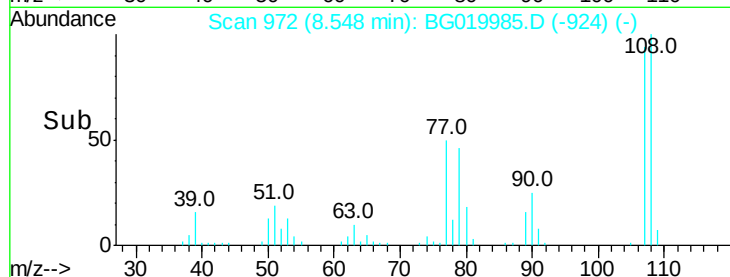
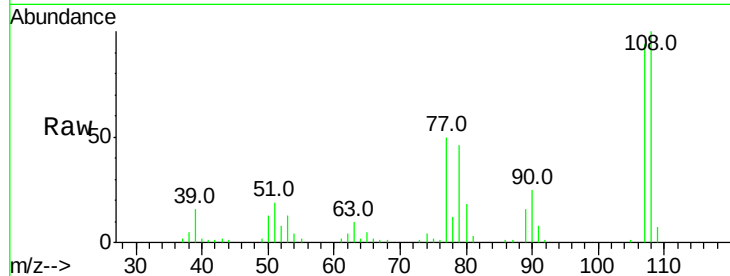
#17
2-Methylphenol
Concen: 42.73 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.9	86.5	129.7	
77	53.8	34.6	51.8#	
79	48.9	32.3	48.5#	

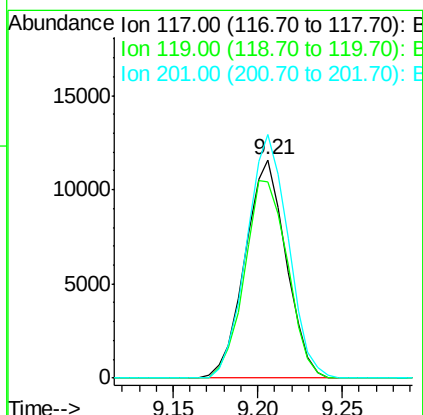
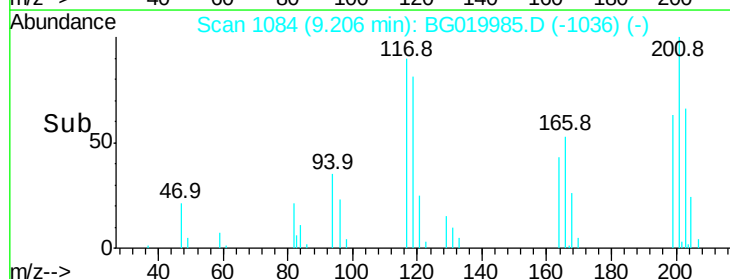
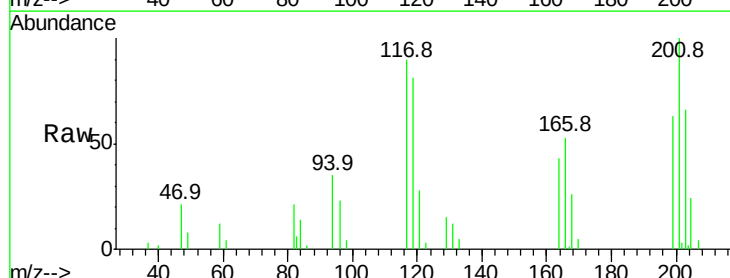
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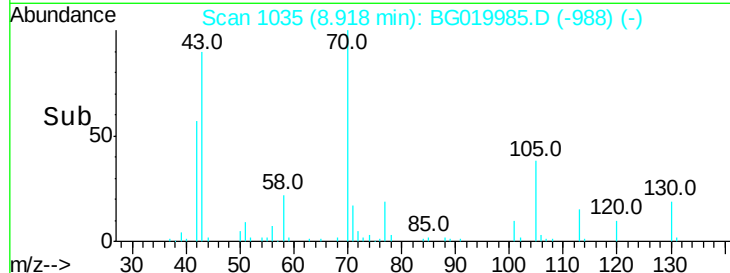
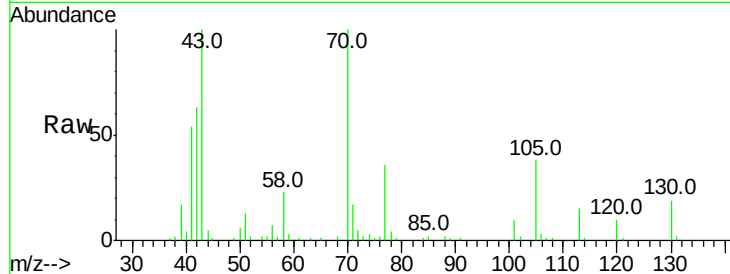
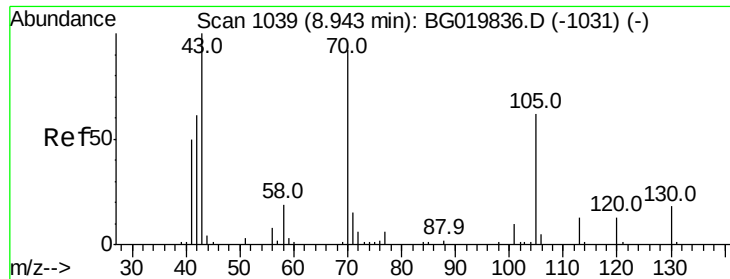
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#18
Hexachloroethane
Concen: 38.82 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.9	71.7	107.5	
201	115.0	90.9	136.3	





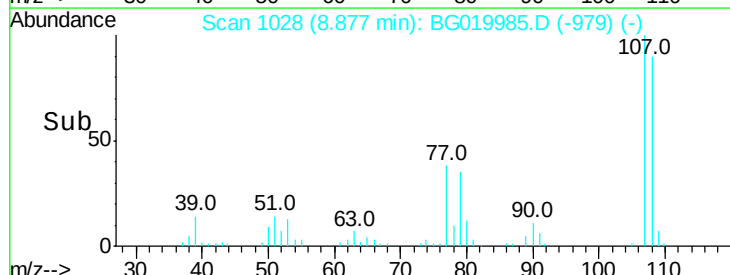
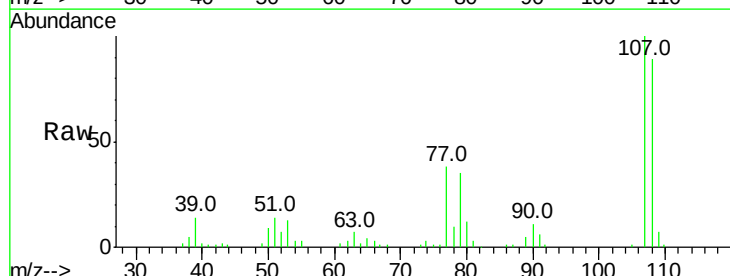
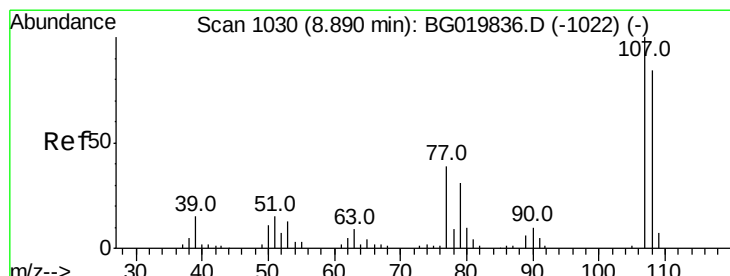
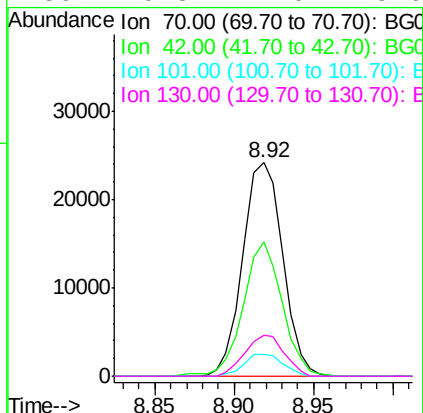
#19
n-Nitroso-di-n-propylamine
Concen: 37.85 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

Manual Integrations
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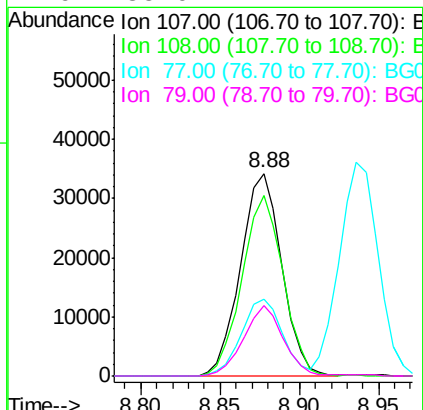
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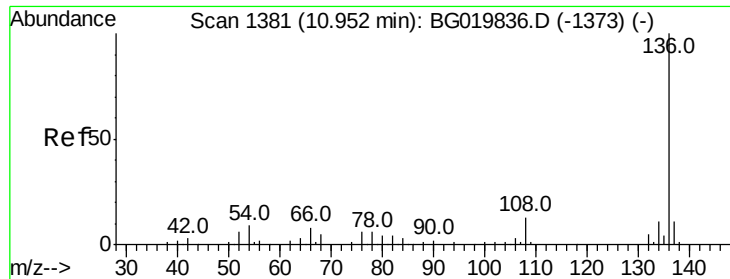
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.8	40.6	60.8#	
101	10.0	8.6	13.0	
130	19.3	17.0	25.6	



#20
3+4-Methylphenols
Concen: 41.45 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	72.2	112.2	
77	38.0	13.4	53.4	
79	35.0	7.2	47.2	





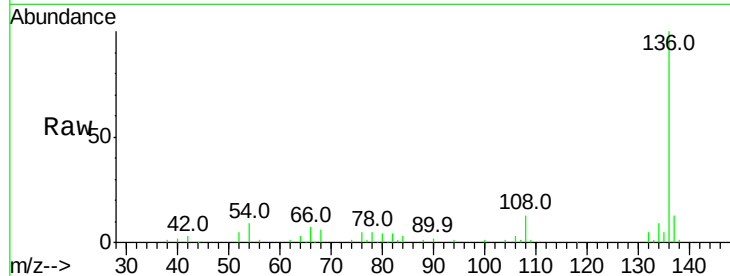
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

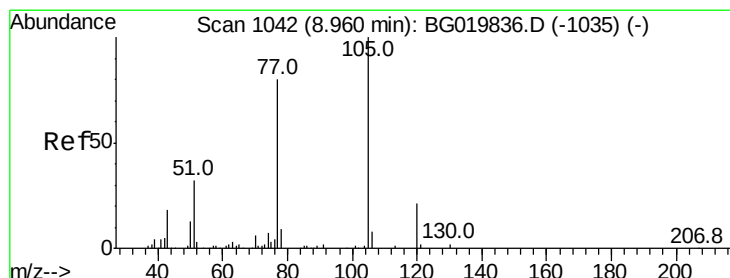
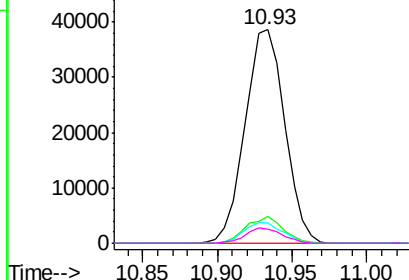
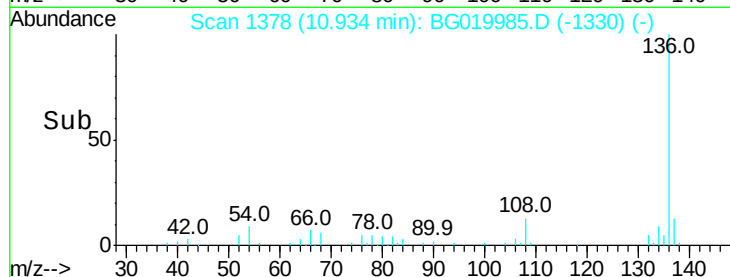
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.6	8.6	12.8	
54	9.5	5.4	8.2	
68	6.5	5.3	7.9	

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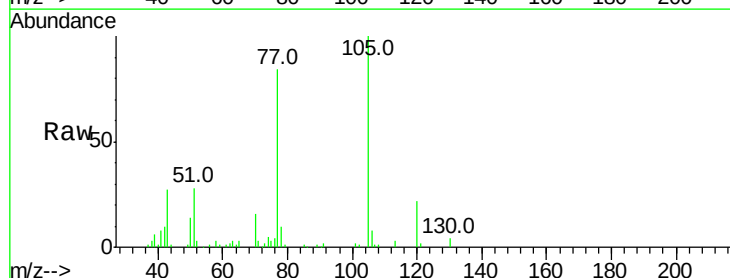


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

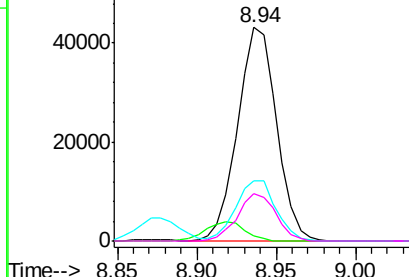
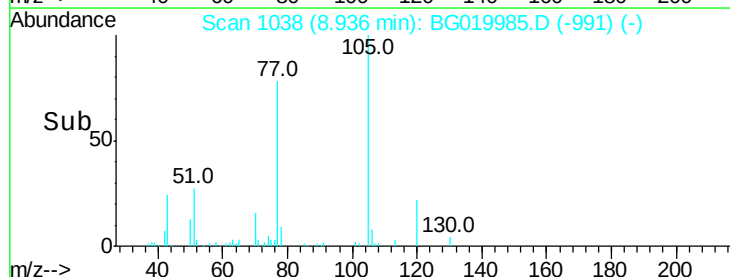


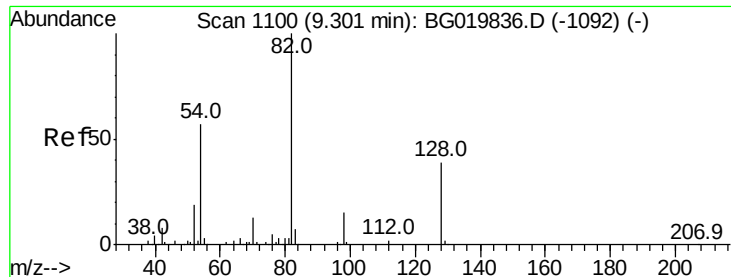
#22
Acetophenone
Concen: 37.91 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	2.1	3.1	
51	28.4	17.8	26.8	
120	21.9	17.7	26.5	



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





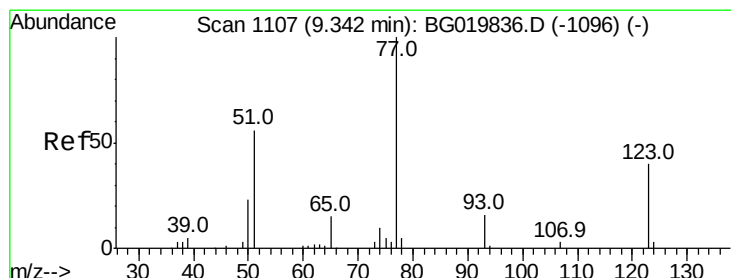
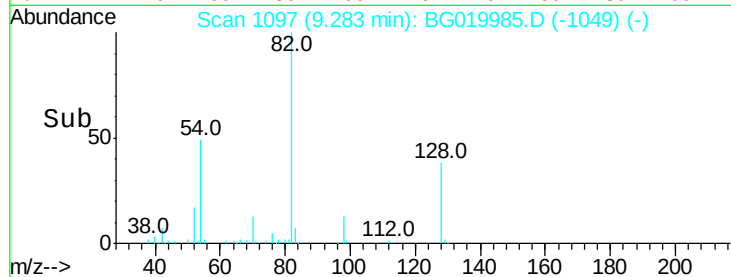
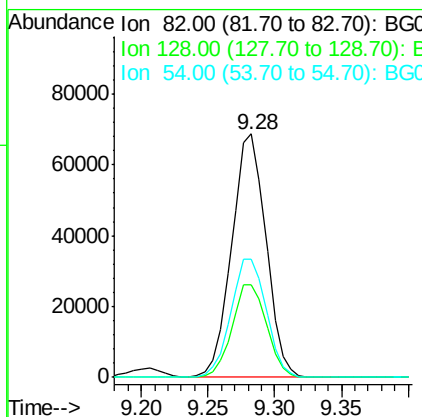
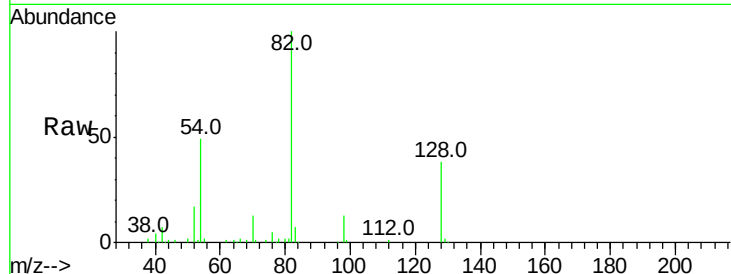
#23
Nitrobenzene-d5
Concen: 88.11 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	122556		
128	37.8	36.7	55.1	
54	48.7	33.8	50.8	

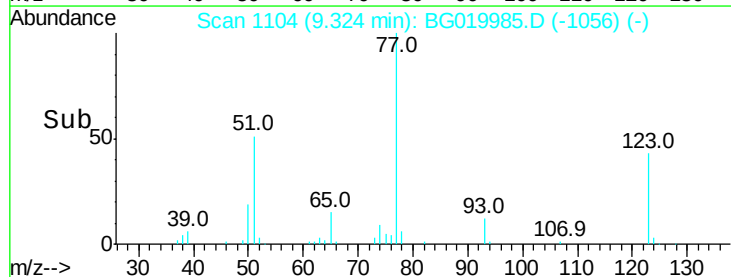
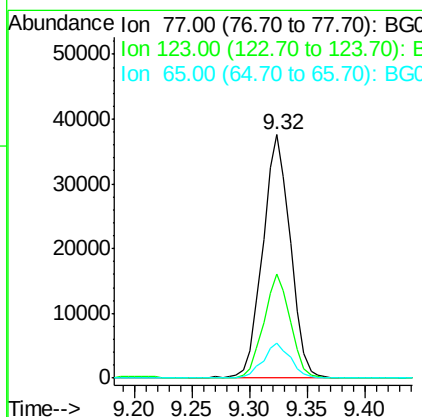
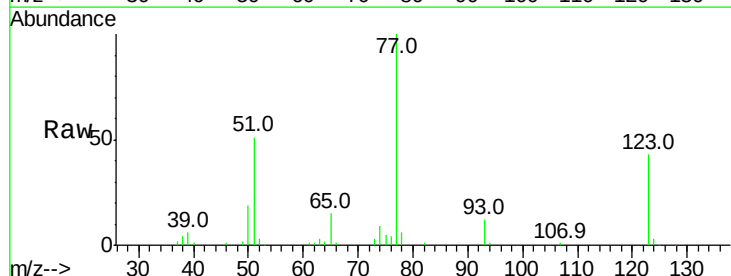
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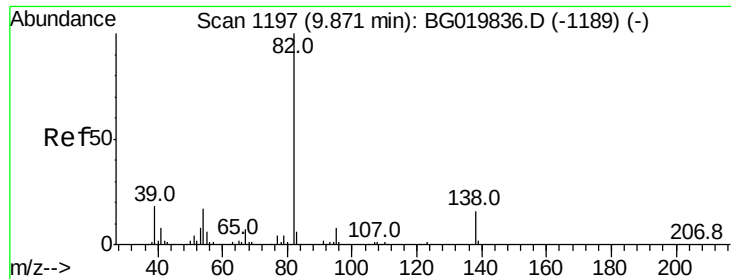
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#24
Nitrobenzene
Concen: 41.63 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	62810		
123	42.9	38.2	57.2	
65	14.5	10.6	16.0	





#25

Isophorone

Concen: 37.89 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87126BS

Tot Ion: 82 Resp: 112997
Ion Ratio Lower Upper

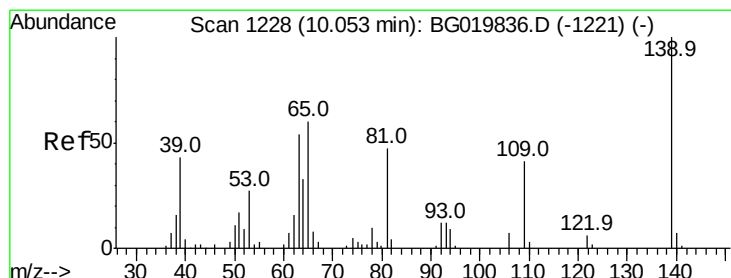
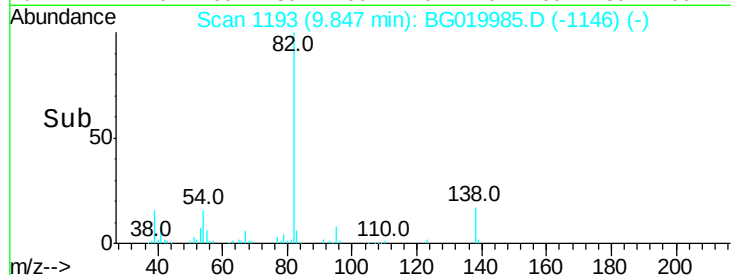
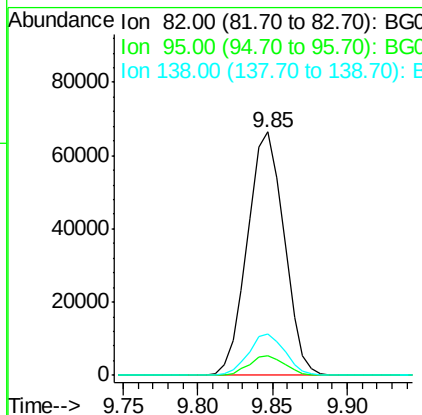
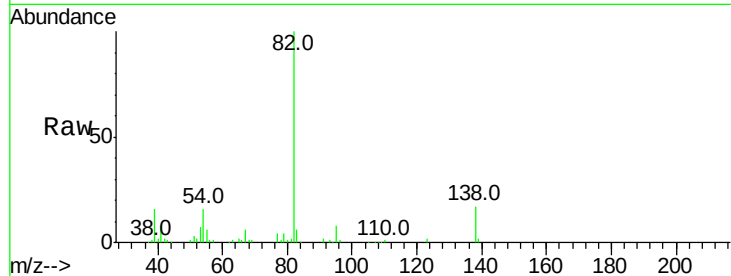
82 100

95 7.8 5.2 7.8#

138 17.1 14.4 21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.35 ng

RT: 10.03 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG019985.D

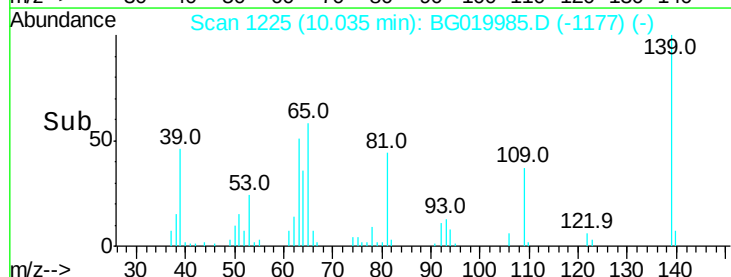
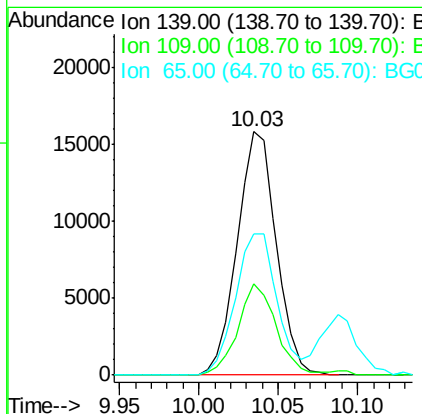
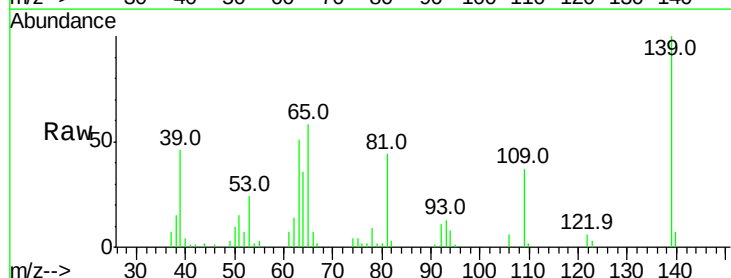
Acq: 7 Dec 2015 17:39

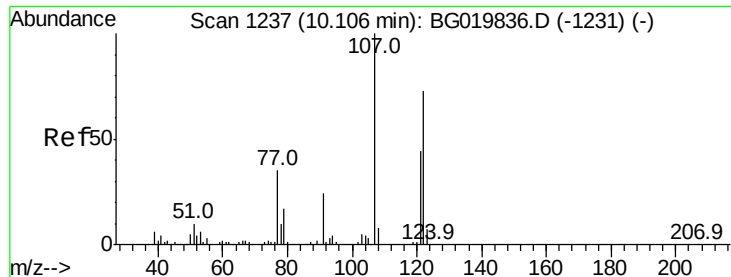
Tgt Ion: 139 Resp: 27008
Ion Ratio Lower Upper

139 100

109 37.3 20.1 30.1#

65 58.1 34.1 51.1#





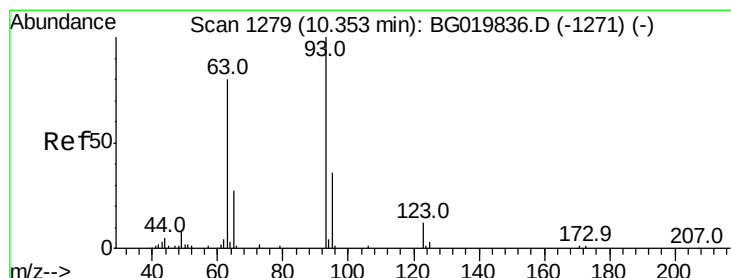
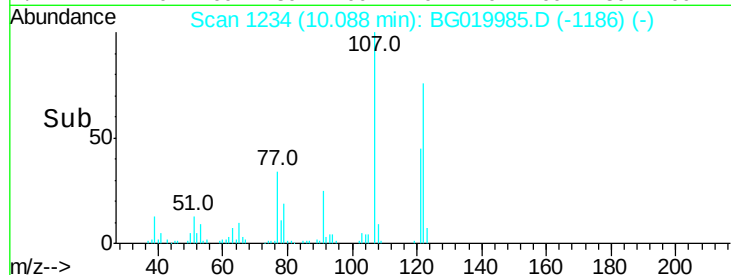
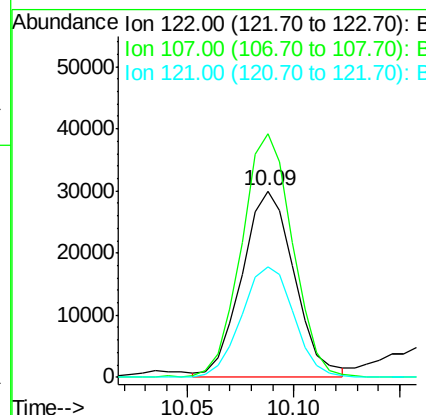
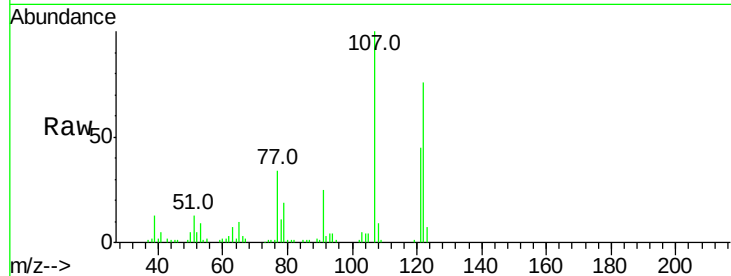
#27
 2,4-Dimethylphenol
 Concen: 42.37 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.8	91.6	137.4
121	59.2	47.3	70.9

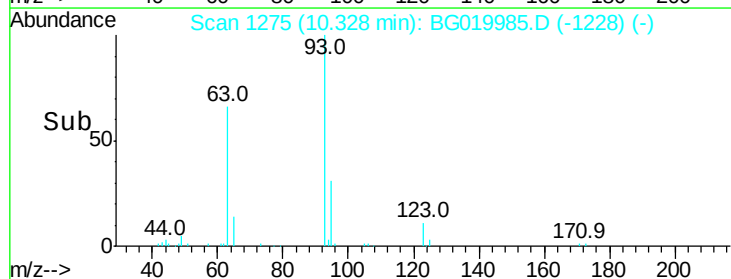
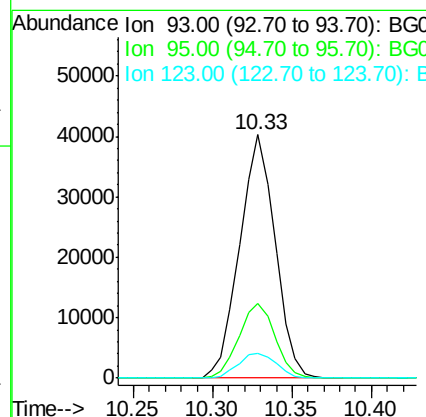
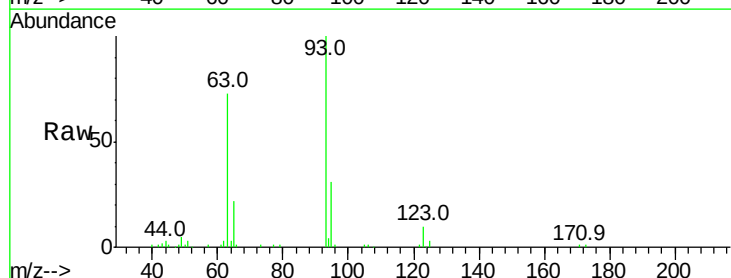
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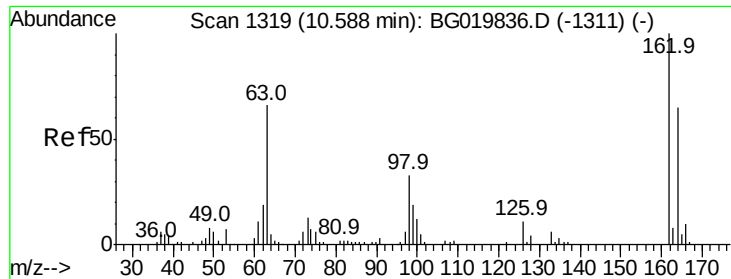
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.88 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	25.7	38.5
123	10.4	8.6	12.8





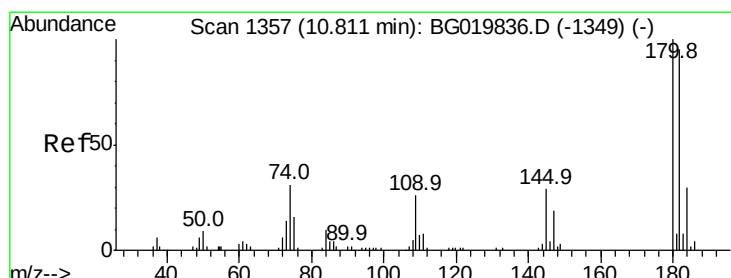
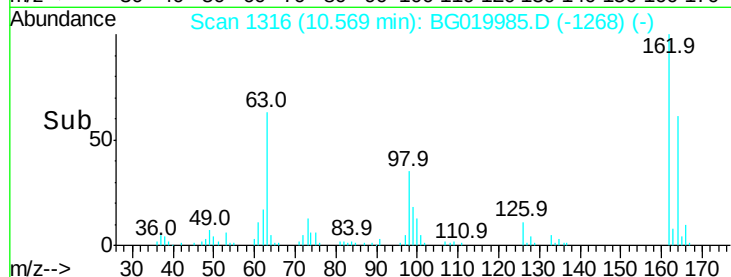
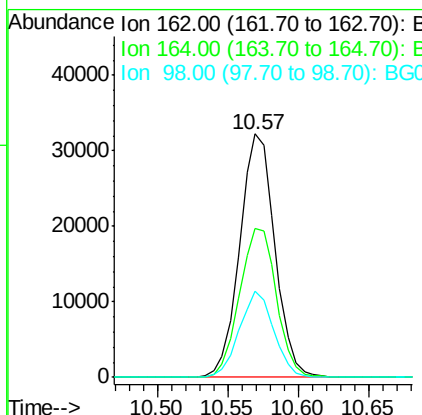
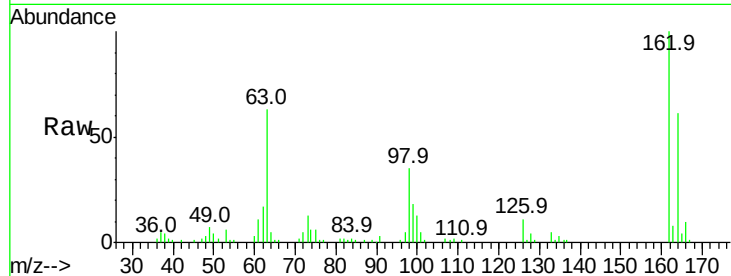
#29
 2,4-Dichlorophenol
 Concen: 45.30 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

Tot Ion:	162	Resp:	56156
Ion Ratio	Lower	Upper	
162	100		
164	61.4	42.3	82.3
98	35.4	11.5	51.5

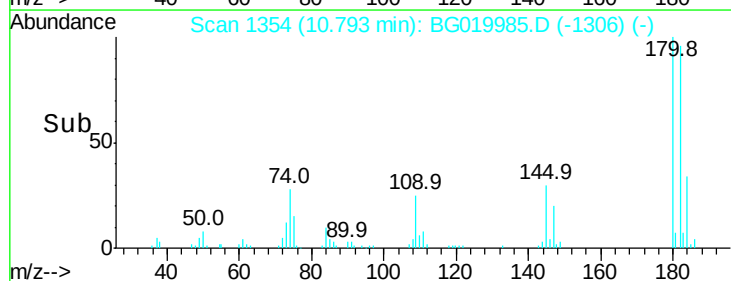
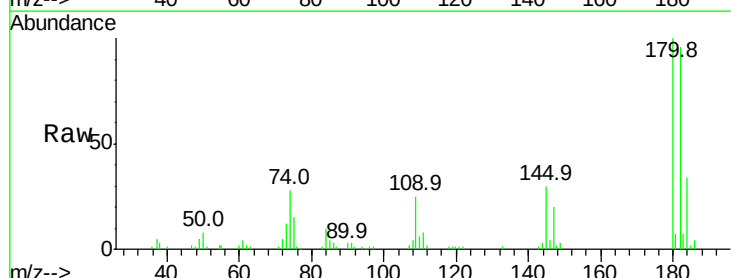
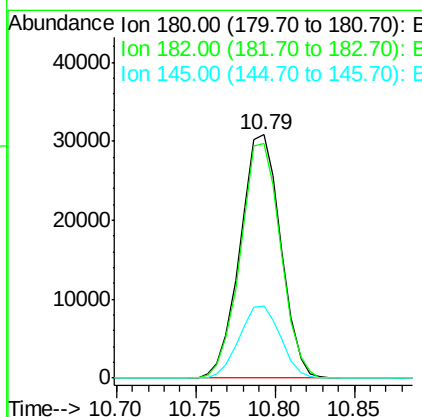
Manual Integrations
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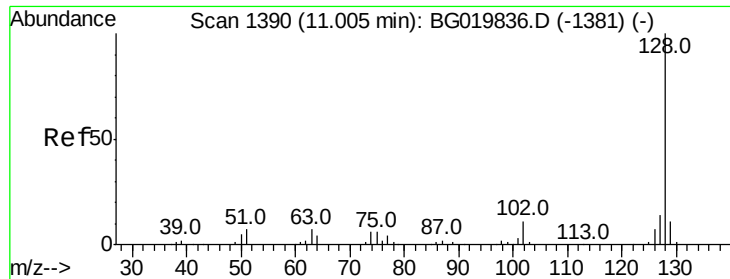
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.11 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Tgt Ion:	180	Resp:	54801
Ion Ratio	Lower	Upper	
180	100		
182	96.3	79.7	119.5
145	29.6	22.0	33.0





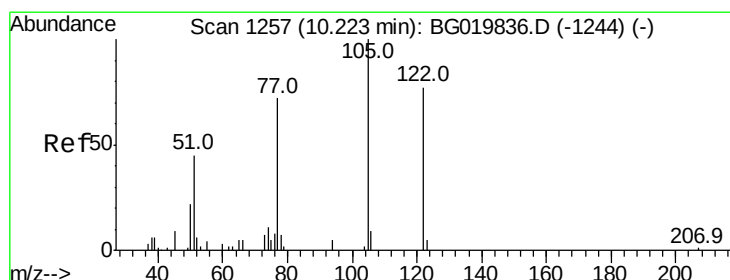
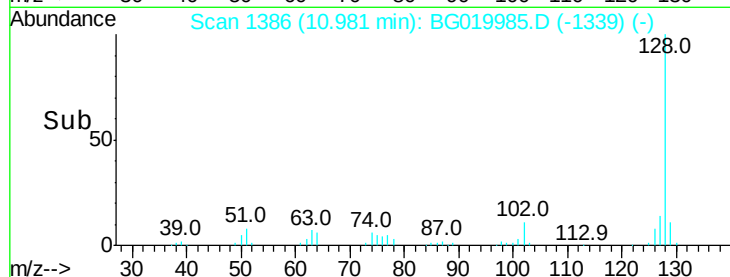
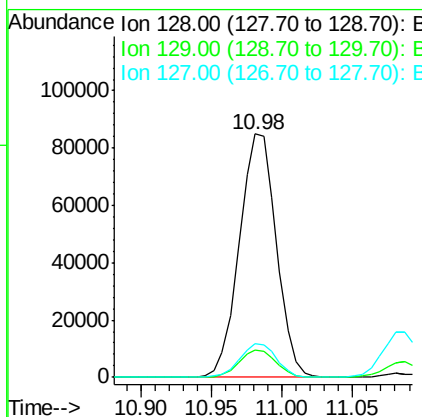
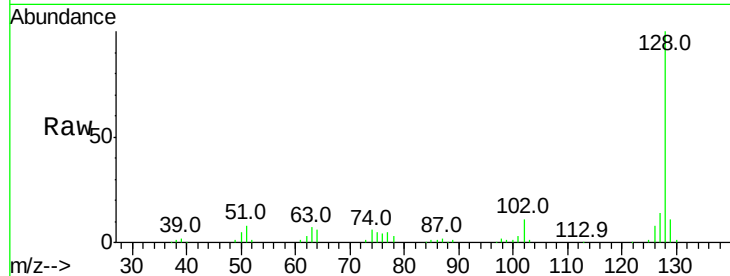
#31
Naphthalene
Concen: 40.86 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	155390		
129	11.1	8.5	12.7	
127	13.6	10.6	16.0	

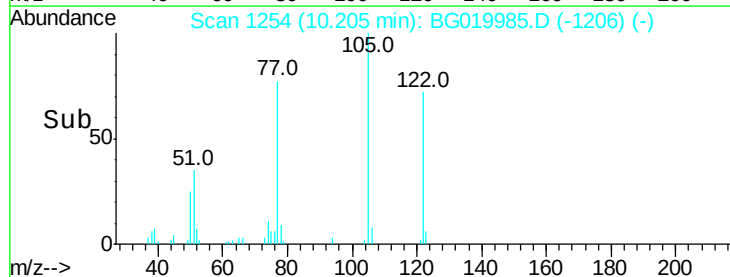
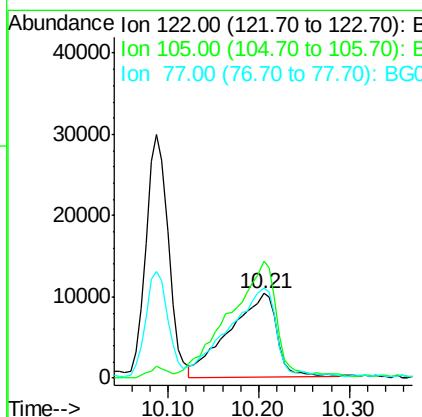
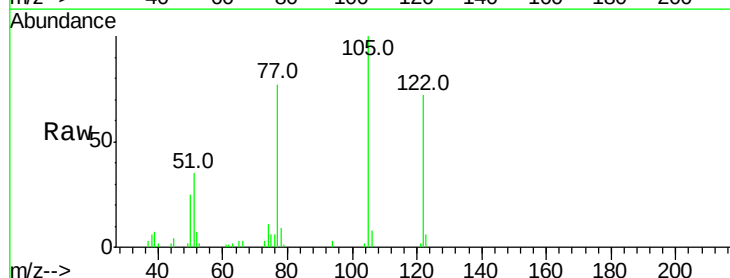
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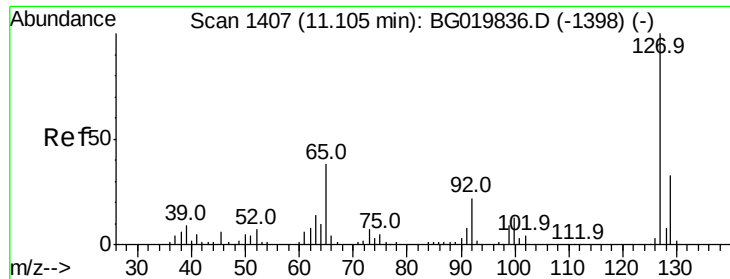
Mmdadoda
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#32
Benzoic acid
Concen: 45.50 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	36919		
105	138.1	103.8	143.8	
77	106.7	68.8	108.8	





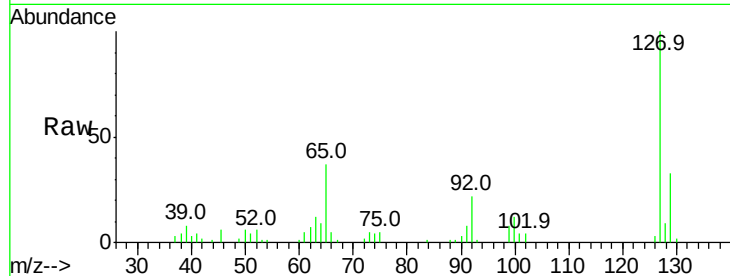
#33
4-Chloroaniline
Concen: 17.51 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

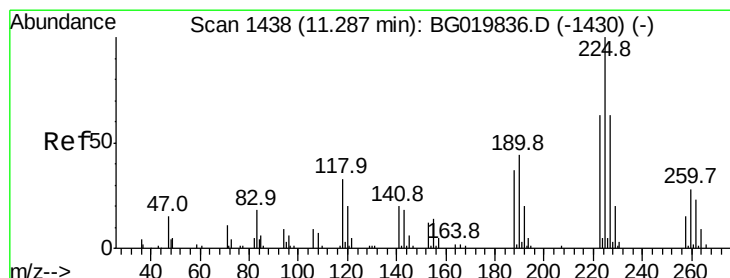
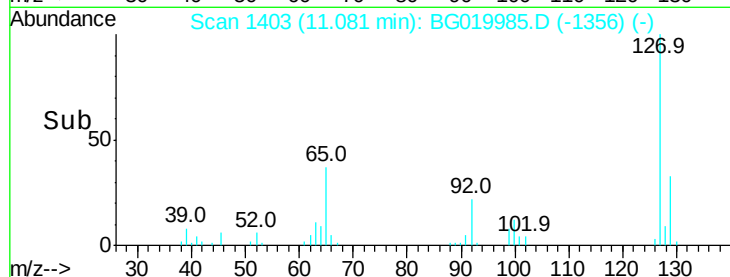
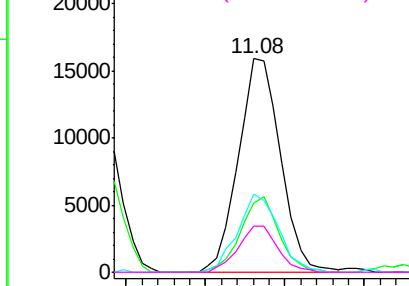
Tot Ion	Ratio	Resp	Lower	Upper
127	100	29338		
129	32.6		24.6	37.0
65	36.6		22.6	33.8
92	21.8		15.1	22.7

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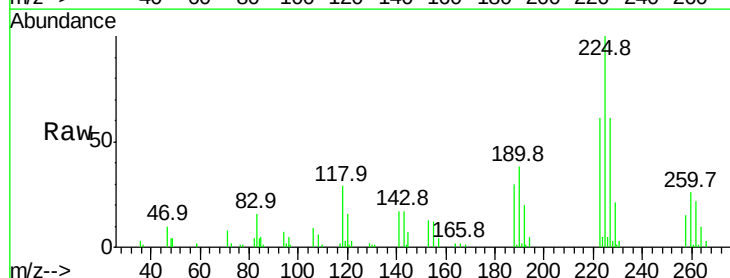


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

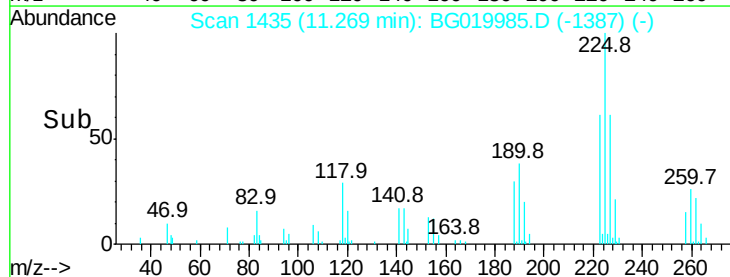
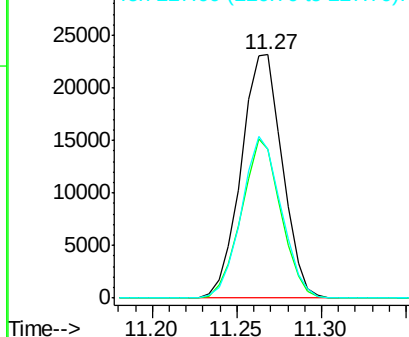


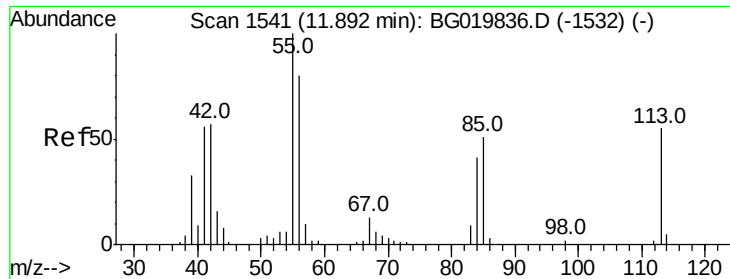
#34
Hexachlorobutadiene
Concen: 38.03 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39301		
223	61.4		51.0	76.4
227	64.7		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: 42.51 ng/ml

RT: 11.86 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87126BS

Tot Ion:113 Resp: 19616

Ion Ratio Lower Upper

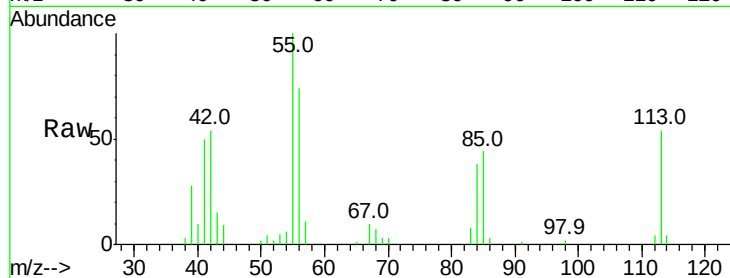
113 100

55 185.1 135.0 175.0#

56 137.0 83.4 123.4#

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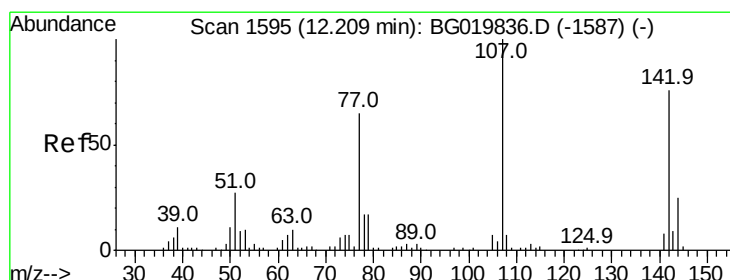
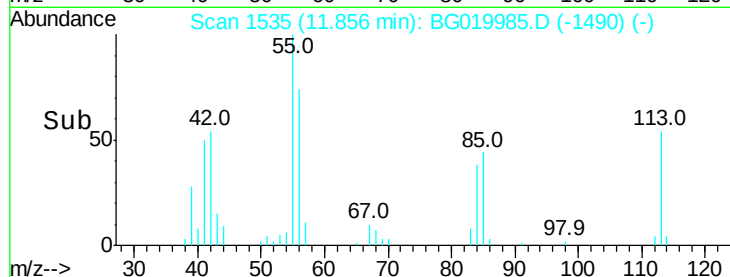
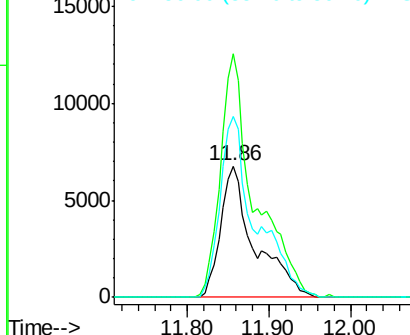
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG019836.D

Ion 56.00 (55.70 to 56.70): BG019836.D



#36

4-Chloro-3-methylphenol

Concen: 42.63 ng/ml

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

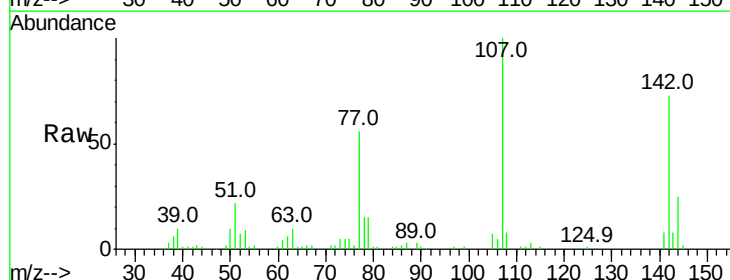
Tgt Ion:107 Resp: 65814

Ion Ratio Lower Upper

107 100

144 25.0 20.6 31.0

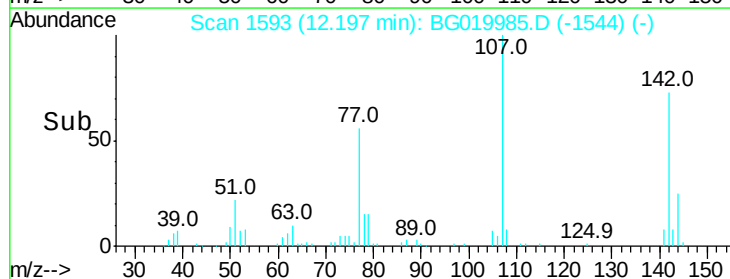
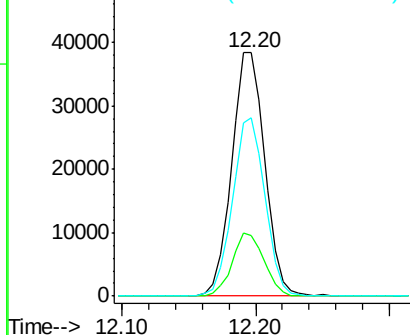
142 73.5 62.6 93.8

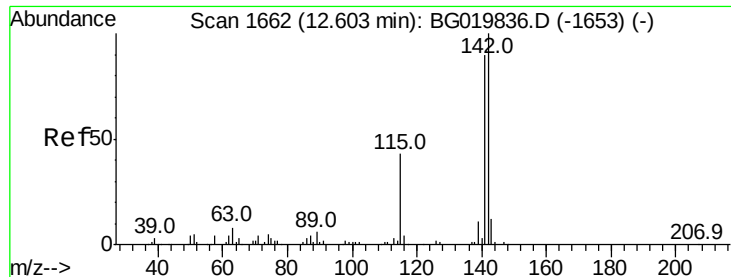


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.48 ng

RT: 12.58 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

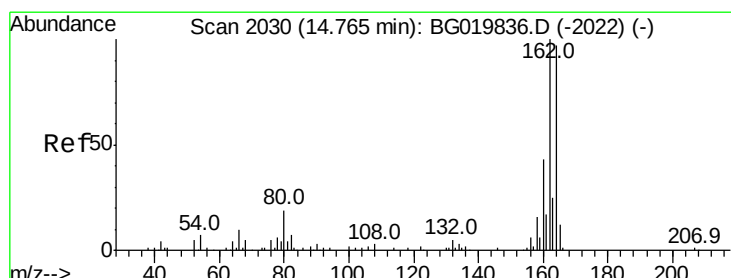
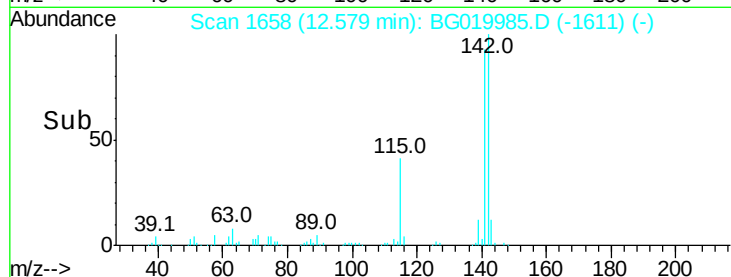
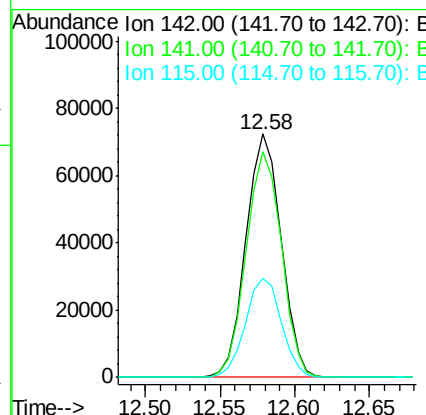
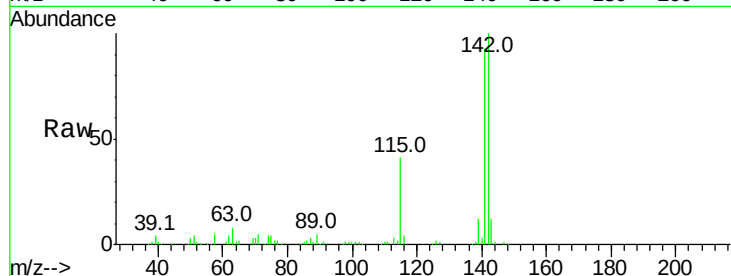
ClientSampleId :

PB87126BS

Tot Ion:	142	Resp:	118391
Ion Ratio	Lower	Upper	
142	100		
141	92.9	74.6	112.0
115	40.6	27.4	41.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

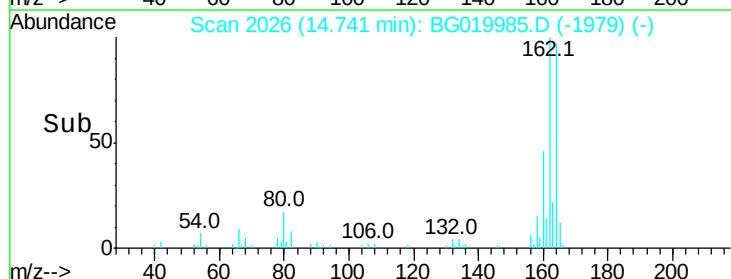
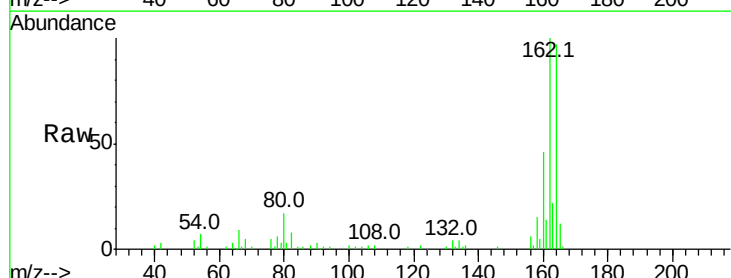
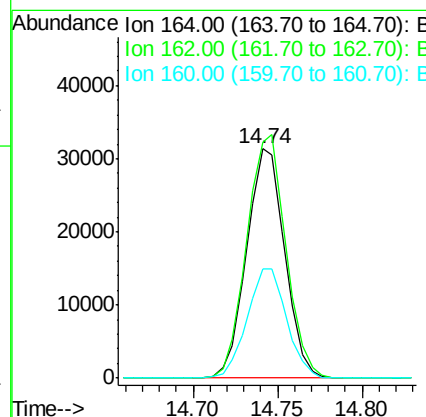
RT: 14.74 min Scan# 2026

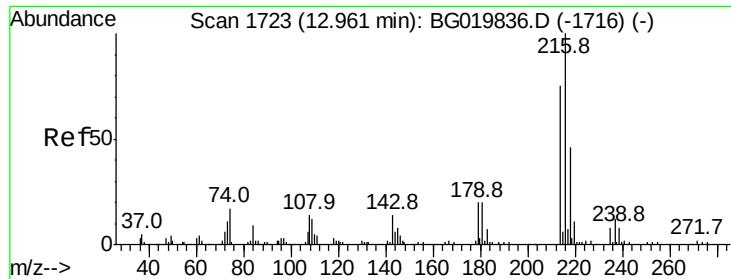
Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	164	Resp:	49064
Ion Ratio	Lower	Upper	
164	100		
162	103.2	78.8	118.2
160	47.7	36.4	54.6





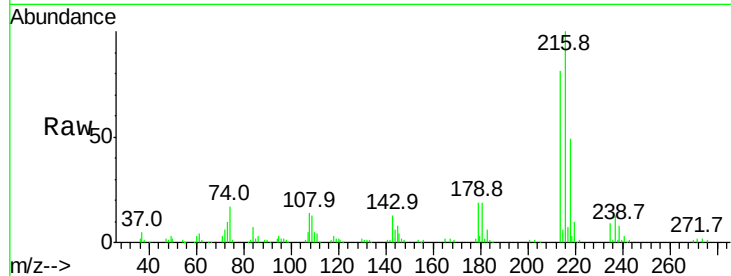
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.92 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

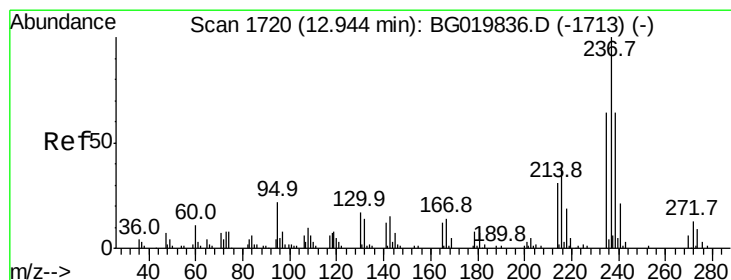
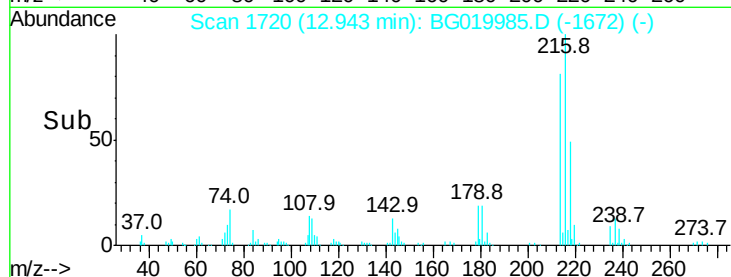
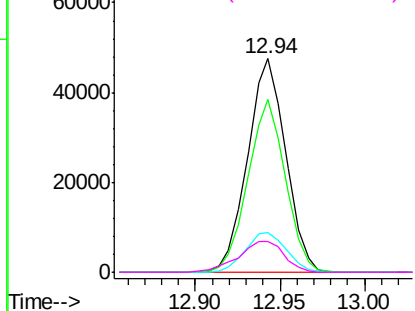
Tot Ion	Ratio	Resp	Lower	Upper
216	100	74331		
214	79.1	62.5	93.7	
179	19.8	15.6	23.4	
108	17.5	13.3	19.9	

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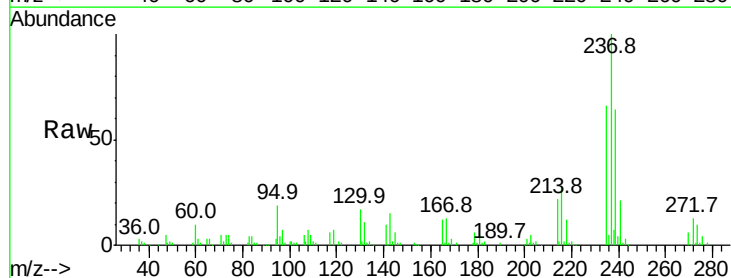


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

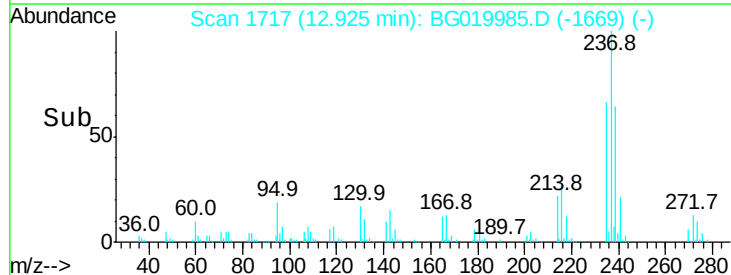
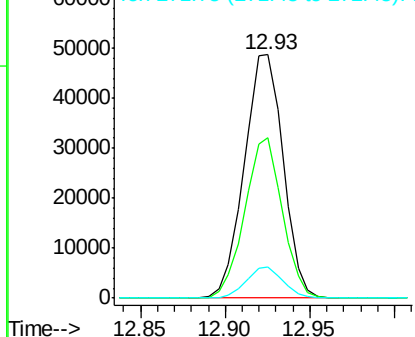


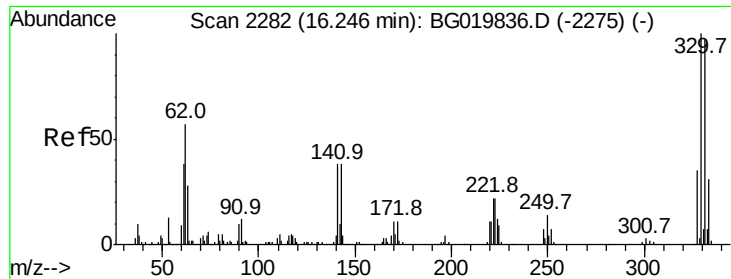
#40
 Hexachlorocyclopentadiene
 Concen: 73.77 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	78323		
235	65.9	44.6	84.6	
272	13.0	0.0	32.8	



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





#41

2,4,6-Tribromophenol

Concen: 85.19 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

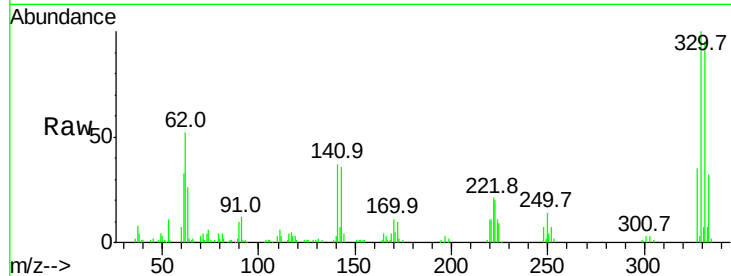
ClientSampleId :

PB87126BS

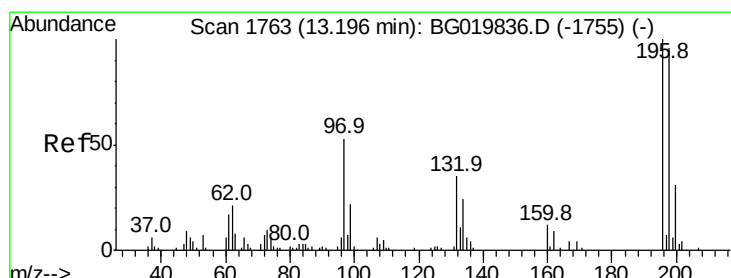
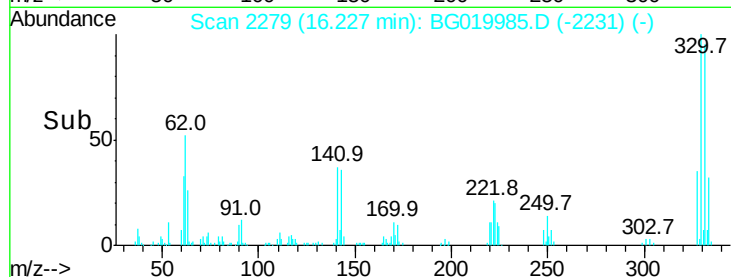
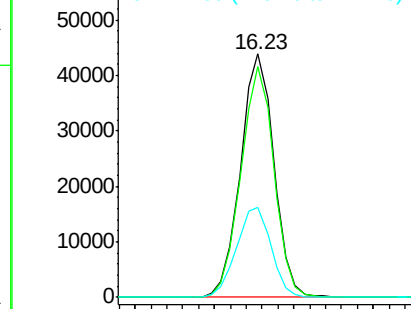
Tot Ion:	330	Resp:	63952
Ion Ratio	Lower	Upper	
330	100		
332	93.9	78.1	117.1
141	38.1	28.2	42.2

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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: 41.51 ng

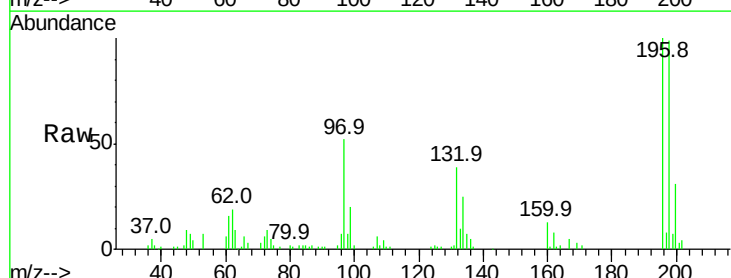
RT: 13.18 min Scan# 1760

Delta R.T. -0.02 min

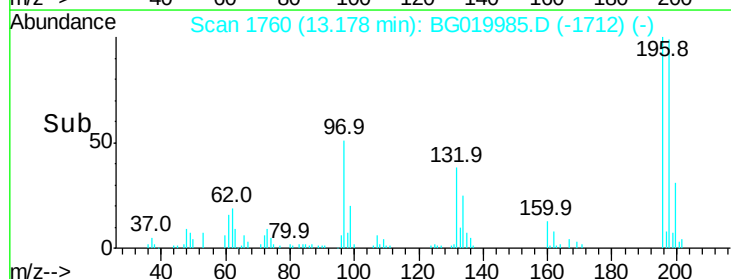
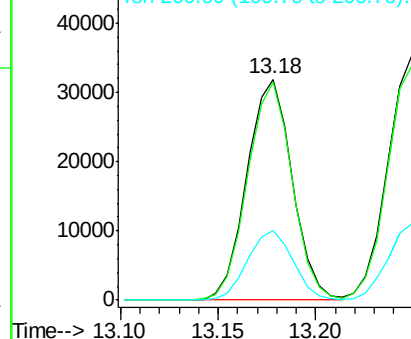
Lab File: BG019985.D

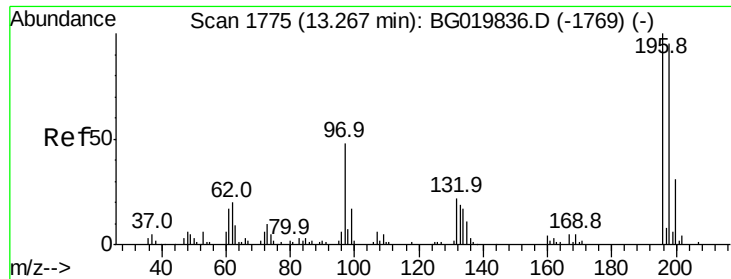
Acq: 7 Dec 2015 17:39

Tgt Ion:	196	Resp:	51175
Ion Ratio	Lower	Upper	
196	100		
198	98.8	74.7	112.1
200	31.4	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





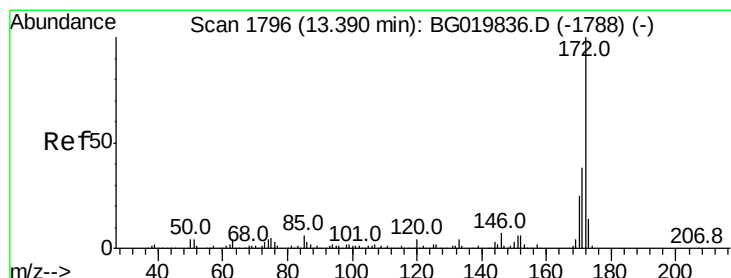
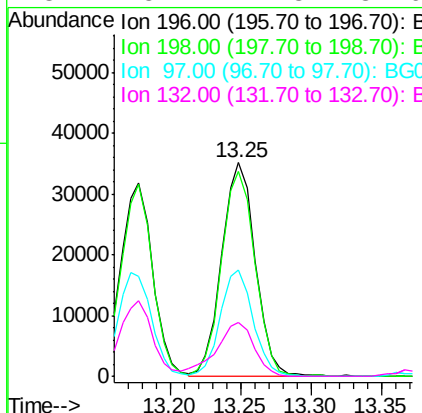
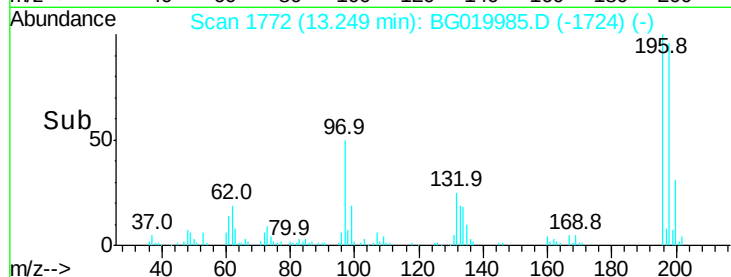
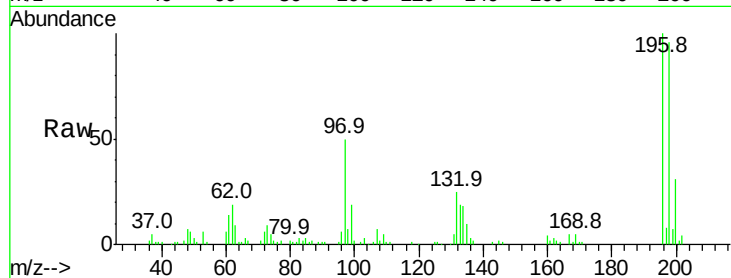
#43
 2,4,5-Trichlorophenol
 Concen: 44.68 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

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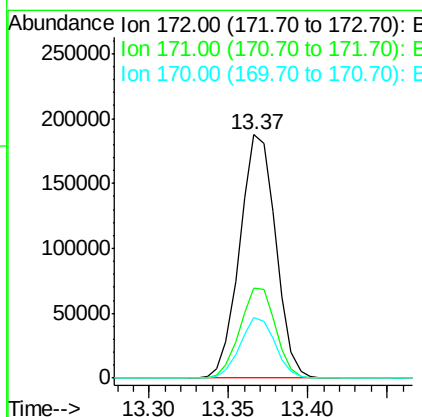
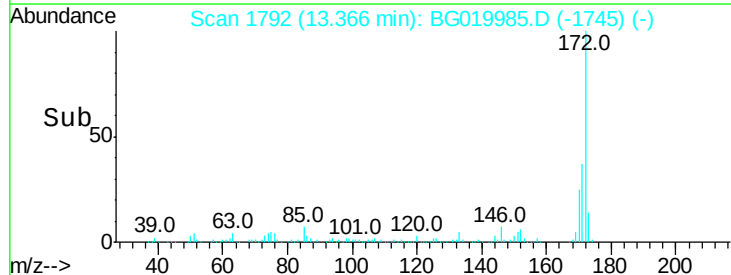
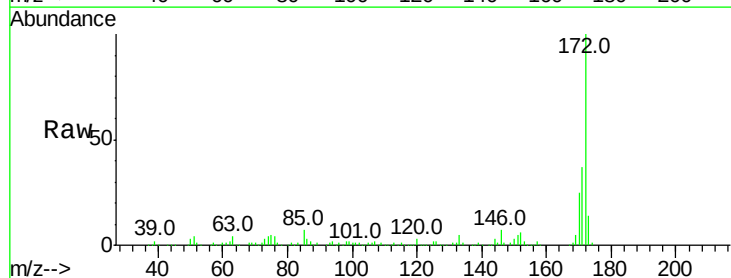
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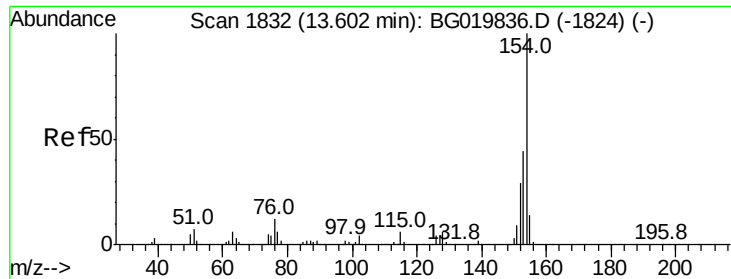
Tot Ion:	196	Resp:	58216
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.2	112.8
97	49.7	34.2	51.2
132	25.2	21.8	32.6



#44
 2-Fluorobiphenyl
 Concen: 81.90 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Tgt Ion:	172	Resp:	294290
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.0	43.6
170	24.9	19.9	29.9





#45

1,1'-Biphenyl

Concen: 39.09 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

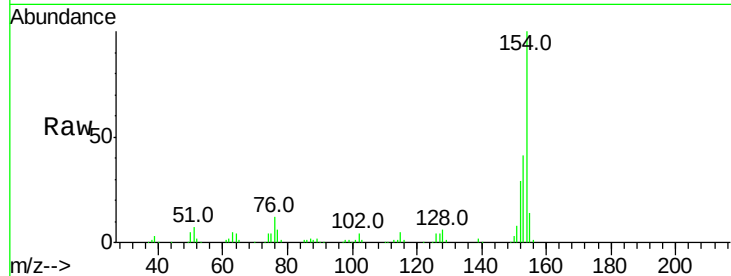
ClientSampled :

PB87126BS

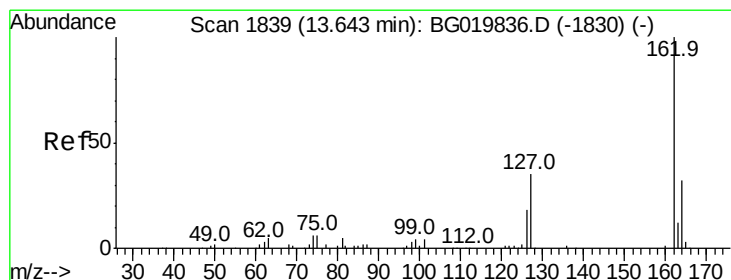
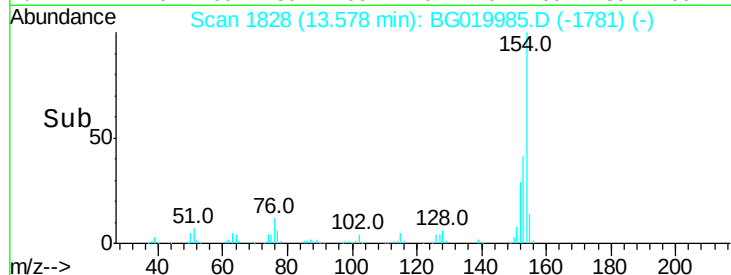
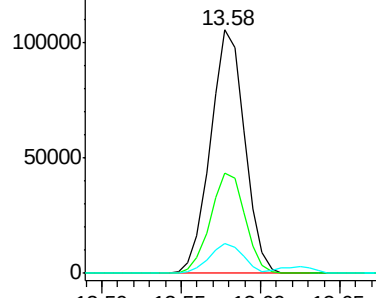
Tot Ion:	154	Resp:	157394
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.9	61.9
76	12.4	0.0	33.2

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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: 40.91 ng

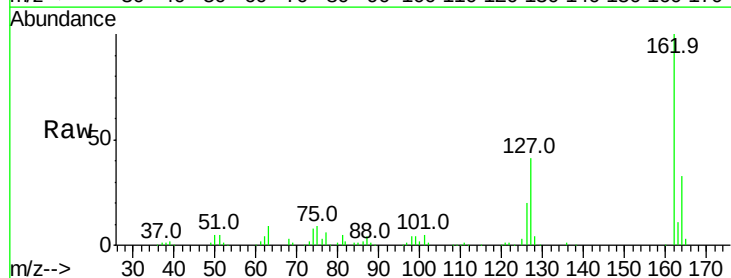
RT: 13.62 min Scan# 1836

Delta R.T. -0.02 min

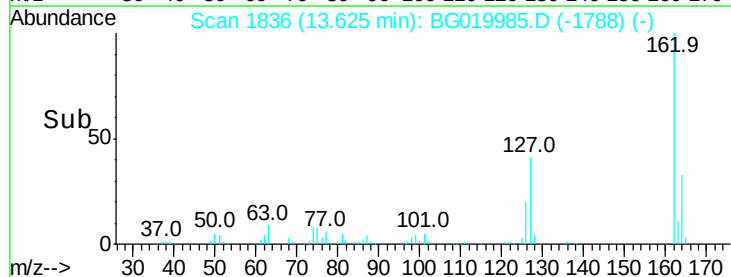
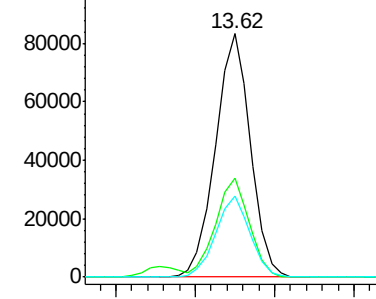
Lab File: BG019985.D

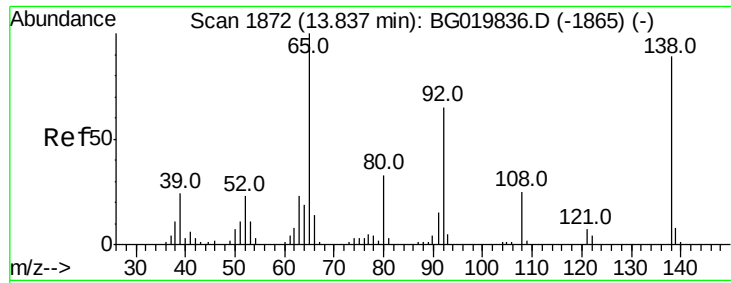
Acq: 7 Dec 2015 17:39

Tgt Ion:	162	Resp:	126971
Ion Ratio	Lower	Upper	
162	100		
127	40.5	28.3	42.5
164	33.2	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: 47.48 ng

RT: 13.82 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

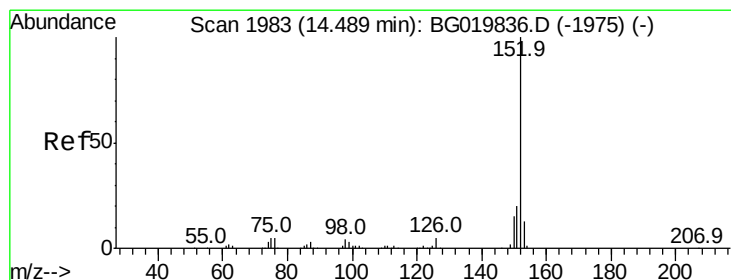
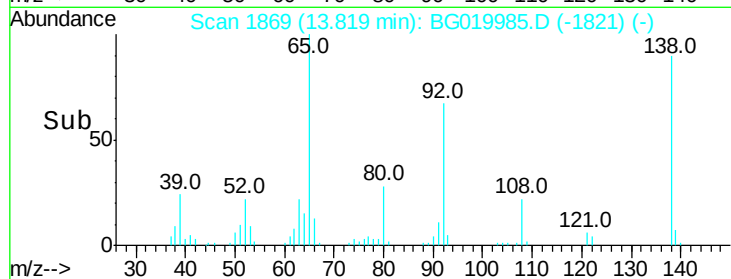
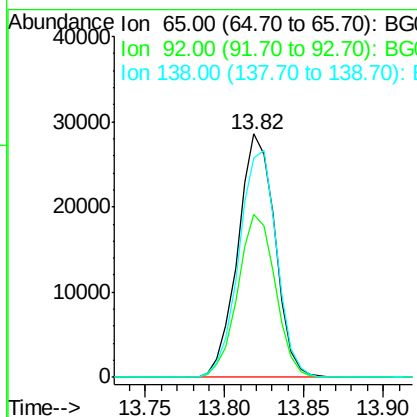
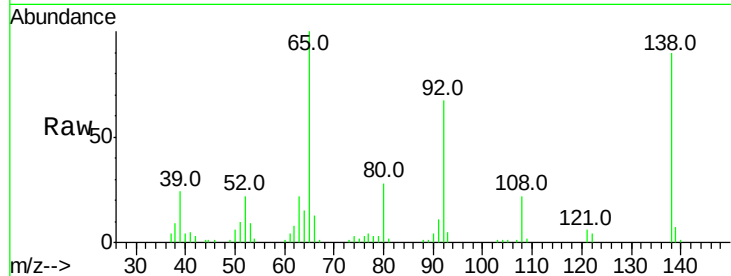
ClientSampleId :

PB87126BS

Tot Ion:	65	Resp:	46543
Ion Ratio	Lower	Upper	
65	100		
92	66.8	54.8	82.2
138	90.3	89.6	134.4

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#48

Acenaphthylene

Concen: 40.61 ng

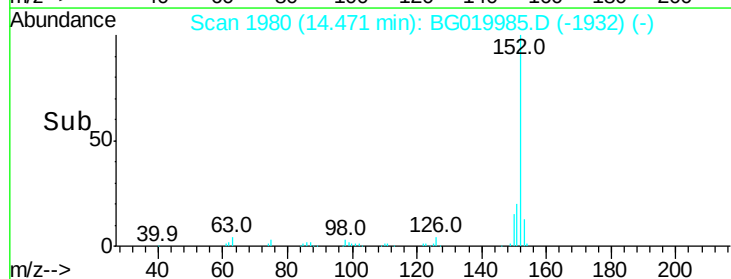
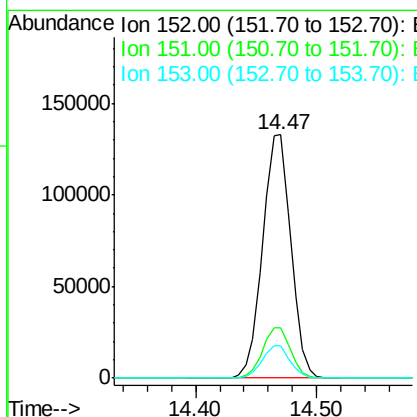
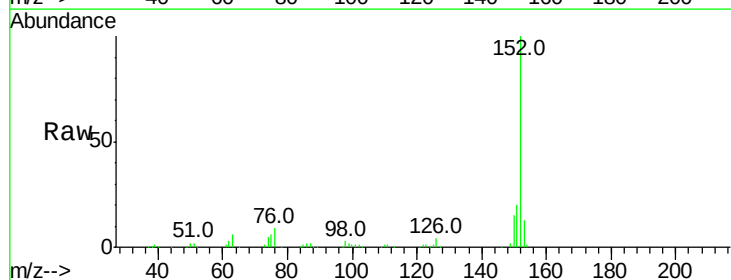
RT: 14.47 min Scan# 1980

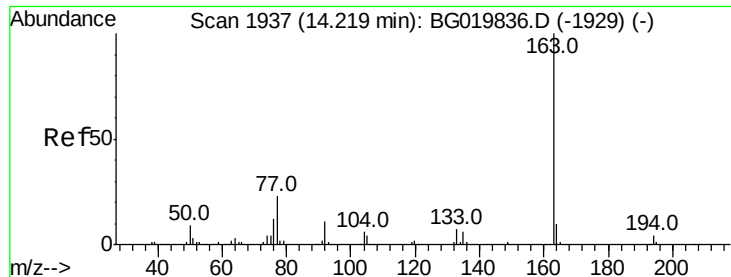
Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	152	Resp:	214685
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.0	25.4
153	13.1	10.4	15.6





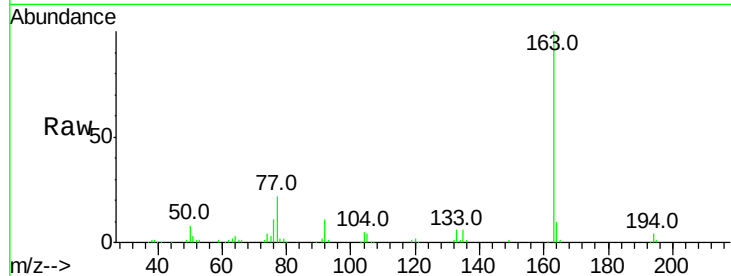
#49
Dimethylphthalate
Concen: 39.93 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

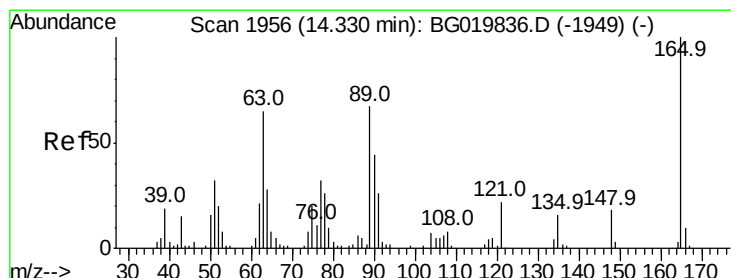
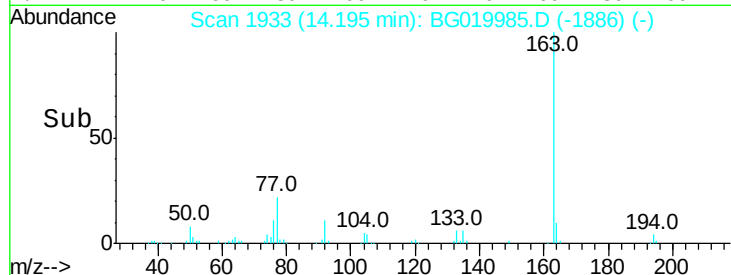
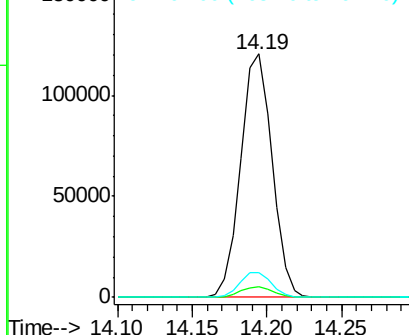
Tot Ion	Ratio	Resp	Lower	Upper
163	100	176225		
194	4.2		3.1	4.7
164	10.1		8.8	13.2

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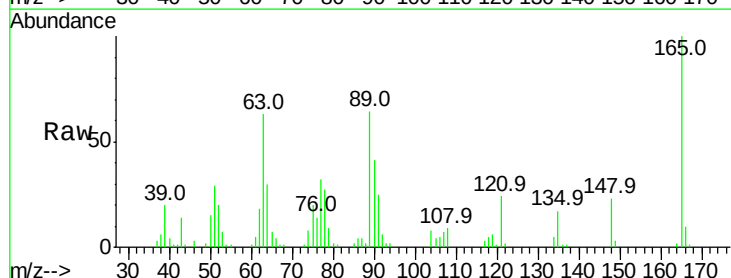


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

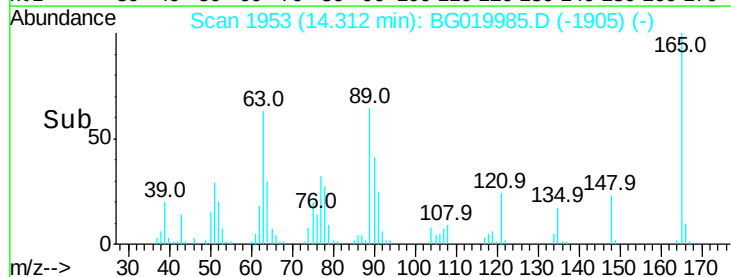
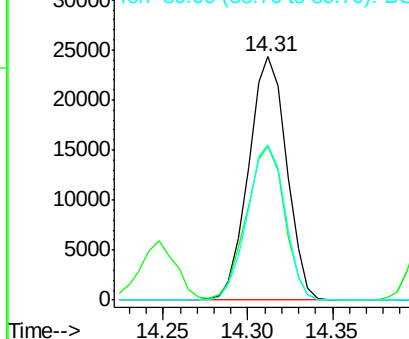


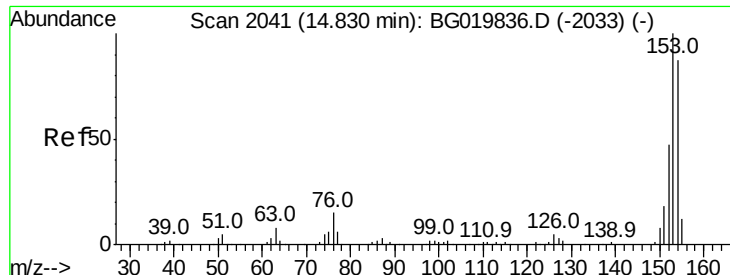
#50
2,6-Dinitrotoluene
Concen: 45.94 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	38124		
63	63.5		35.7	53.5#
89	63.8		39.7	59.5#



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





#51

Acenaphthene

Concen: 40.48 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

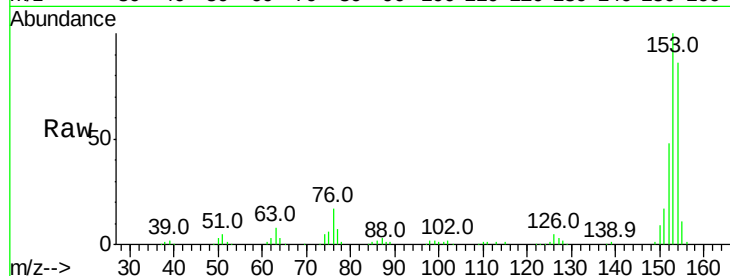
ClientSampleId :

PB87126BS

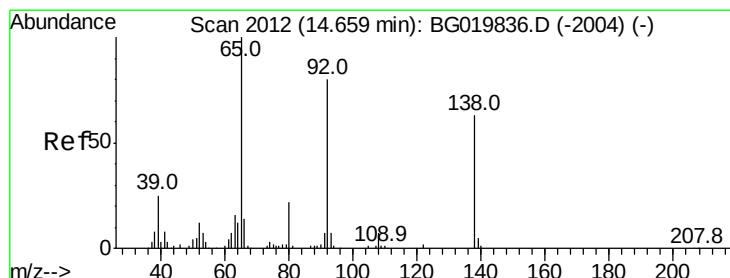
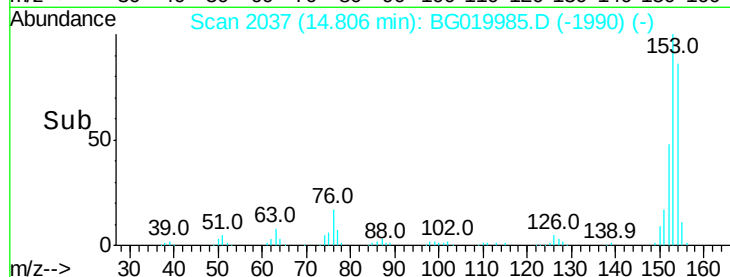
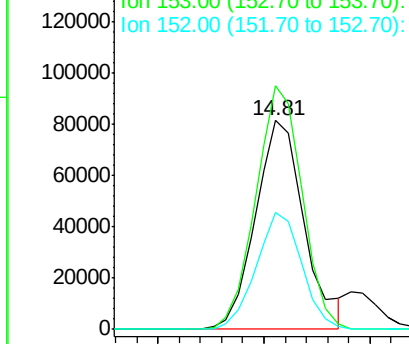
Tot Ion:	154	Resp:	129856
Ion Ratio	Lower	Upper	
154	100		
153	116.8	92.9	139.3
152	56.3	45.8	68.8

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



#52

3-Nitroaniline

Concen: 31.77 ng

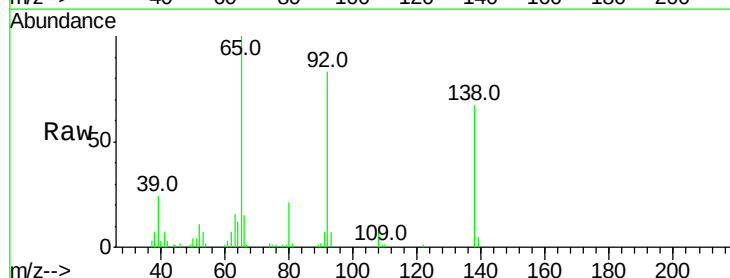
RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

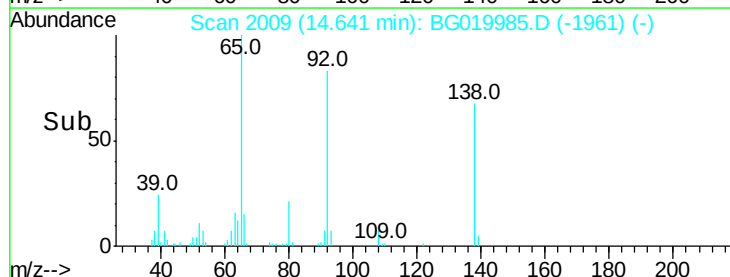
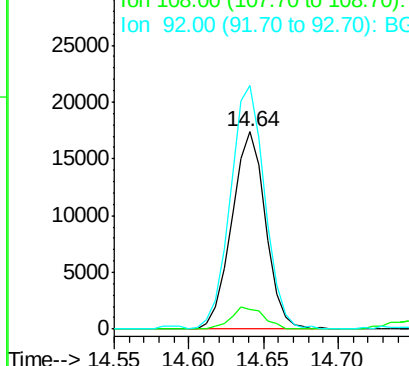
Lab File: BG019985.D

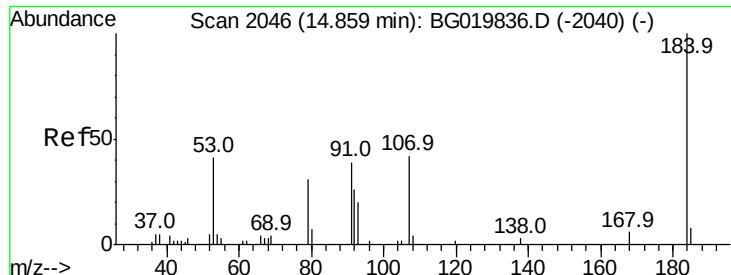
Acq: 7 Dec 2015 17:39

Tgt Ion:	138	Resp:	27387
Ion Ratio	Lower	Upper	
138	100		
108	10.0	7.9	11.9
92	123.5	94.2	141.4



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





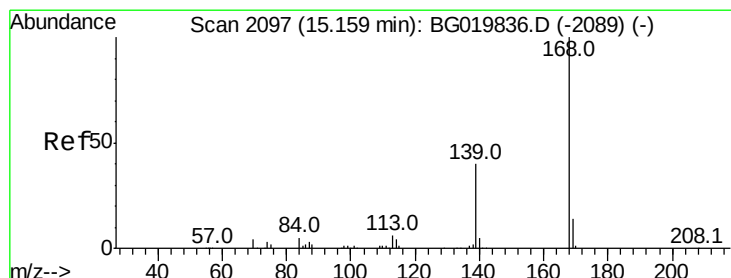
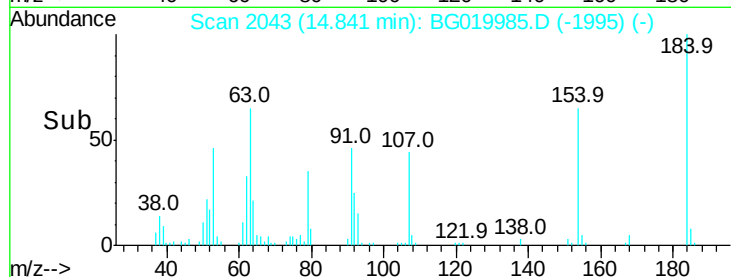
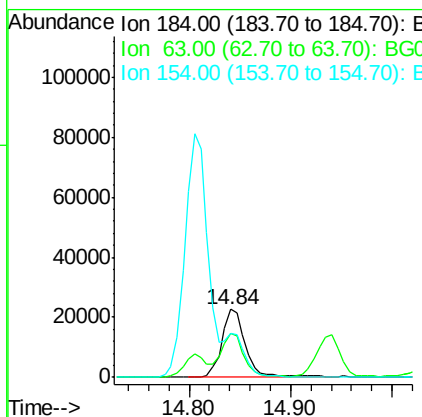
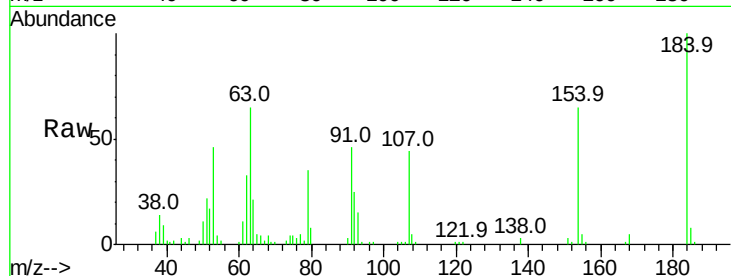
#53
 2,4-Dinitrophenol
 Concen: 83.46 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.8	42.7	64.1#
154	65.3	44.3	66.5

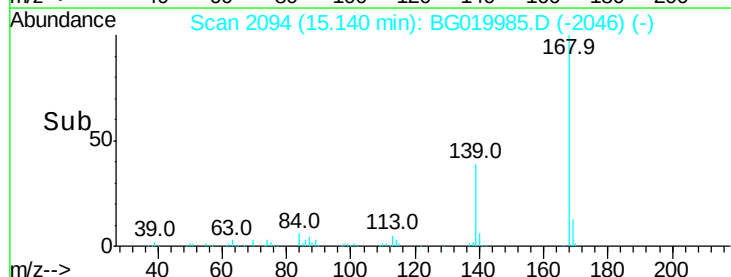
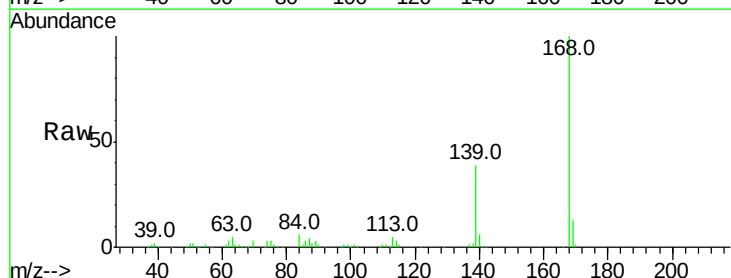
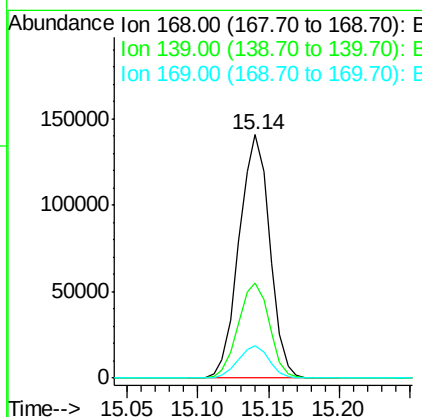
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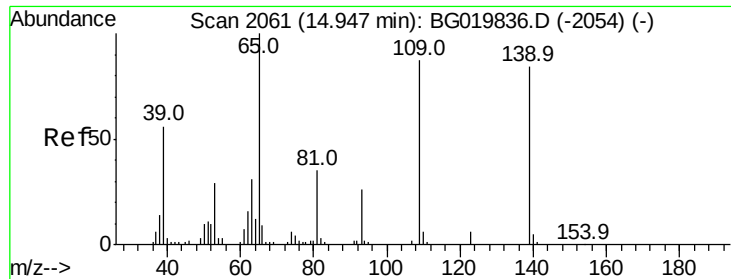
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#54
 Dibenzofuran
 Concen: 44.70 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	27.4	41.0
169	13.2	11.0	16.4





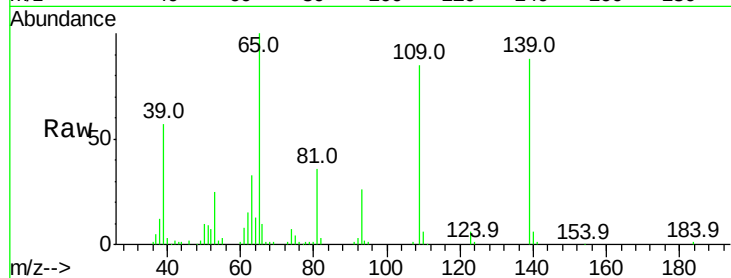
#55
4-Nitrophenol
Concen: 86.05 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	96.2	43.2	83.2#
65	113.6	67.8	107.8#

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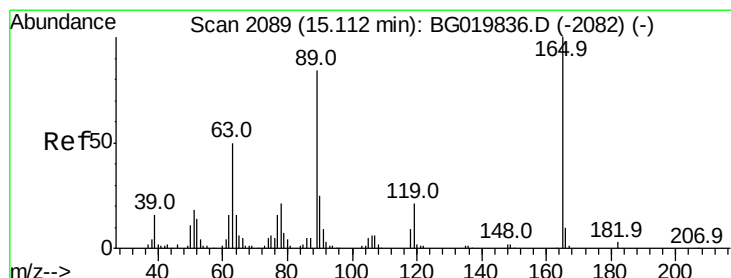
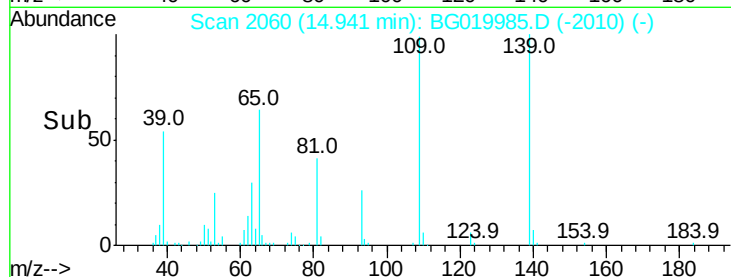
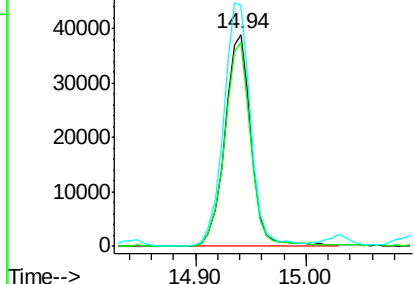


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 47.59 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.8	31.0	46.4#
89	80.1	54.4	81.6
182	2.8	1.6	2.4#

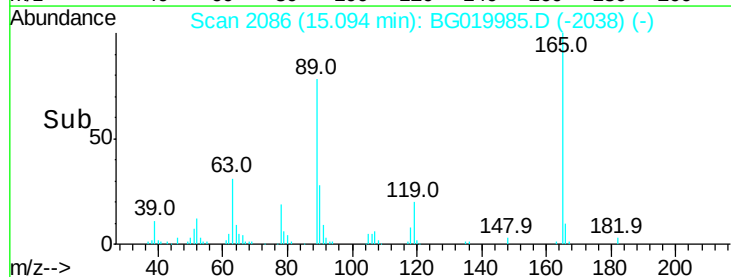
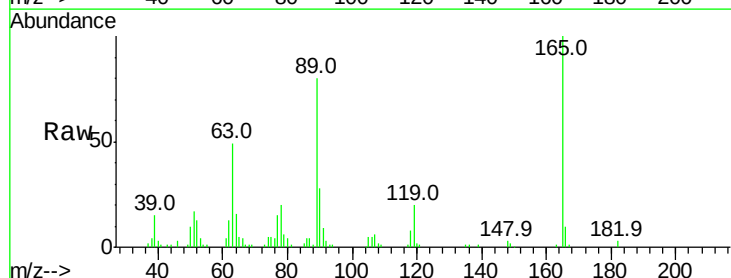
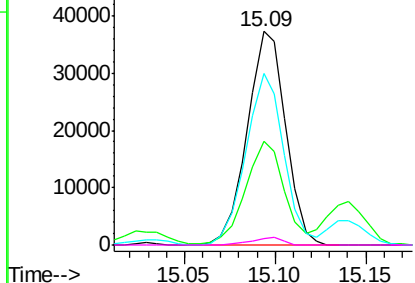
Abundance

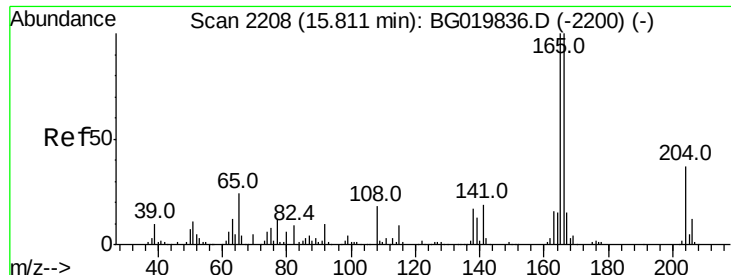
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.55 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87126BS

Tot Ion:166 Resp: 177458

Ion Ratio Lower Upper

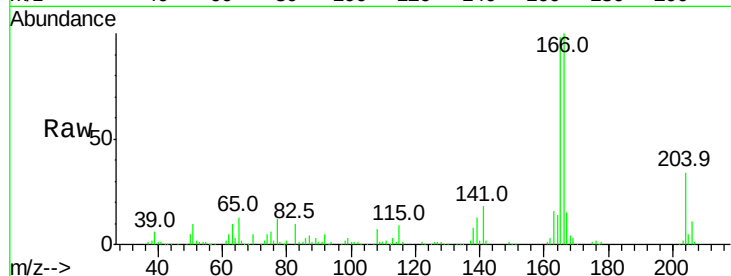
166 100

165 98.2 80.0 120.0

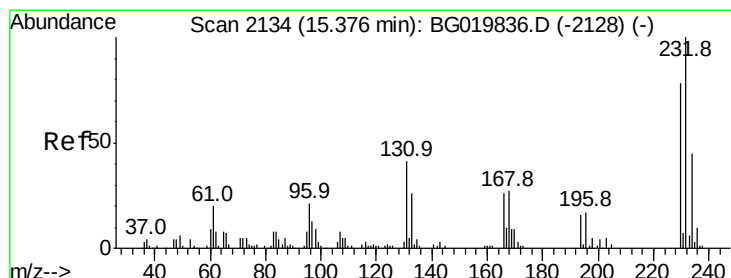
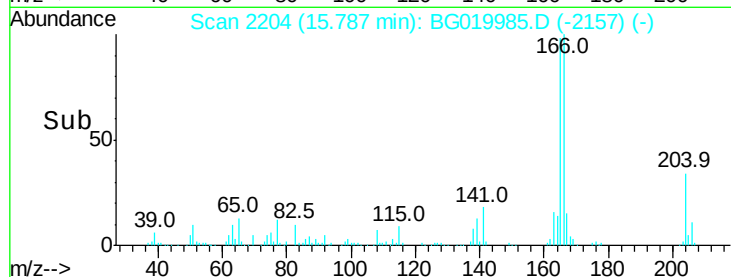
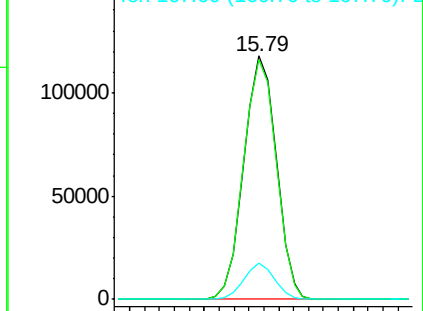
167 14.7 11.1 16.7

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.02 ng

RT: 15.36 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:232 Resp: 56700

Ion Ratio Lower Upper

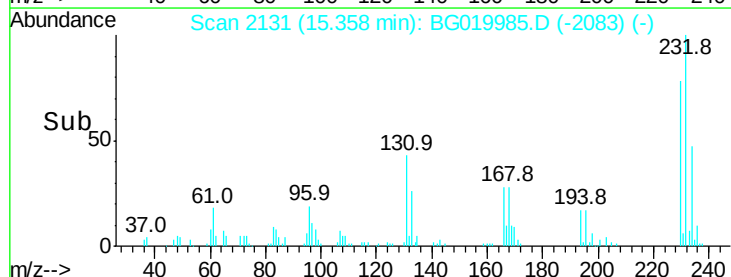
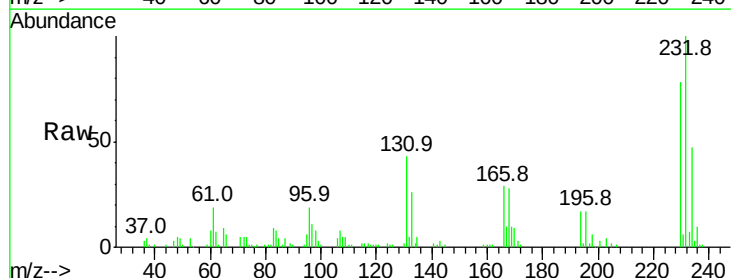
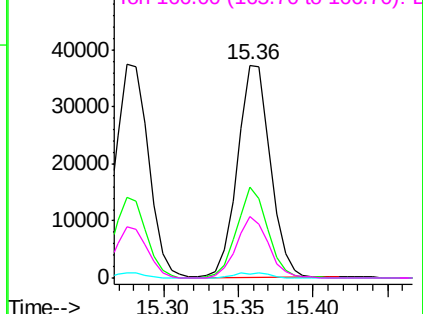
232 100

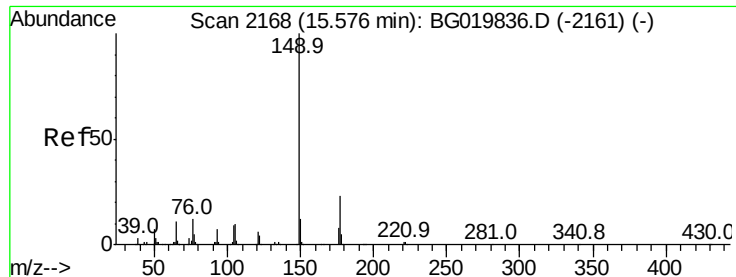
131 40.6 33.0 49.6

130 2.5 2.0 3.0

166 28.0 24.1 36.1

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





#59

Diethylphthalate

Concen: 39.07 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

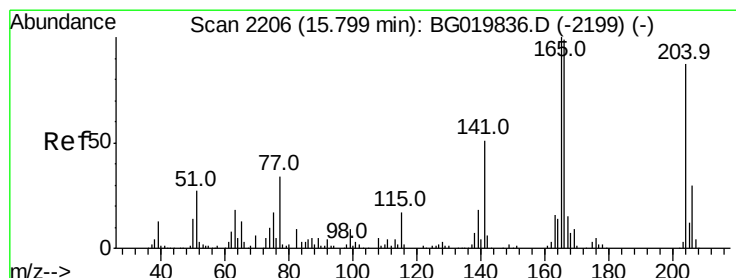
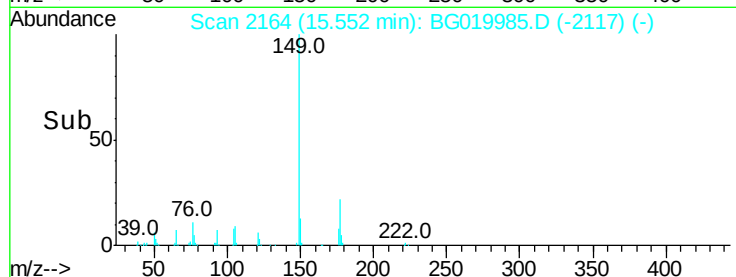
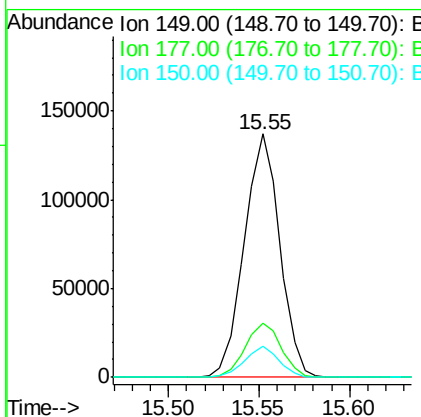
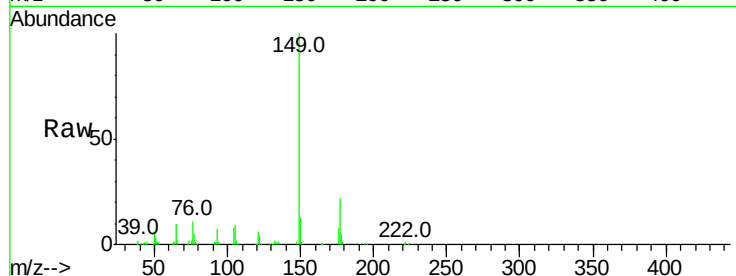
ClientSampleId :

PB87126BS

Tot Ion:	149	Resp:	186600
Ion Ratio	Lower	Upper	
149	100		
177	22.2	19.6	29.4
150	12.8	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 39.02 ng

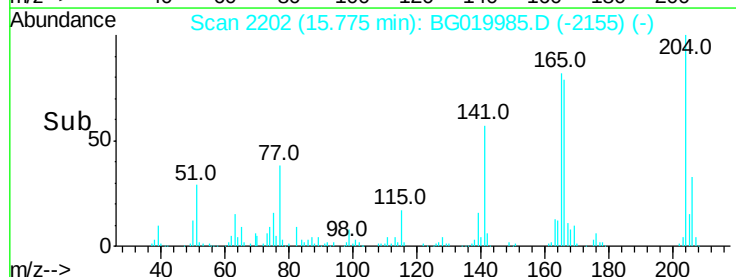
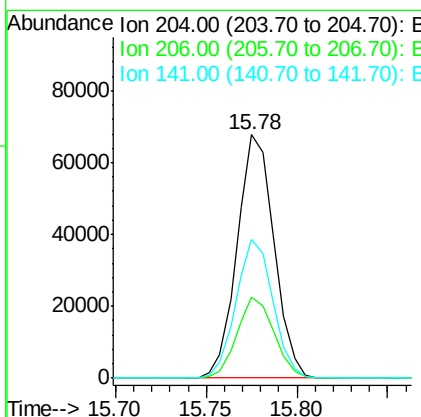
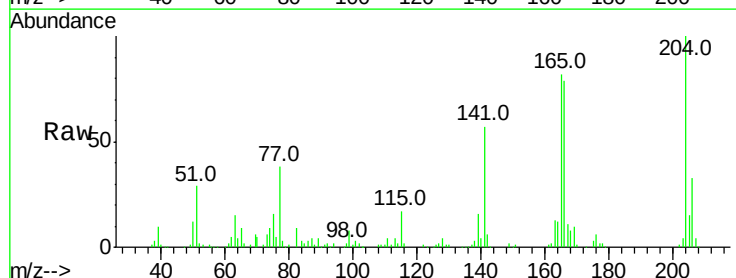
RT: 15.78 min Scan# 2202

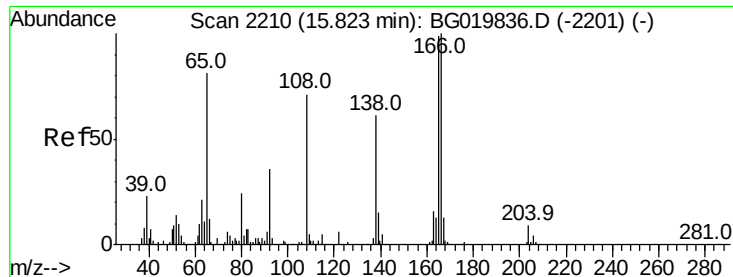
Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	204	Resp:	95695
Ion Ratio	Lower	Upper	
204	100		
206	33.3	28.3	42.5
141	57.1	44.0	66.0





#61

4-Nitroaniline

Concen: 43.58 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

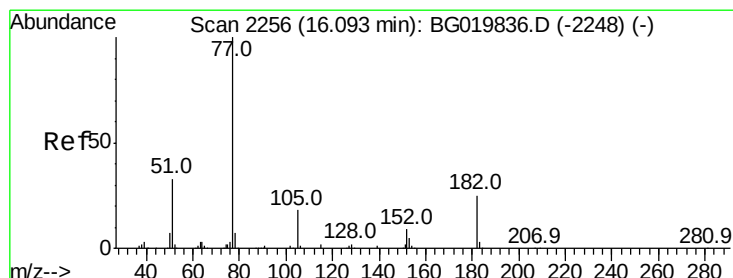
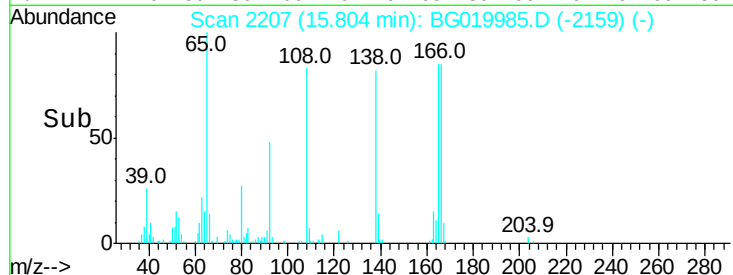
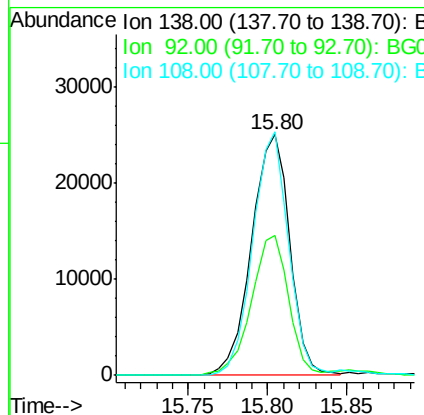
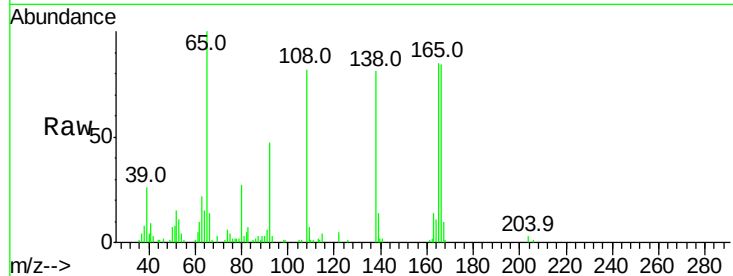
ClientSampleId :

PB87126BS

Tot Ion:	138	Resp:	42252
Ion Ratio	Lower	Upper	
138	100		
92	58.2	29.1	69.1
108	101.1	49.8	89.8

Manual Integrations
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#62

Azobenzene

Concen: 44.60 ng

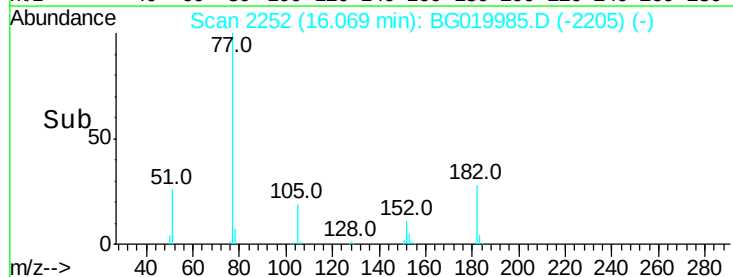
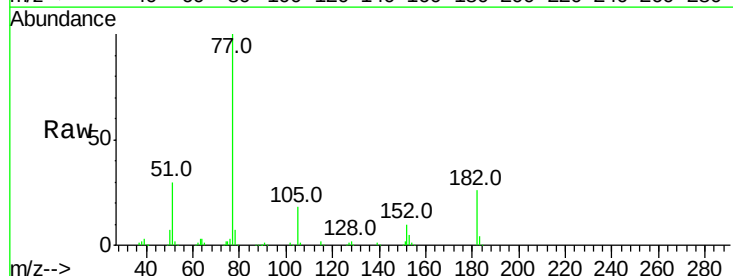
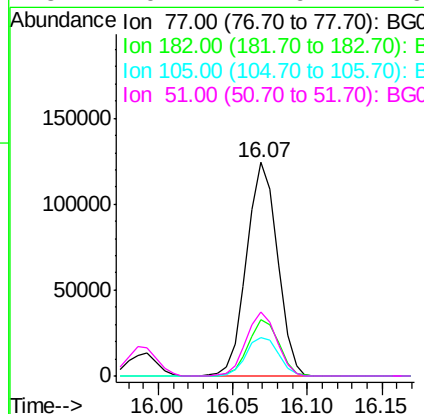
RT: 16.07 min Scan# 2252

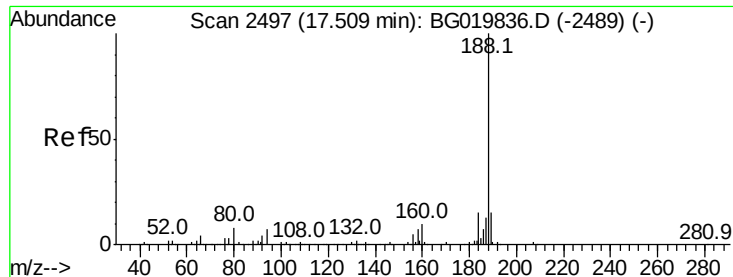
Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	77	Resp:	177260
Ion Ratio	Lower	Upper	
77	100		
182	26.4	7.0	47.0
105	18.3	1.4	41.4
51	29.7	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: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

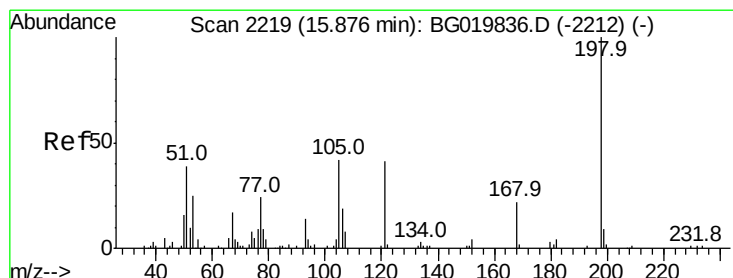
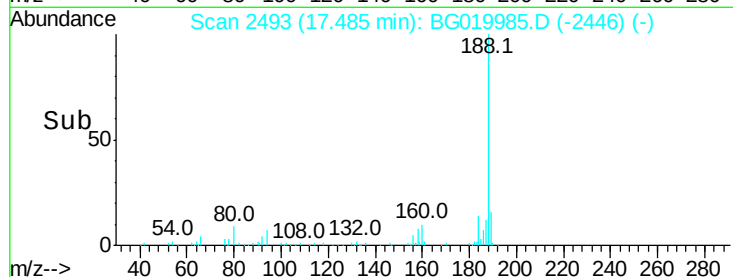
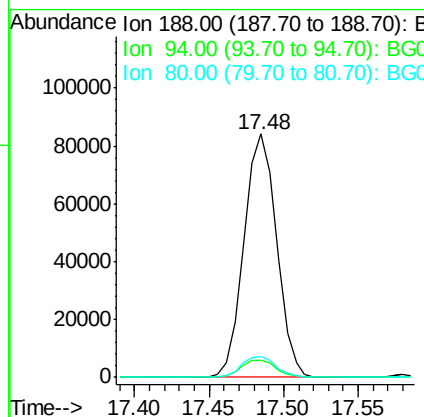
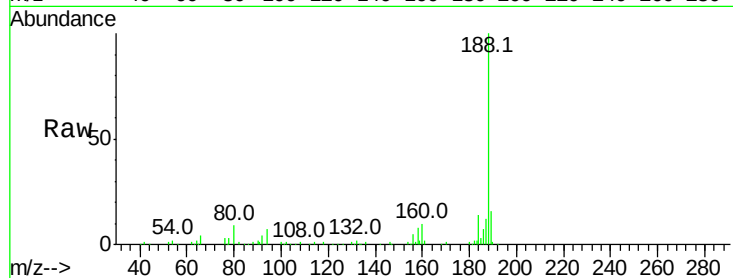
ClientSampleId :

PB87126BS

Tot Ion:	188	Resp:	127187
Ion Ratio	Lower	Upper	
188	100		
94	6.9	7.7	11.5#
80	8.7	7.8	11.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 44.34 ng

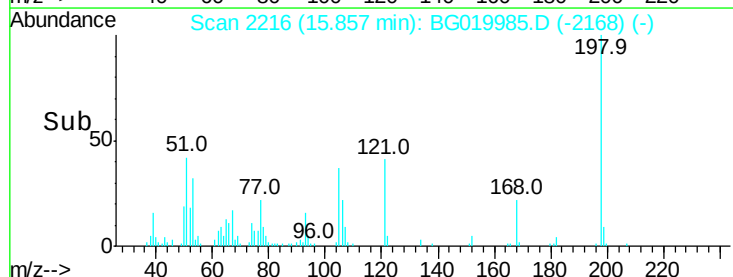
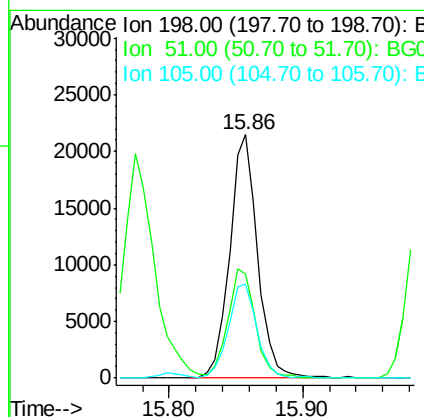
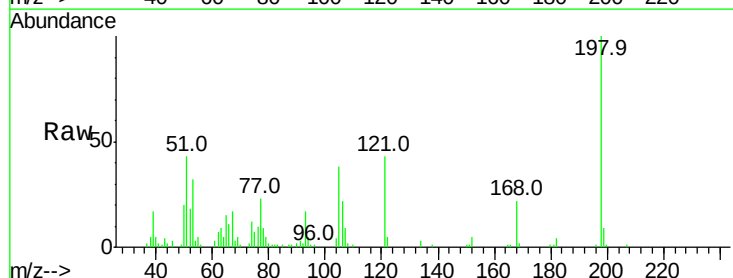
RT: 15.86 min Scan# 2216

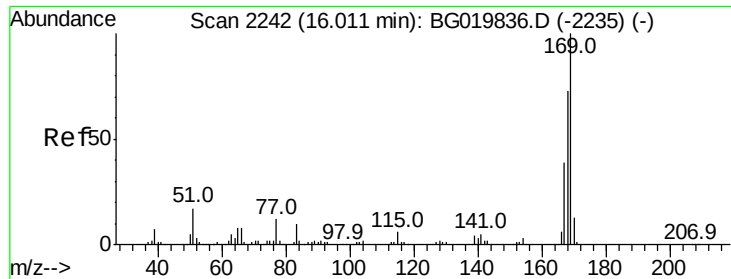
Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	198	Resp:	31300
Ion Ratio	Lower	Upper	
198	100		
51	43.0	14.2	54.2
105	38.5	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 44.03 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

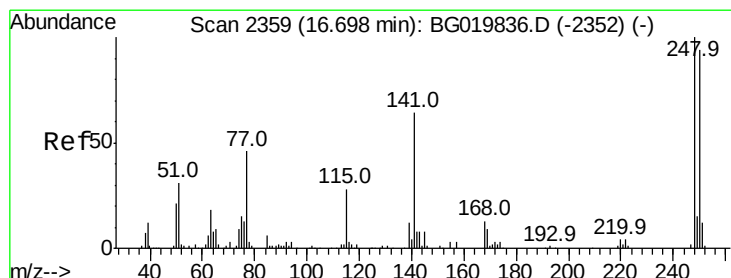
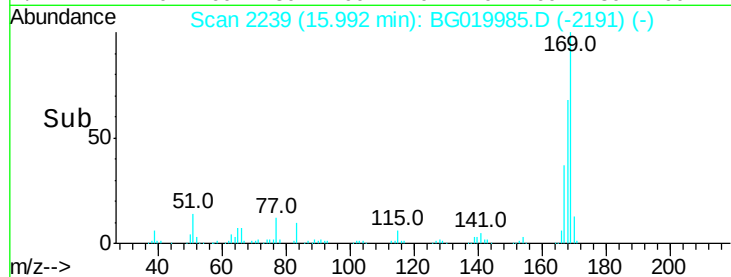
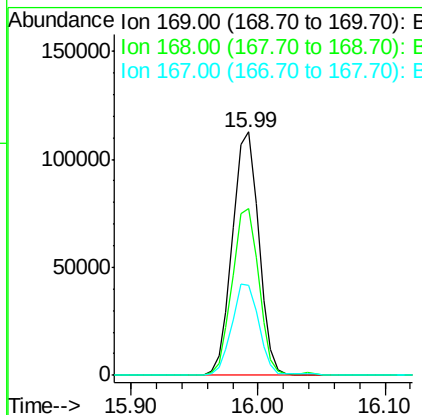
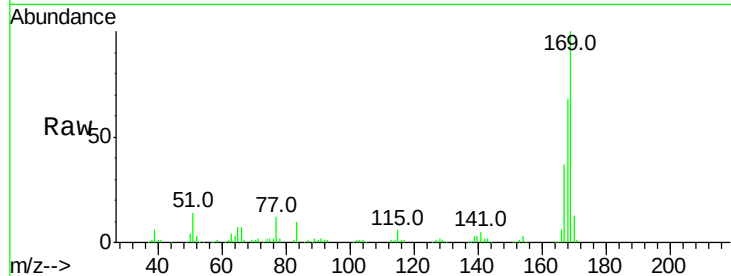
ClientSampleId :

PB87126BS

Tot Ion:	169	Resp:	162068
Ion Ratio	Lower	Upper	
169	100		
168	68.3	58.2	87.2
167	37.2	32.7	49.1

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#66

4-Bromophenyl-phenylether

Concen: 40.24 ng

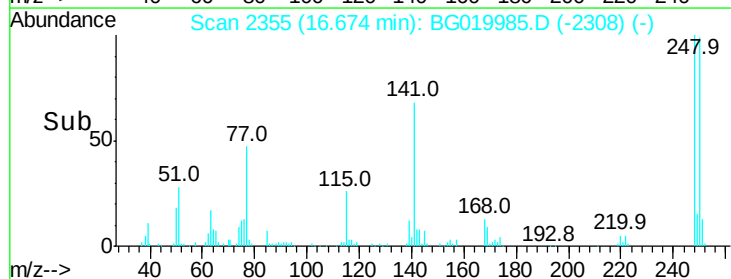
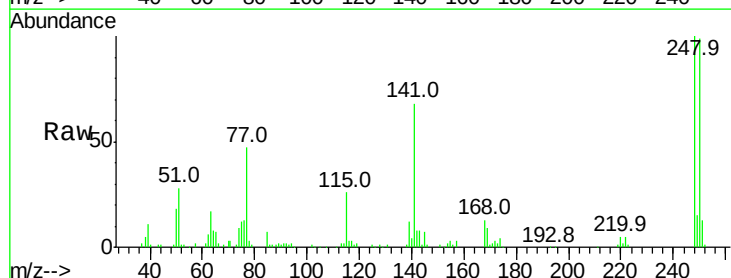
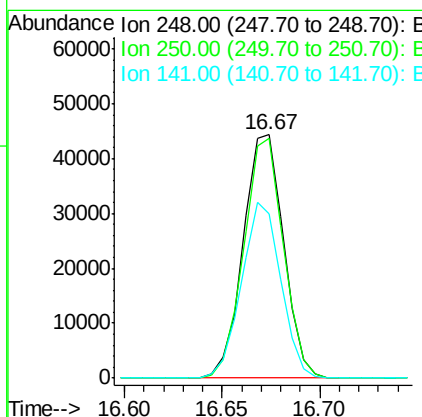
RT: 16.67 min Scan# 2355

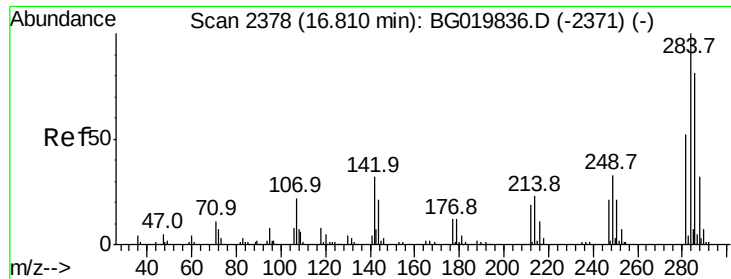
Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	248	Resp:	63589
Ion Ratio	Lower	Upper	
248	100		
250	98.5	77.8	116.8
141	67.7	50.4	75.6





#67

Hexachlorobenzene

Concen: 42.43 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

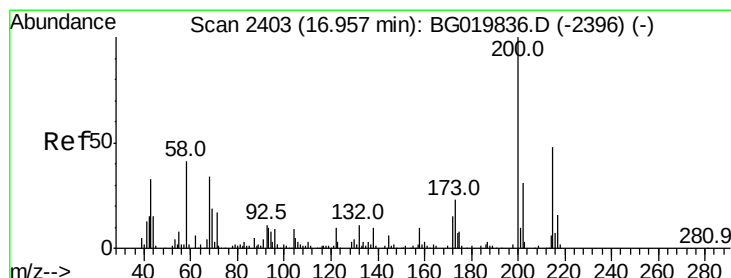
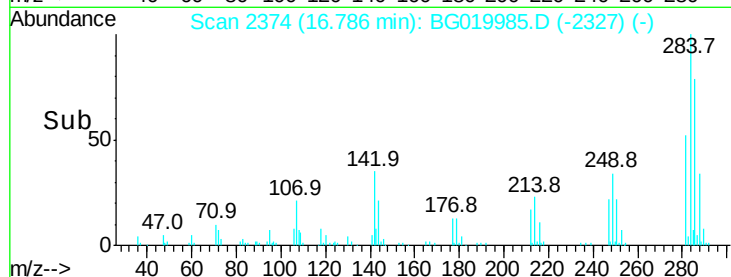
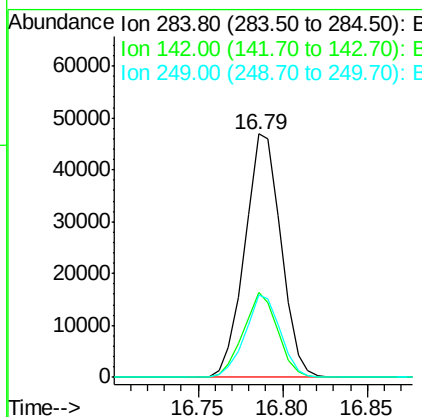
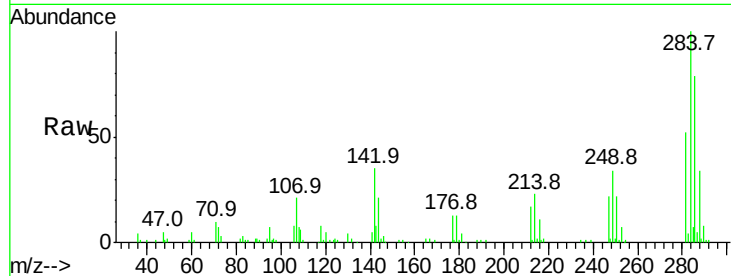
ClientSampleId :

PB87126BS

Tot Ion:	284	Resp:	69852
Ion Ratio	Lower	Upper	
284	100		
142	34.6	26.6	39.8
249	33.9	26.2	39.2

Manual Integrations
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#68

Atrazine

Concen: 41.91 ng

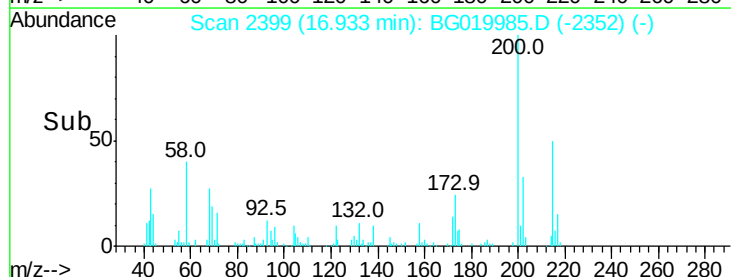
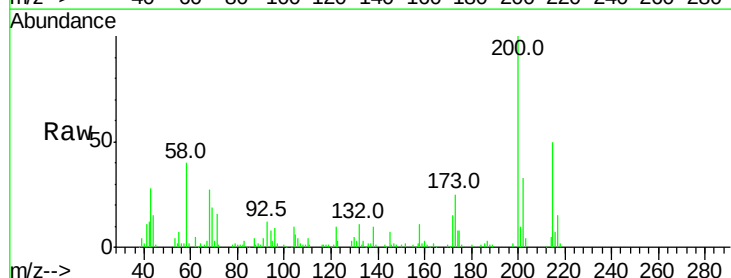
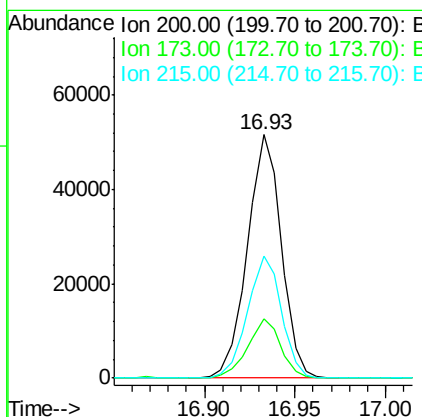
RT: 16.93 min Scan# 2399

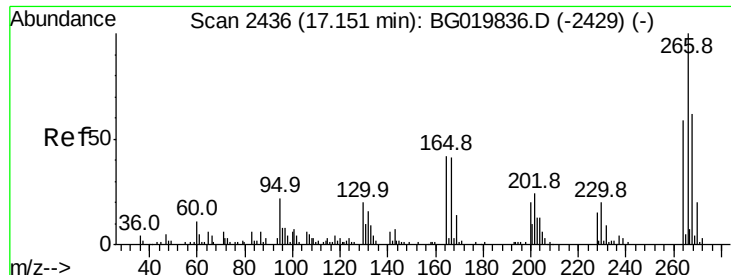
Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	200	Resp:	67017
Ion Ratio	Lower	Upper	
200	100		
173	24.5	5.2	45.2
215	50.2	27.0	67.0





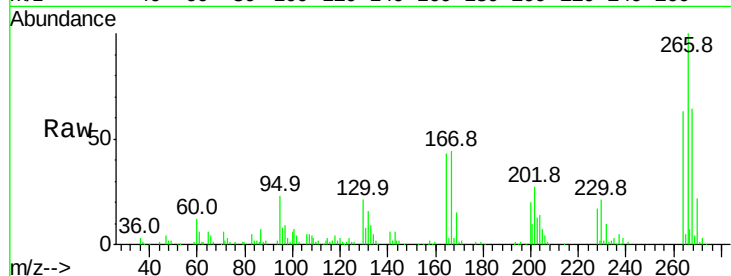
#69
 Pentachlorophenol
 Concen: 92.63 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

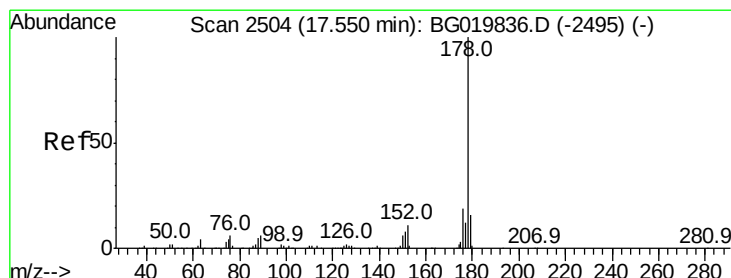
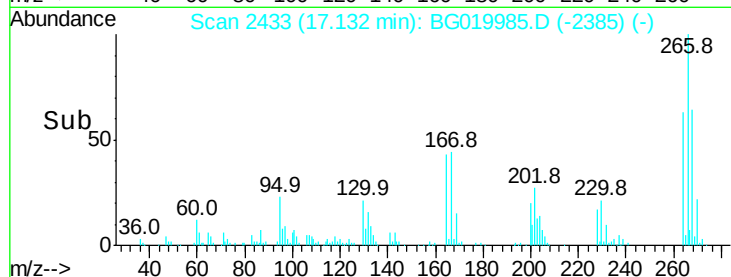
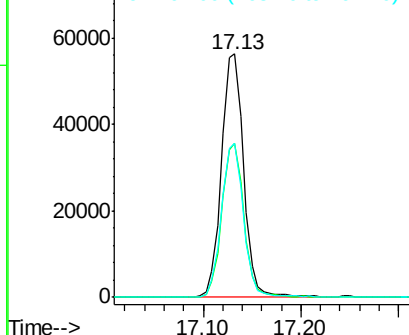
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.5	47.6	71.4	
264	63.5	48.1	72.1	

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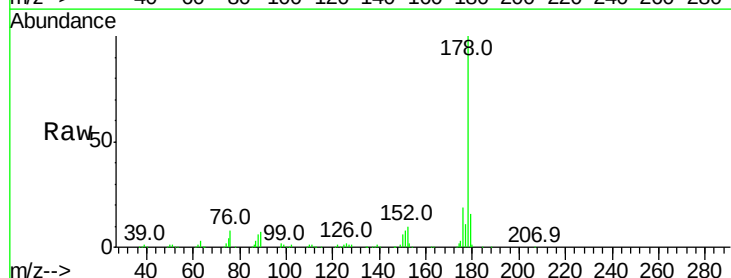


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

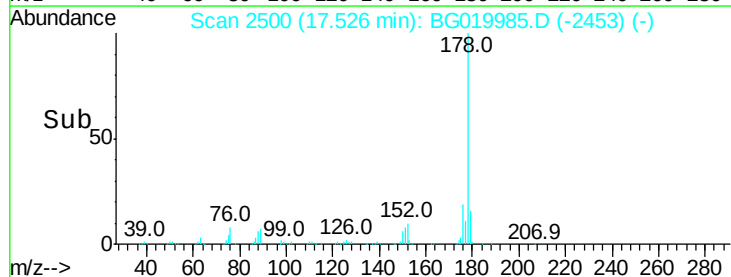
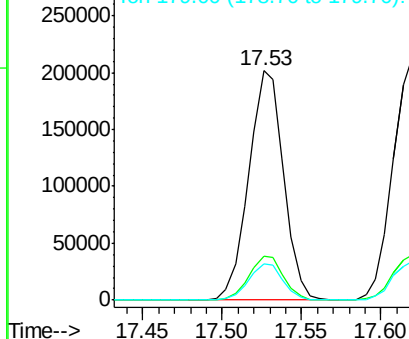


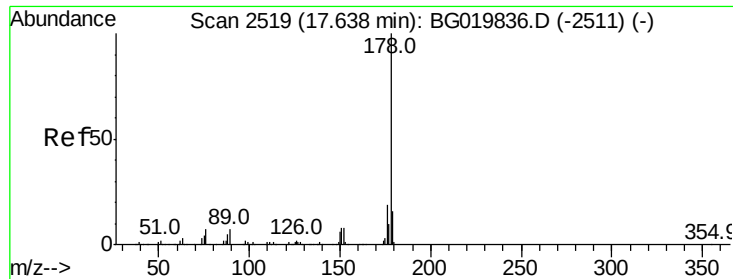
#70
 Phenanthrene
 Concen: 42.64 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.2	16.7	25.1	
179	16.0	13.9	20.9	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





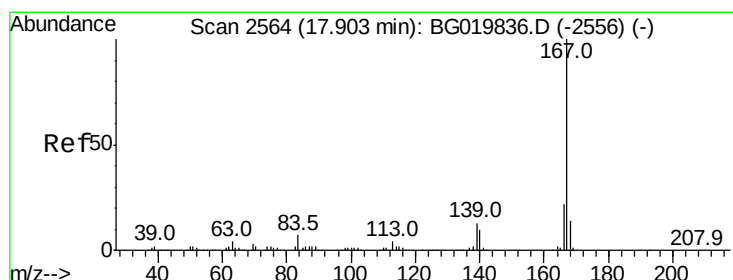
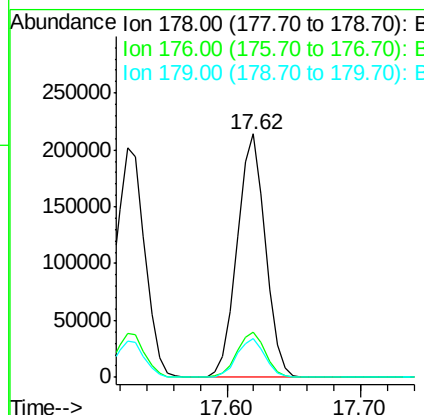
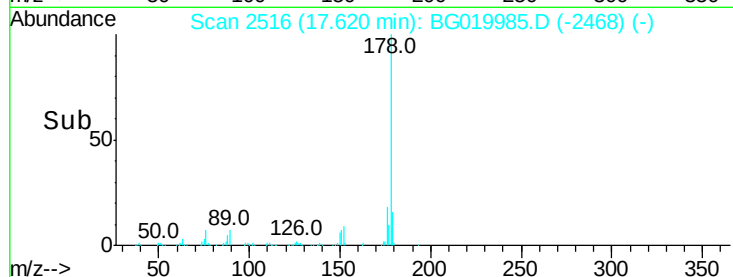
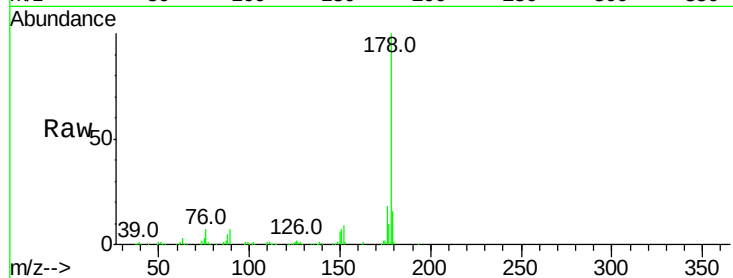
#71
 Anthracene
 Concen: 42.61 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.8	25.2
179	15.8	13.9	20.9

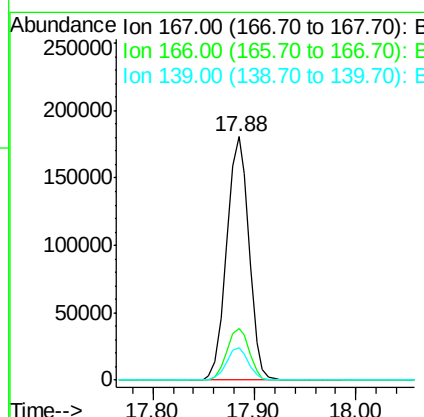
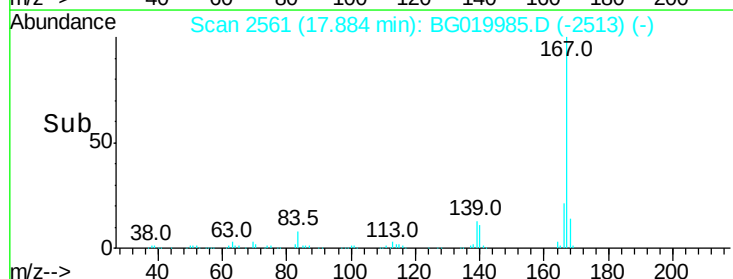
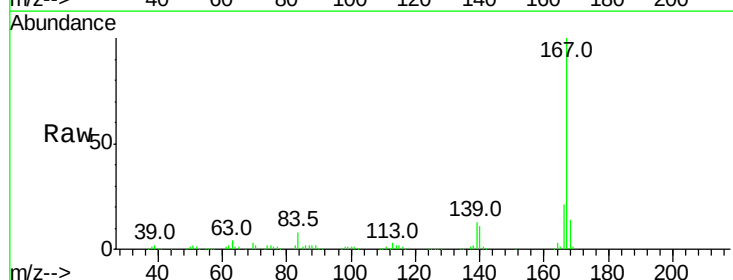
Manual Integrations
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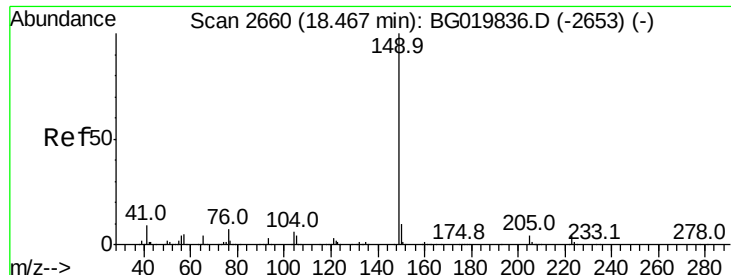
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#72
 Carbazole
 Concen: 42.72 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.0	28.6
139	13.1	10.2	15.4





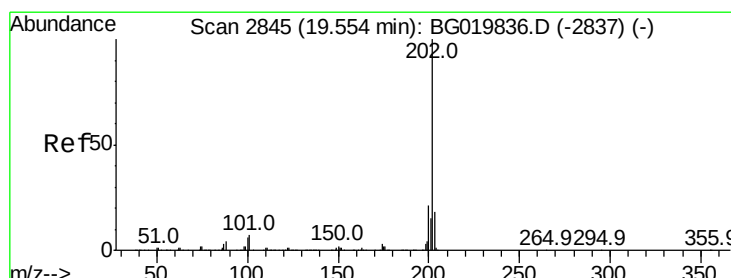
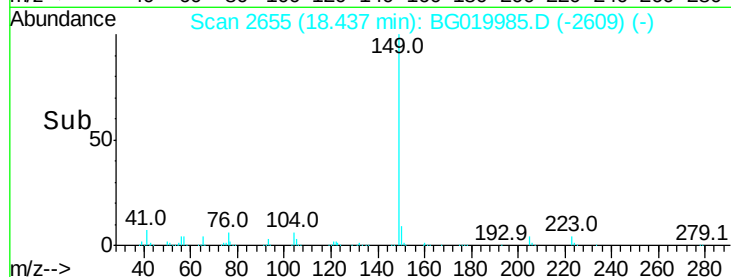
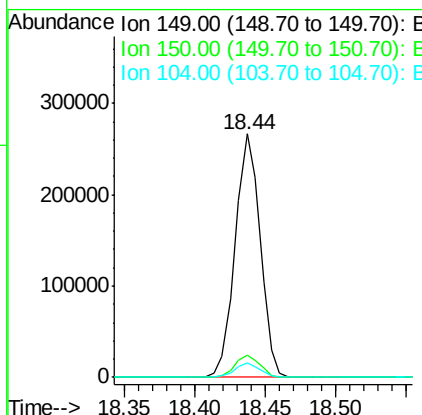
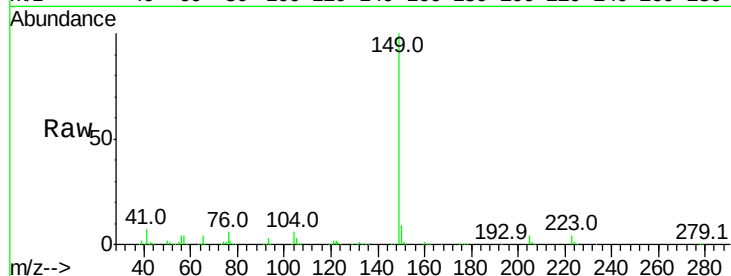
#73
Di-n-butylphthalate
Concen: 41.63 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	8.2	12.4	
104	6.1	4.4	6.6	

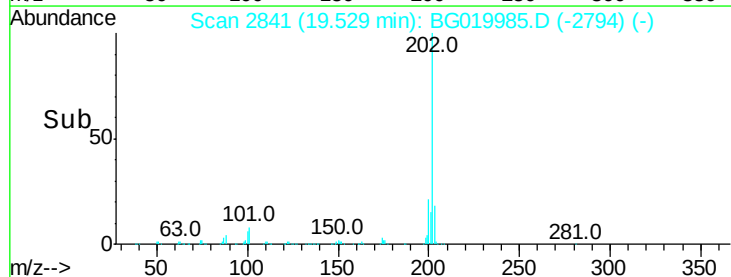
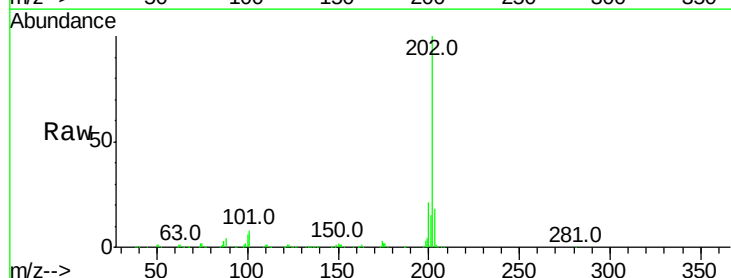
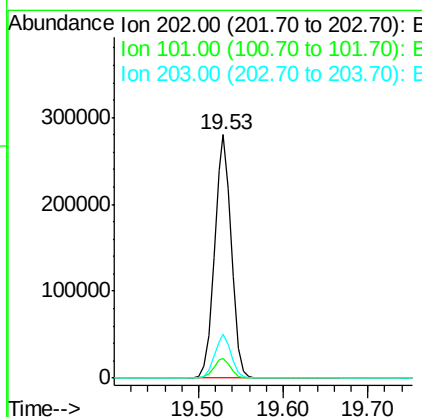
Manual Integrations
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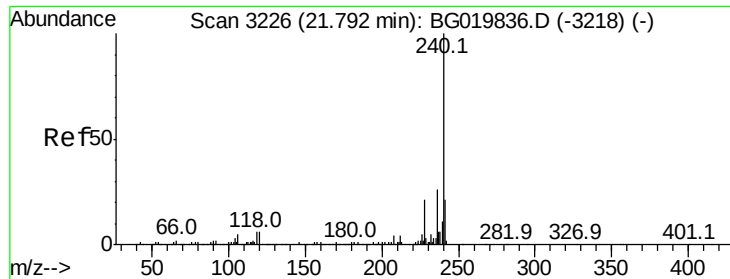
Mmdadoda
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#74
Fluoranthene
Concen: 42.50 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.3	0.0	32.4	
203	18.1	0.0	39.5	





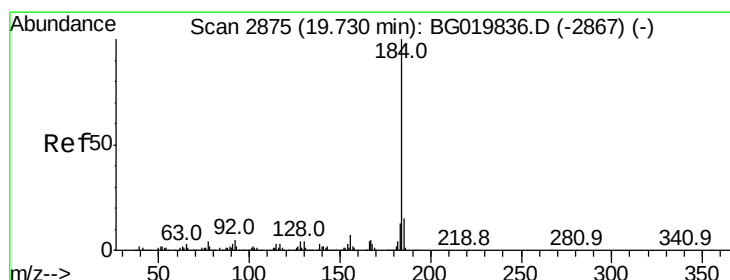
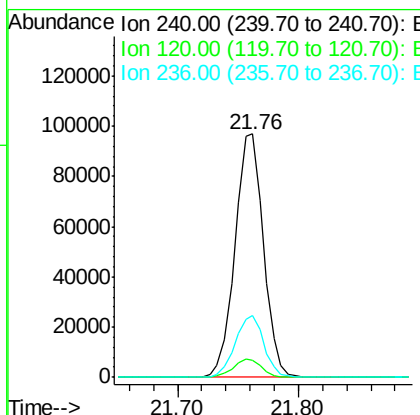
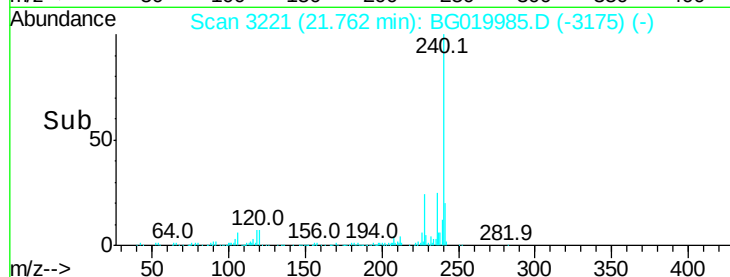
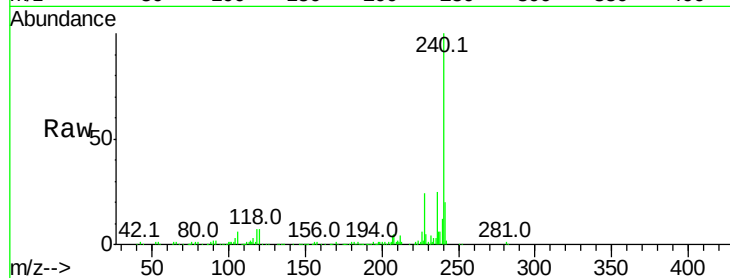
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	7.2	7.4	11.0#
236	25.3	20.7	31.1

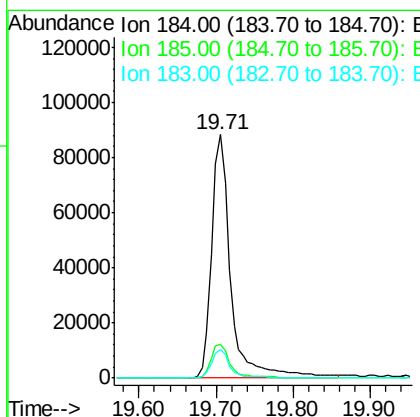
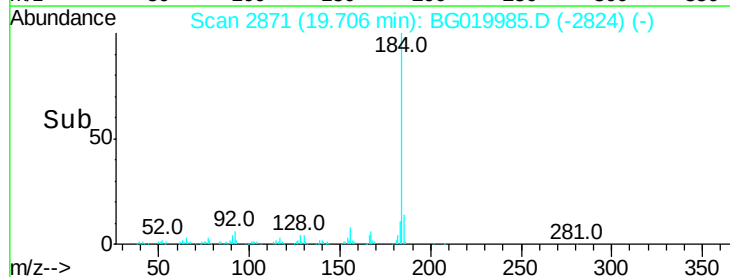
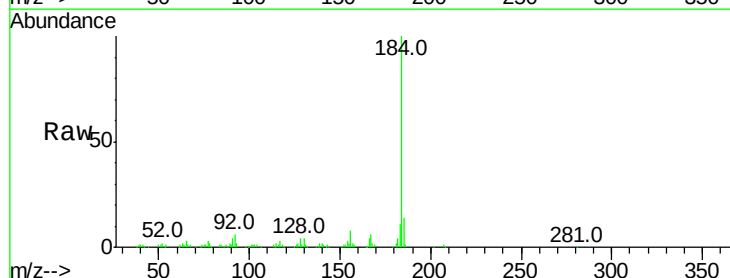
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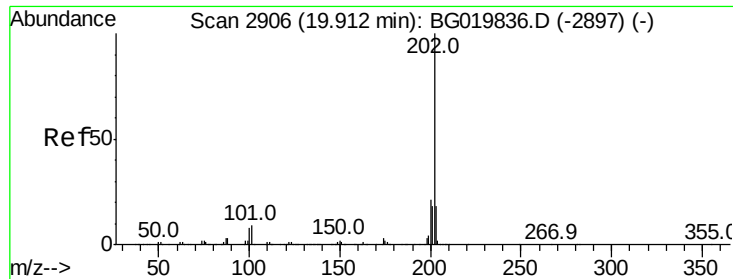
Mmdadoda
12/8/2015 6:30:10 PM



#76
Benzidine
Concen: 28.96 ng
RT: 19.71 min Scan# 2871
Delta R.T. -0.02 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.0	13.4	20.2
183	11.5	10.1	15.1





#77

Pvrene

Concen: 42.82 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.02 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

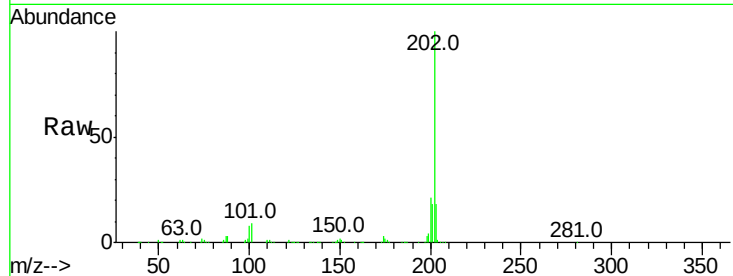
ClientSampleId :

PB87126BS

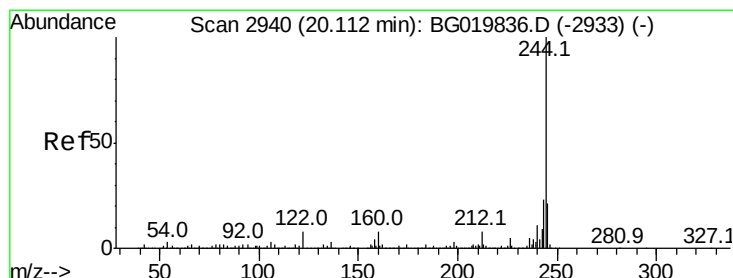
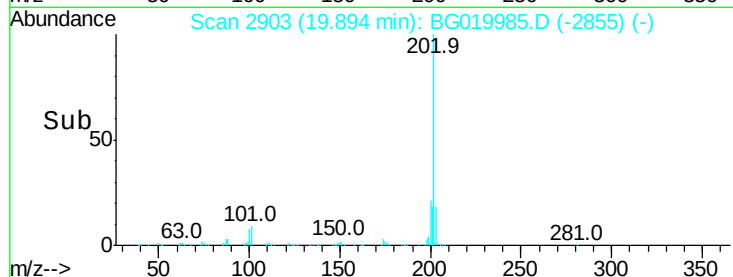
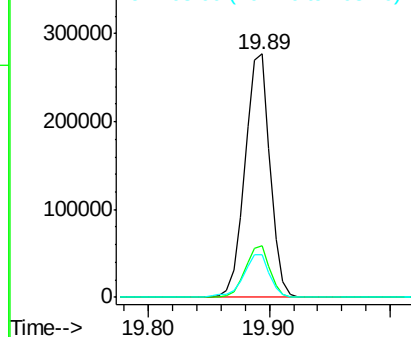
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	19.4	29.0
203	17.6	15.5	23.3

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



#78

Terphenyl-d14

Concen: 84.14 ng

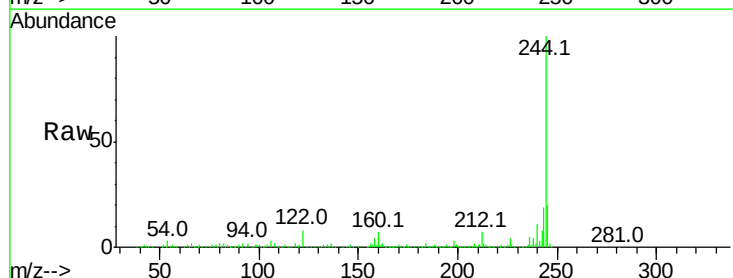
RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

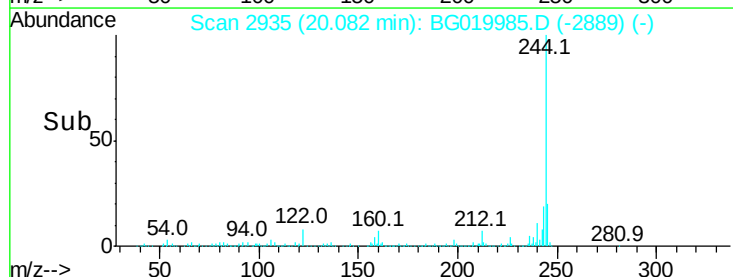
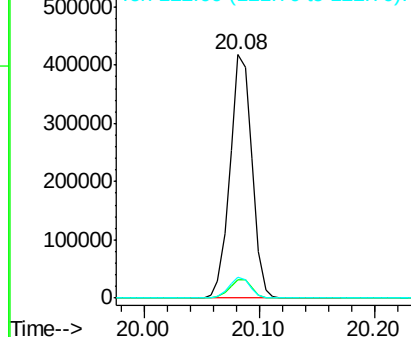
Lab File: BG019985.D

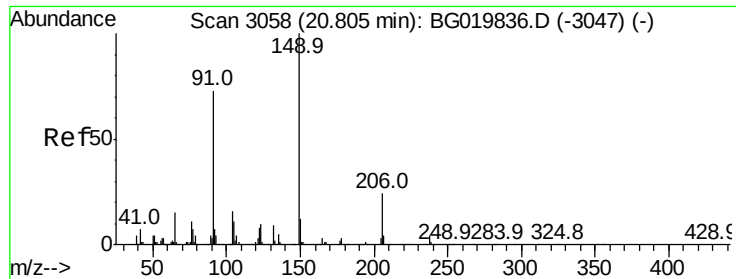
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.9	10.3
122	8.4	10.2	15.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





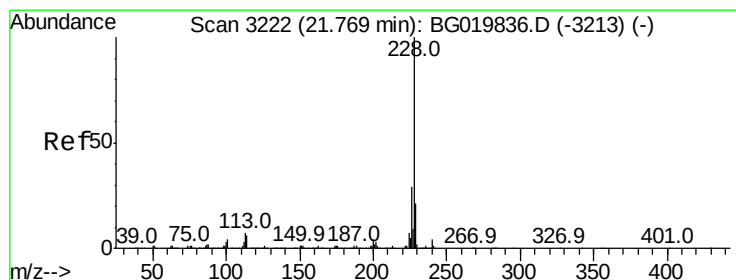
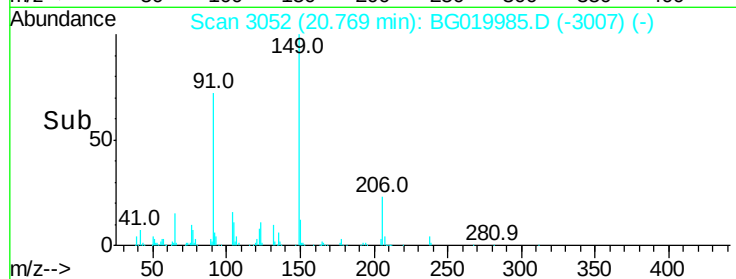
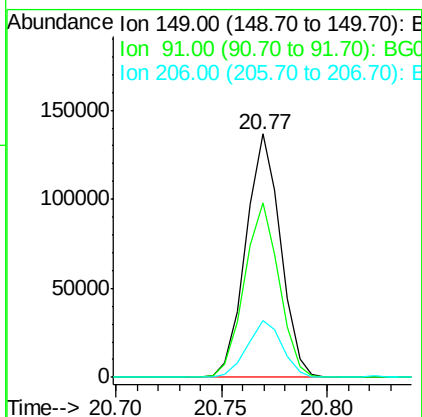
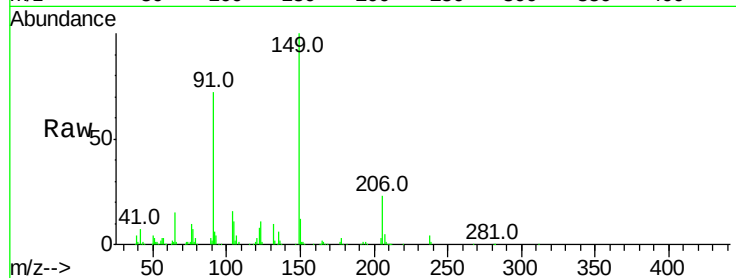
#79
Butylbenzylphthalate
Concen: 42.46 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.04 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87126BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	155680		
91	71.9	58.1	87.1	
206	23.2	17.8	26.8	

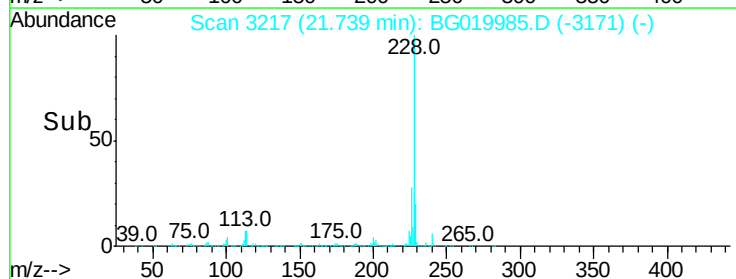
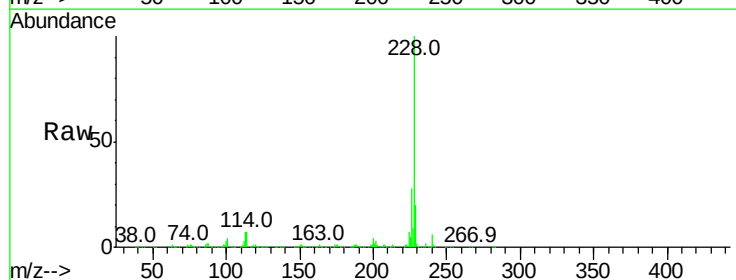
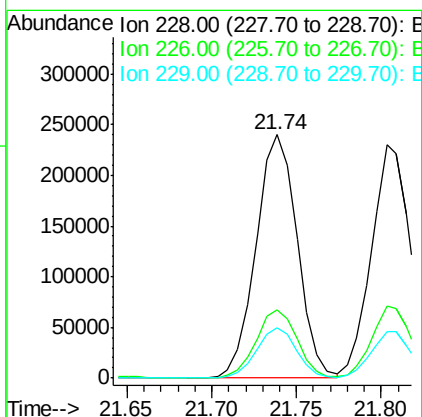
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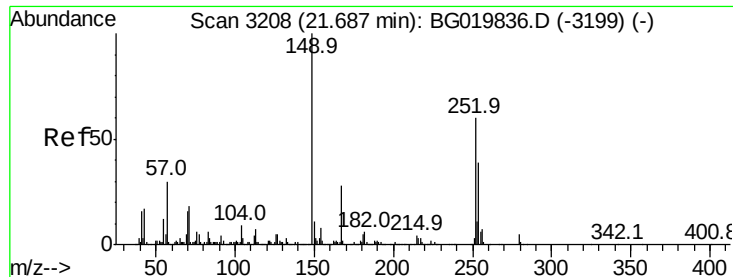
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#80
Benzo(a)anthracene
Concen: 41.79 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019985.D
Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	406795		
226	27.9	23.4	35.0	
229	20.4	16.6	25.0	





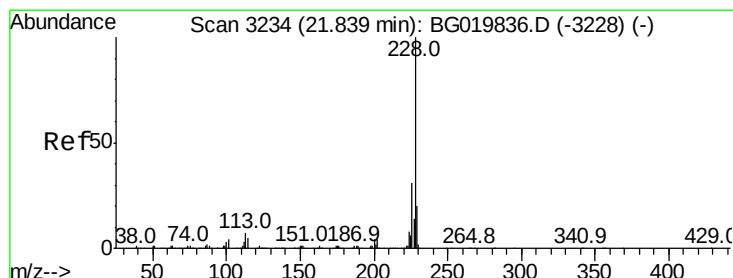
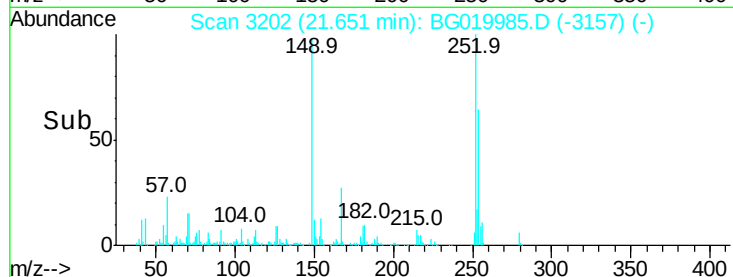
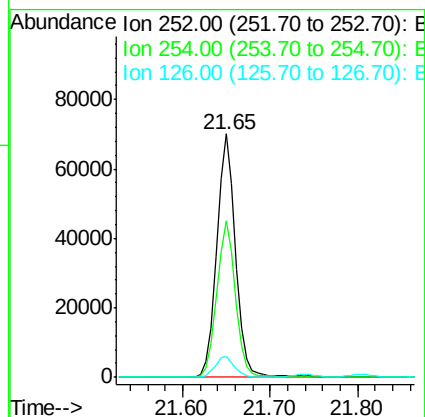
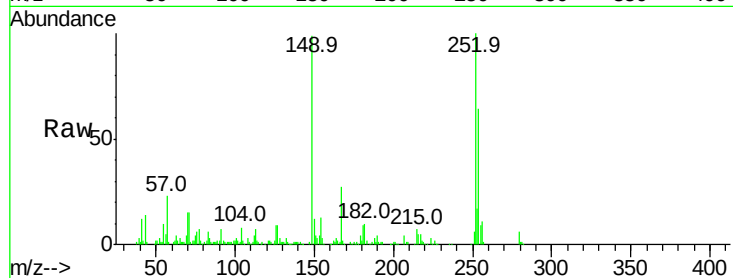
#81
 3,3'-Dichlorobenzidine
 Concen: 28.25 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	104709		
254	64.3	52.5	78.7	
126	8.8	8.5	12.7	

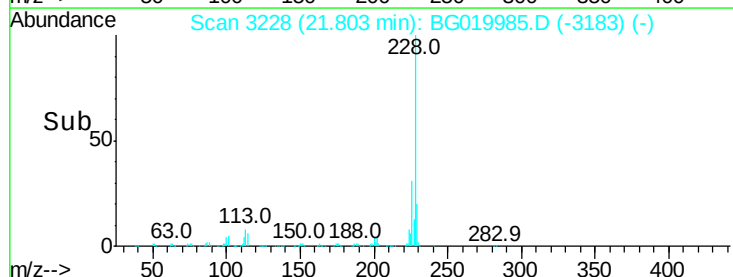
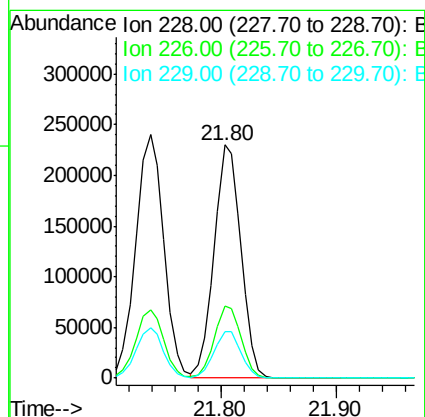
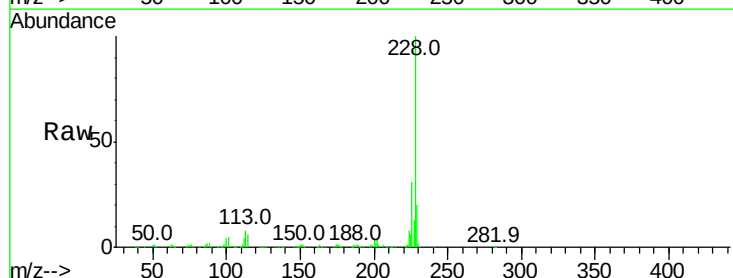
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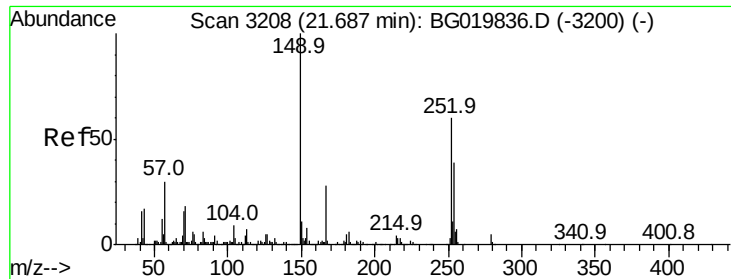
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#82
 Chrysene
 Concen: 39.99 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.04 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	369573		
226	31.2	26.7	40.1	
229	19.7	17.0	25.6	





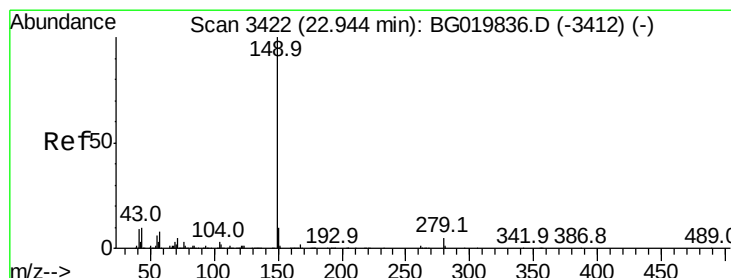
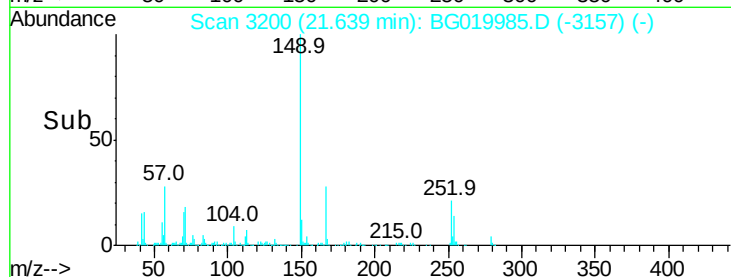
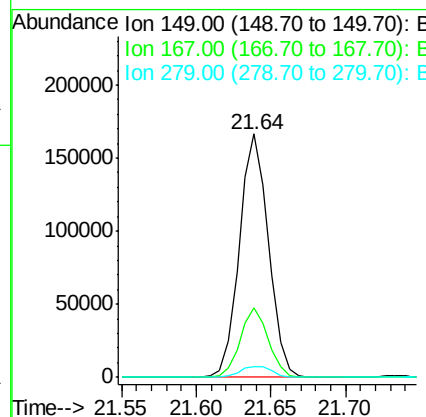
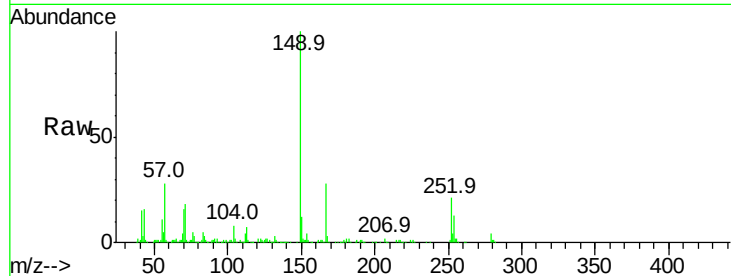
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.83 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.05 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	225108		
167	28.3		23.8	35.8
279	4.5		3.4	5.2

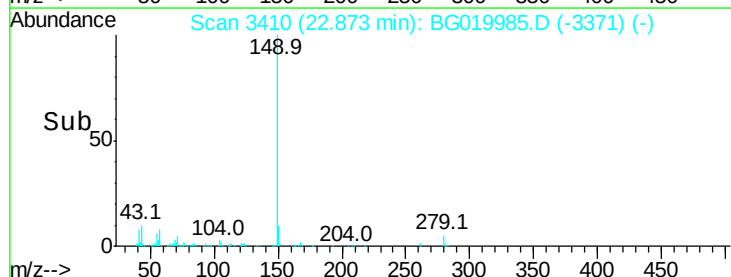
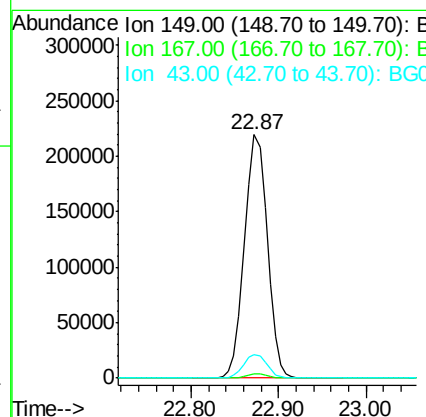
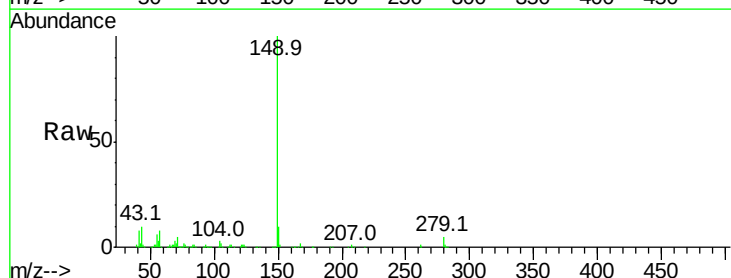
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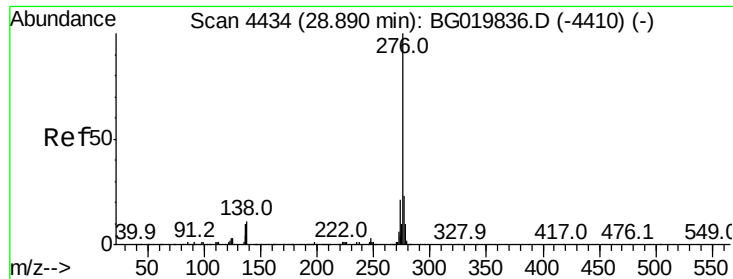
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#84
 Di-n-octyl phthalate
 Concen: 44.08 ng
 RT: 22.87 min Scan# 3410
 Delta R.T. -0.07 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	385632		
167	1.7		1.2	1.8
43	10.0		5.9	8.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.13 ng

RT: 28.80 min Scan# 4418

Delta R.T. -0.09 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

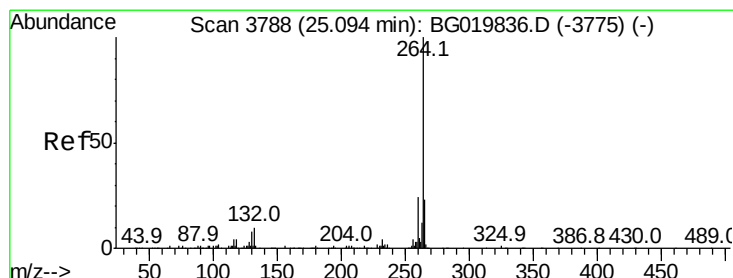
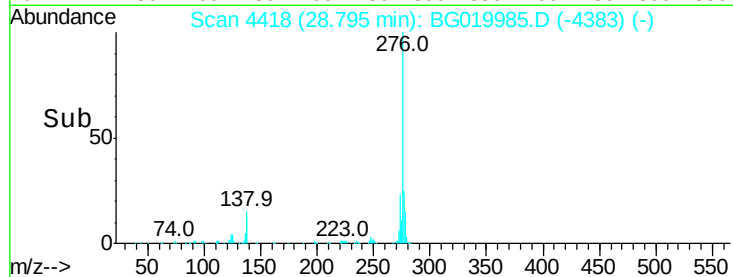
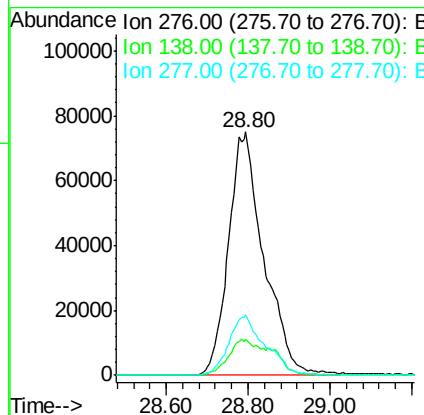
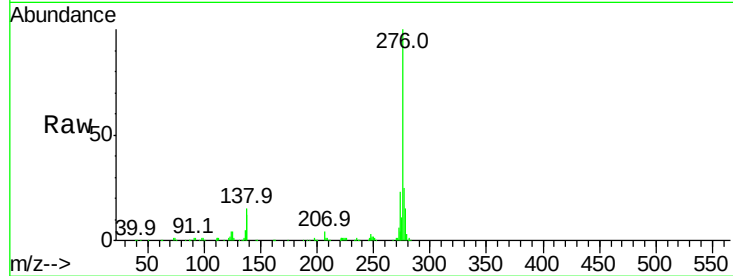
ClientSampleId :

PB87126BS

Tot Ion:	276	Resp:	449260
Ion Ratio	Lower	Upper	
276	100		
138	18.2	0.0	0.0#
277	25.3	0.0	0.0#

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#86

Perylene-d12

Concen: 20.00 ng

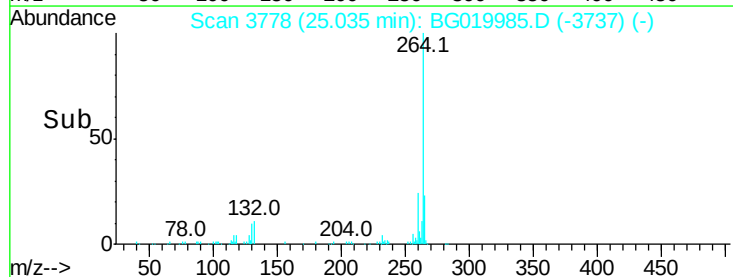
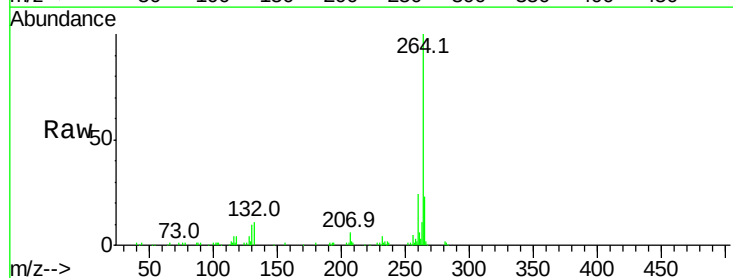
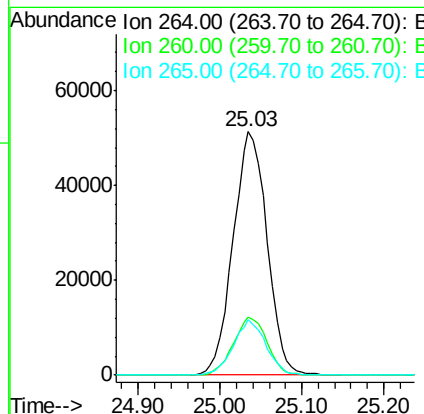
RT: 25.03 min Scan# 3778

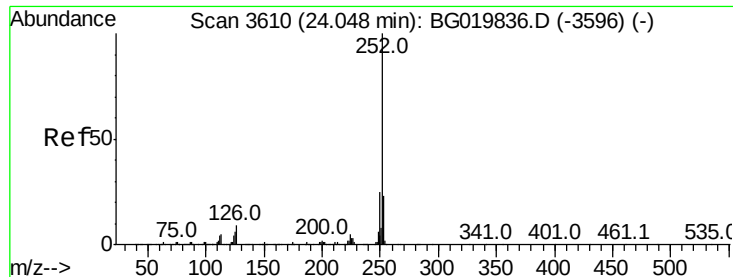
Delta R.T. -0.06 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	264	Resp:	148120
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.5	27.7
265	22.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.20 ng

RT: 23.99 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

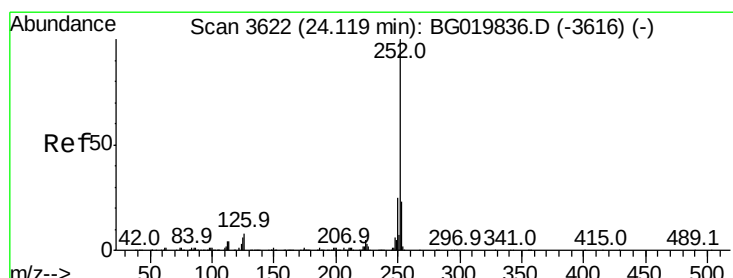
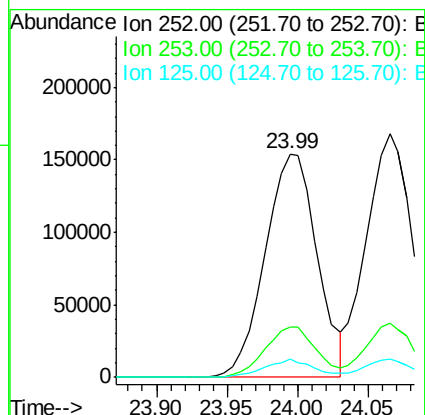
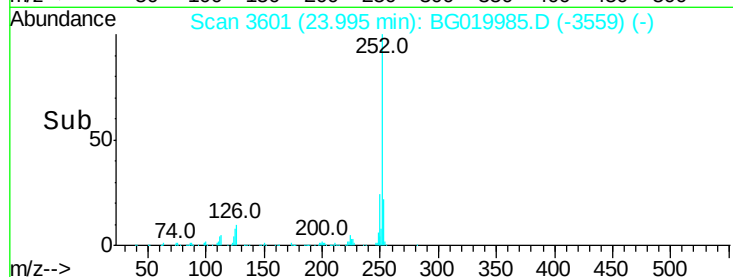
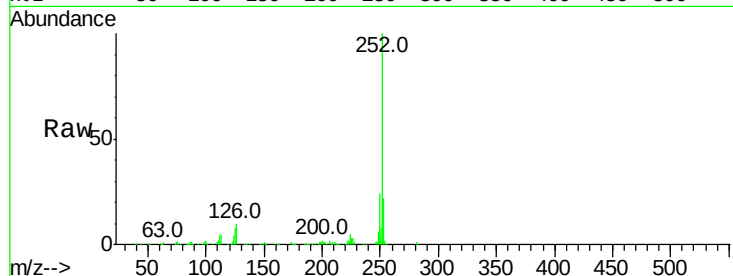
ClientSampleId :

PB87126BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	396195		
253	22.3	19.1	28.7	
125	8.0	8.9	13.3	

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#88

Benzo(k)fluoranthene

Concen: 41.02 ng

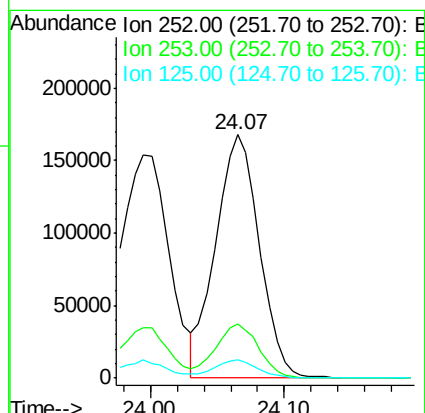
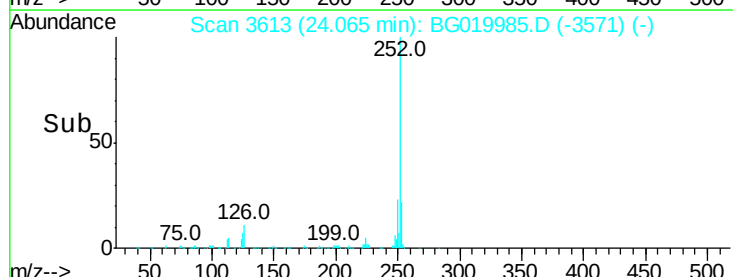
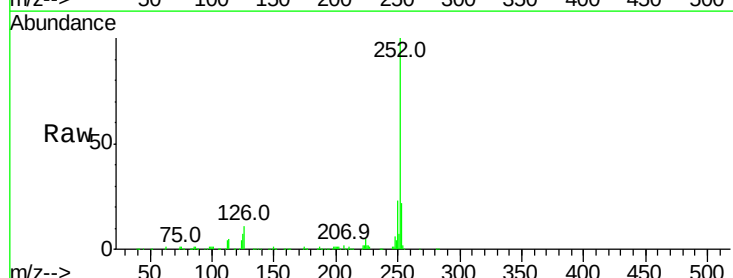
RT: 24.07 min Scan# 3613

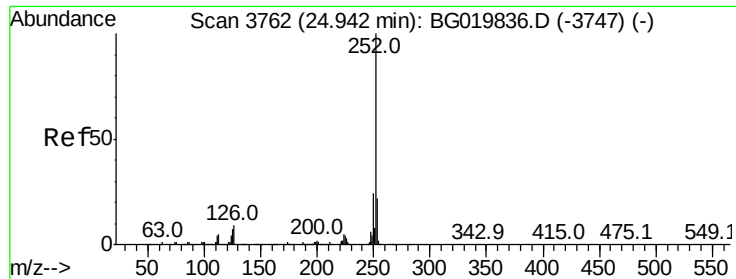
Delta R.T. -0.05 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	381347		
253	22.4	19.0	28.4	
125	7.5	8.9	13.3	





#89

Benzo(a)pyrene

Concen: 42.53 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Instrument :

BNA_G

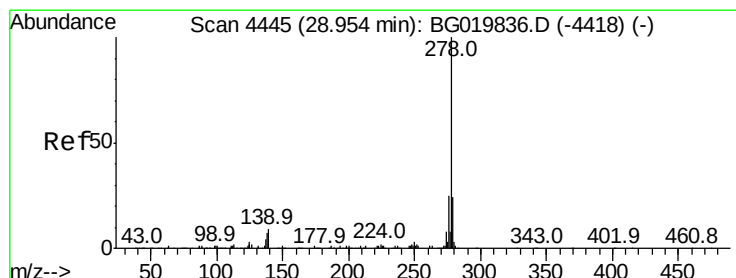
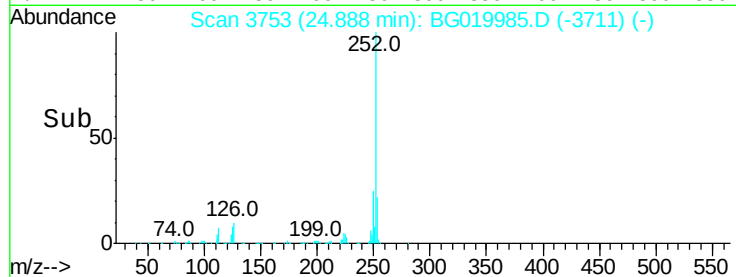
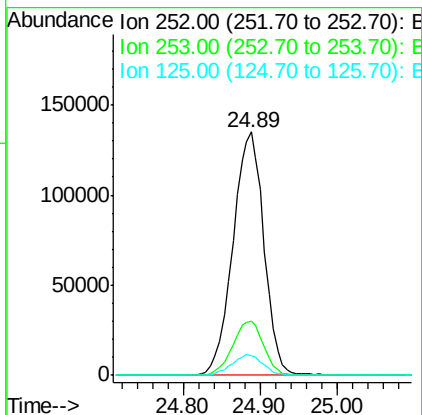
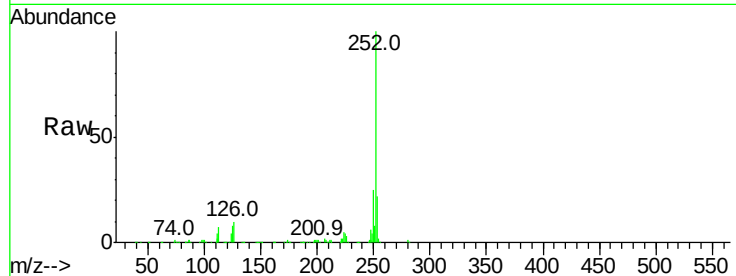
ClientSampleId :

PB87126BS

Tot Ion:	252	Resp:	379048
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.7	28.1
125	8.2	9.1	13.7#

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#90

Dibenzo(a,h)anthracene

Concen: 42.06 ng

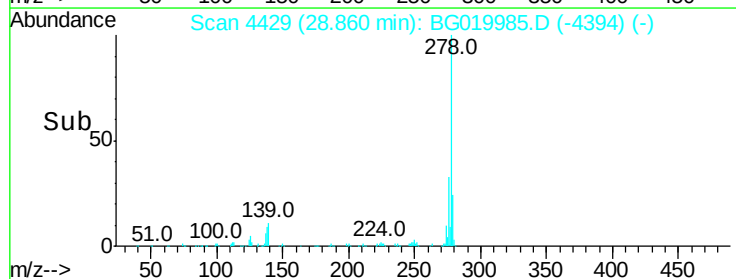
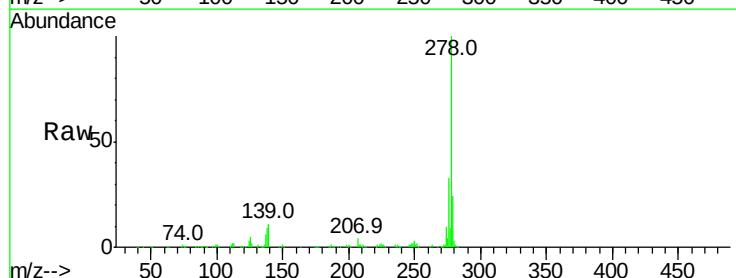
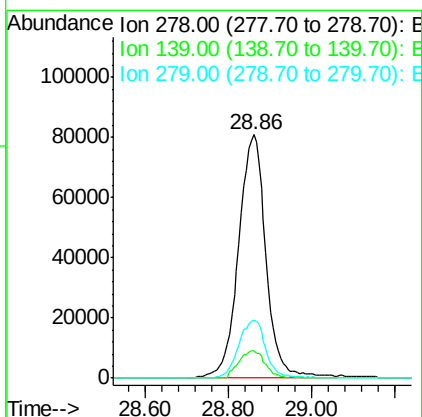
RT: 28.86 min Scan# 4429

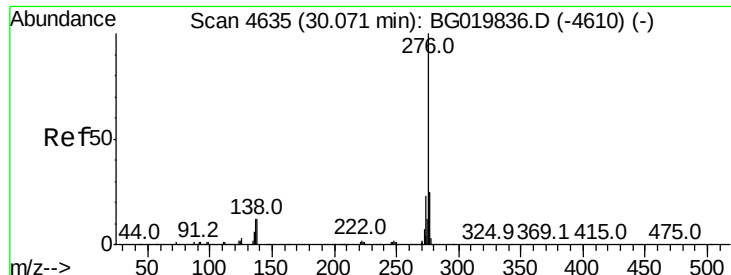
Delta R.T. -0.09 min

Lab File: BG019985.D

Acq: 7 Dec 2015 17:39

Tgt Ion:	278	Resp:	370315
Ion Ratio	Lower	Upper	
278	100		
139	11.3	13.8	20.6#
279	23.6	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 42.24 ng
 RT: 29.96 min Scan# 4617
 Delta R.T. -0.11 min
 Lab File: BG019985.D
 Acq: 7 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	18.4	27.6
138	15.3	17.4	26.0

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