

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019950.D
 Acq On : 5 Dec 2015 20:13
 Operator : UM/NP
 Sample : PB87049BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB87049BS

Manual Integrations
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 12/7/2015 6:31:45 PM

Quant Time: Dec 07 02:34:05 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	34325	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	150927	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	107654	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	274745	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	326830	20.00	ng	-0.03
86) Perylene-d12	25.04	264	308357	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	265891	140.00	ng	-0.01
7) Phenol-d6	7.26	99	384057	133.94	ng	-0.01
23) Nitrobenzene-d5	9.28	82	246506	83.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	190019	115.36	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	585254	74.23	ng	-0.02
78) Terphenyl-d14	20.09	244	1002082	74.79	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	27807	37.58	ng	# 100
3) Pyridine	3.92	79	84564	37.63	ng	# 90
4) n-Nitrosodimethylamine	3.84	42	43979	37.21	ng	# 85
6) Aniline	7.43	93	89909	24.21	ng	# 84
8) 2-Chlorophenol	7.67	128	99610	43.01	ng	# 93
9) Benzaldehyde	7.24	77	33592	17.57	ng	# 92
10) Phenol	7.29	94	135582	44.93	ng	# 79
11) bis(2-Chloroethyl)ether	7.53	93	90372	40.43	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	100612	38.33	ng	# 92
13) 1,4-Dichlorobenzene	8.15	146	103394	38.14	ng	# 93
14) 1,2-Dichlorobenzene	8.47	146	98751	38.19	ng	# 94
15) Benzyl Alcohol	8.35	79	105482	41.92	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	138380	37.96	ng	# 92
17) 2-Methylphenol	8.55	107	94144	44.19	ng	# 91
18) Hexachloroethane	9.21	117	38119	37.55	ng	# 92
19) n-Nitroso-di-n-propylamine	8.92	70	84230	37.25	ng	# 92
20) 3+4-Methylphenols	8.88	107	132570	44.19	ng	# 95
22) Acetophenone	8.94	105	149764	36.20	ng	# 93
24) Nitrobenzene	9.32	77	126998	39.59	ng	# 91
25) Isophorone	9.85	82	231230	36.47	ng	# 95
26) 2-Nitrophenol	10.04	139	55556	44.84	ng	# 75
27) 2,4-Dimethylphenol	10.09	122	106831	41.41	ng	# 96
28) bis(2-Chloroethoxy)methane	10.33	93	131143	42.33	ng	# 99
29) 2,4-Dichlorophenol	10.57	162	116405	44.16	ng	# 96
30) 1,2,4-Trichlorobenzene	10.79	180	108955	36.58	ng	# 95
31) Naphthalene	10.99	128	313336	38.75	ng	# 99
32) Benzoic acid	10.22	122	71876	42.17	ng	# 89
33) 4-Chloroaniline	11.08	127	47343	13.29	ng	# 90
34) Hexachlorobutadiene	11.27	225	76546	34.84	ng	# 99
35) Caprolactam	11.86	113	40105m	40.88	ng	# 99
36) 4-Chloro-3-methylphenol	12.20	107	134924	41.10	ng	# 96
37) 2-Methylnaphthalene	12.58	142	237607	40.10	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	146378	35.83	ng	# 99
40) Hexachlorocyclopentadiene	12.93	237	165323	70.97	ng	# 98

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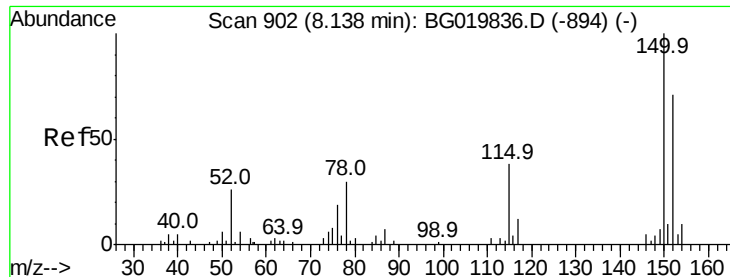
Manual Integrations
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 12/7/2015 6:31:45 PM

Quant Time: Dec 07 02:34:05 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)
42) 2,4,6-Trichlorophenol	13.18	196	104577	38.66	nq	98
43) 2,4,5-Trichlorophenol	13.25	196	118433	41.43	nq	96
45) 1,1'-Biphenyl	13.58	154	315349	35.69	nq	98
46) 2-Chloronaphthalene	13.62	162	255693	37.55	nq	95
47) 2-Nitroaniline	13.82	65	96865	45.04	nq	92
48) Acenaphthylene	14.47	152	428504	36.94	nq	99
49) Dimethylphthalate	14.19	163	357519	36.92	nq	# 98
50) 2,6-Dinitrotoluene	14.31	165	77329	42.47	nq	# 73
51) Acenaphthene	14.81	154	302136m	42.93	nq	
52) 3-Nitroaniline	14.64	138	48932	25.87	nq	91
53) 2,4-Dinitrophenol	14.85	184	82122	84.21	nq	89
54) Dibenzofuran	15.14	168	429953	41.06	nq	93
55) 4-Nitrophenol	14.94	139	135219	82.08	nq	# 67
56) 2,4-Dinitrotoluene	15.10	165	115881	45.62	nq	# 93
57) Fluorene	15.79	166	350207	37.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	114722	43.36	nq	97
59) Diethylphthalate	15.56	149	373325	35.62	nq	99
60) 4-Chlorophenyl-phenylether	15.78	204	192060	35.69	nq	96
61) 4-Nitroaniline	15.80	138	84422	39.68	nq	# 75
62) Azobenzene	16.07	77	355580	40.77	nq	96
64) 4,6-Dinitro-2-methylphenol	15.86	198	66978	43.98	nq	96
65) n-Nitrosodiphenylamine	15.99	169	318679	40.08	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	128085	37.52	nq	96
67) Hexachlorobenzene	16.79	284	138447	38.93	nq	98
68) Atrazine	16.94	200	137244	39.73	nq	97
69) Pentachlorophenol	17.13	266	178335	85.92	nq	93
70) Phenanthrene	17.53	178	599607	38.57	nq	97
71) Anthracene	17.62	178	610132	38.54	nq	98
72) Carbazole	17.88	167	544989	39.07	nq	99
73) Di-n-butylphthalate	18.44	149	649951	38.02	nq	99
74) Fluoranthene	19.53	202	743946	37.42	nq	96
76) Benzidine	19.71	184	195588	18.22	nq	96
77) Pyrene	19.89	202	764408	39.76	nq	97
79) Butylbenzylphthalate	20.78	149	296873	39.39	nq	99
80) Benzo(a)anthracene	21.74	228	774339	38.71	nq	100
81) 3,3'-Dichlorobenzidine	21.65	252	158742	20.83	nq	98
82) Chrysene	21.81	228	701564	36.93	nq	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	433115	39.16	nq	# 97
84) Di-n-octyl phthalate	22.88	149	744753	41.42	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.78	276	862930	41.24	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	759792	38.88	nq	# 95
88) Benzo(k)fluoranthene	24.07	252	733145	37.88	nq	# 95
89) Benzo(a)pyrene	24.89	252	733615	39.54	nq	# 96
90) Dibenzo(a,h)anthracene	28.86	278	705762	38.50	nq	# 94
91) Benzo(g,h,i)perylene	29.97	276	706903	39.27	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: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

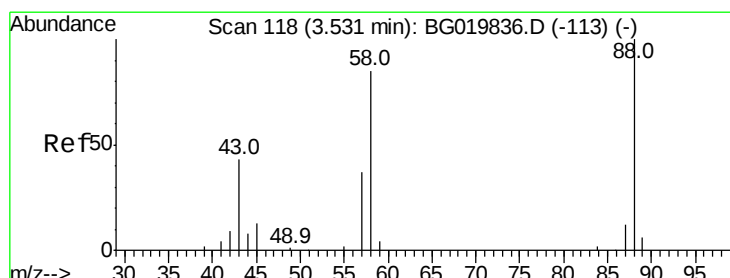
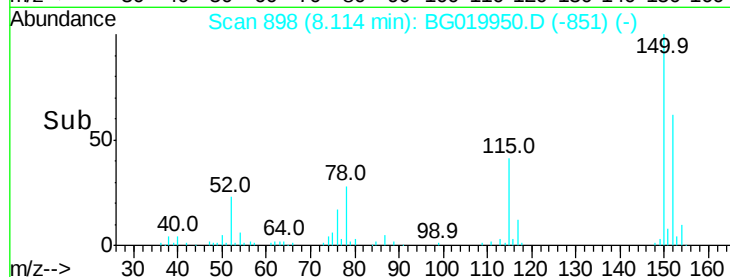
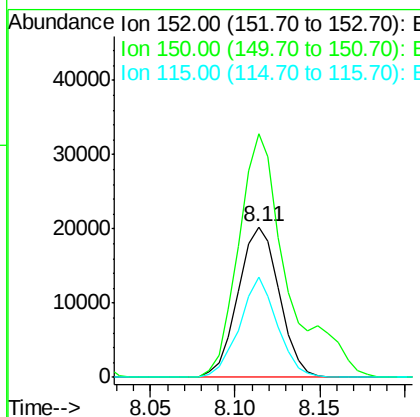
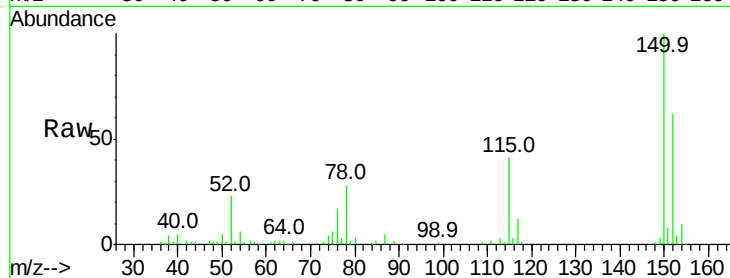
ClientSampleId :

PB87049BS

Tot Ion:	152	Resp:	34325
Ion Ratio	Lower	Upper	
152	100		
150	161.6	115.0	172.4
115	66.3	43.9	65.9#

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#2

1,4-Dioxane

Concen: 37.58 ng

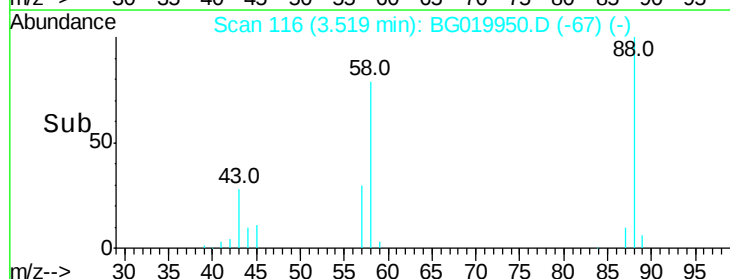
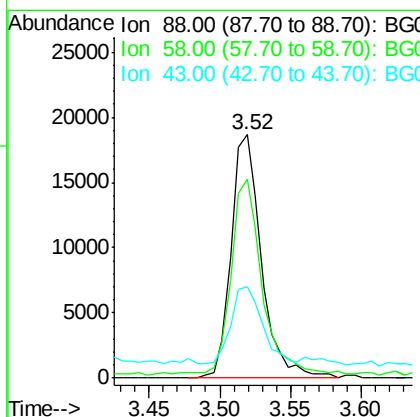
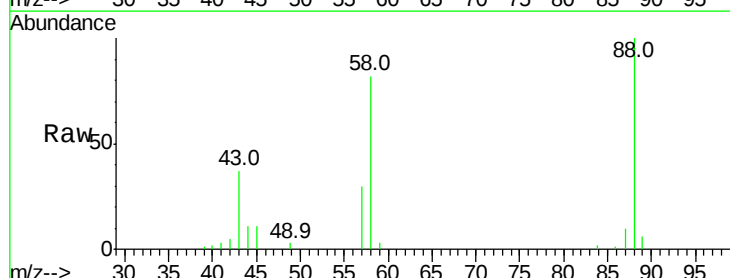
RT: 3.52 min Scan# 116

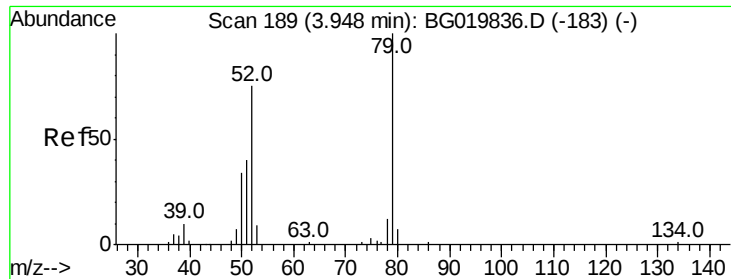
Delta R.T. -0.01 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	88	Resp:	27807
Ion Ratio	Lower	Upper	
88	100		
58	82.1	0.0	0.0#
43	33.1	0.0	0.0#





#3

Pvridine

Concen: 37.63 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

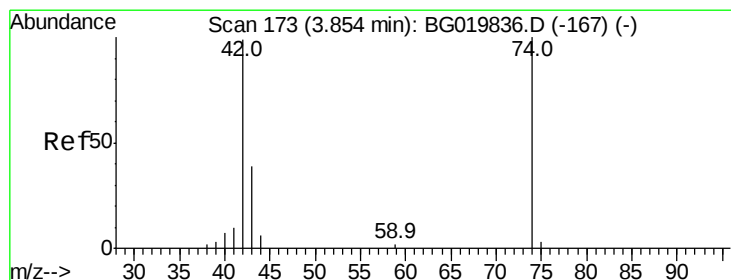
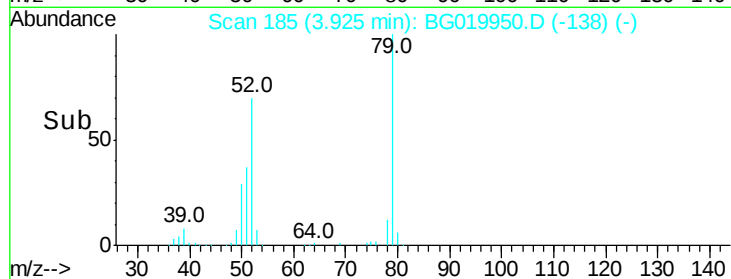
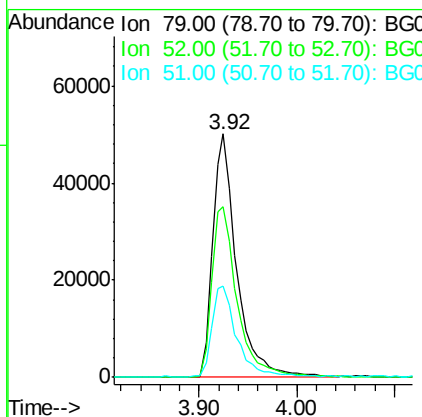
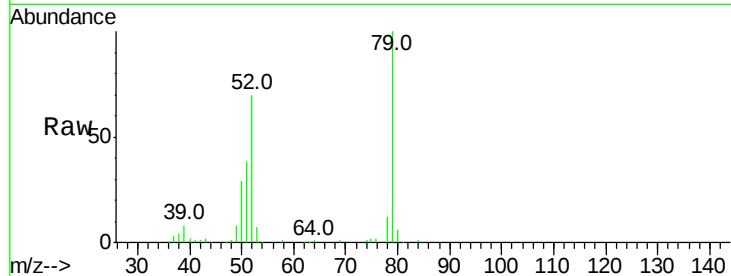
ClientSampleId :

PB87049BS

Tot Ion:	79	Resp:	84564
Ion Ratio	Lower	Upper	
79	100		
52	70.1	50.3	75.5
51	37.6	24.8	37.2#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.21 ng

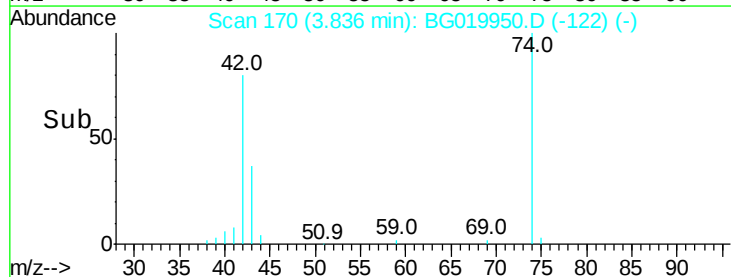
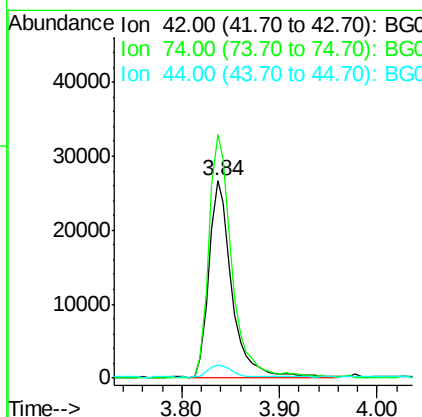
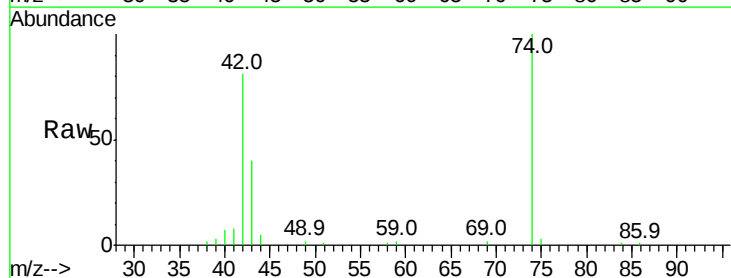
RT: 3.84 min Scan# 170

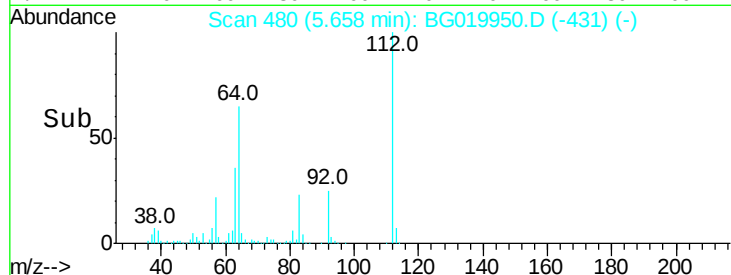
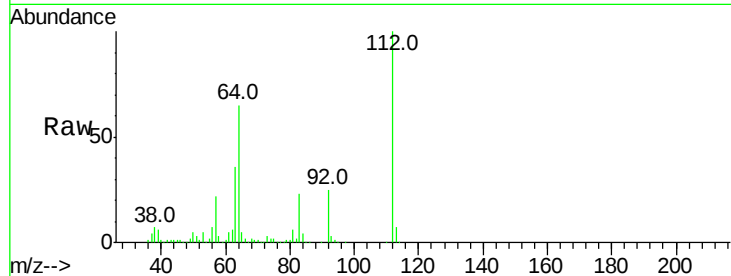
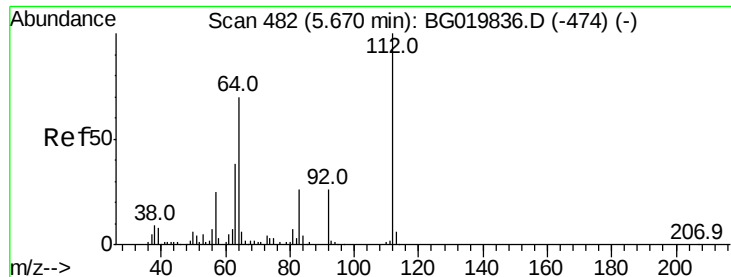
Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	42	Resp:	43979
Ion Ratio	Lower	Upper	
42	100		
74	123.6	113.9	170.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 140.00 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tot Ion:	112	Resp:	265891
Ion Ratio	Lower	Upper	
112	100		
64	65.4	43.7	65.5
63	36.3	24.0	36.0#

Instrument :

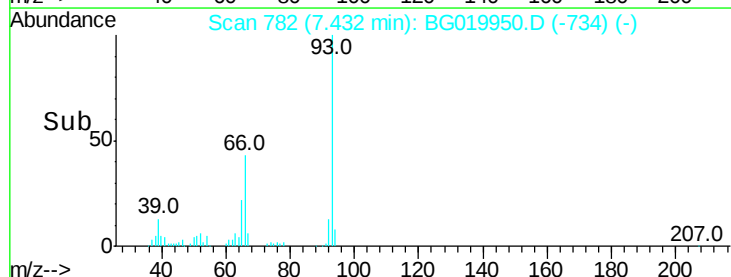
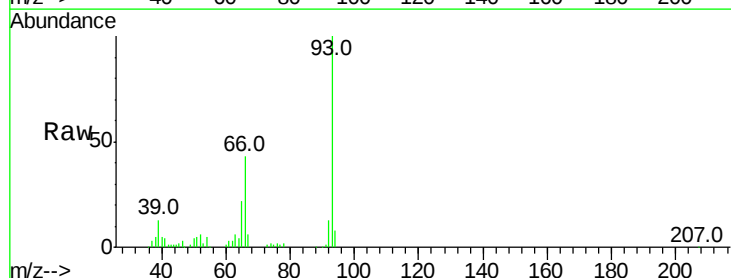
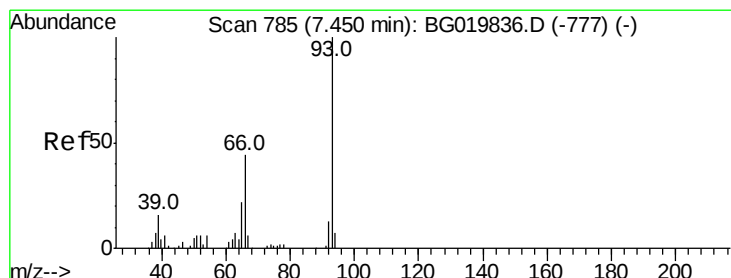
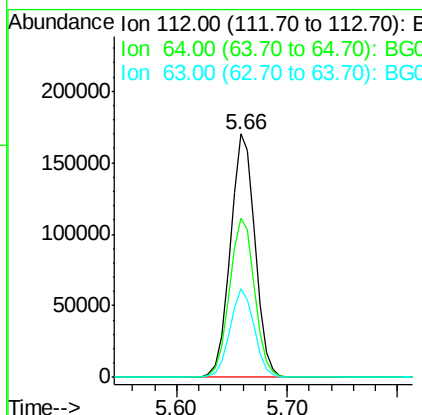
BNA_G

ClientSampleId :

PB87049BS

Manual Integrations
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#6

Aniline

Concen: 24.21 ng

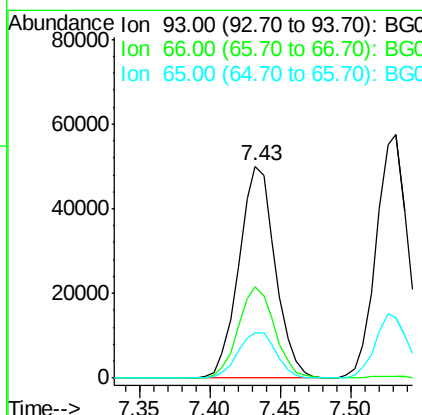
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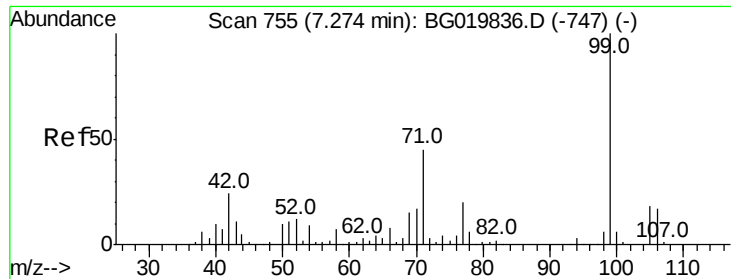
Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	93	Resp:	89909
Ion Ratio	Lower	Upper	
93	100		
66	43.4	26.2	39.2#
65	21.5	14.0	21.0#





#7

Phenol-d6

Concen: 133.94 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

ClientSampleId :

PB87049BS

Tot Ion: 99 Resp: 384057

Ion Ratio Lower Upper

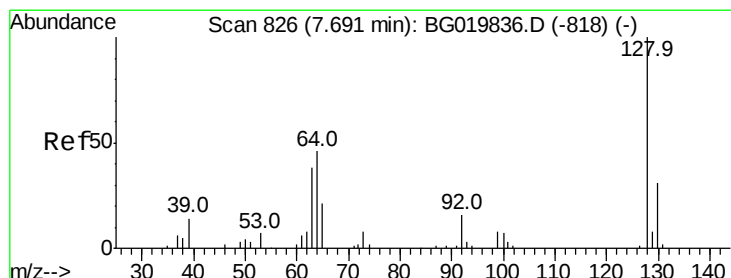
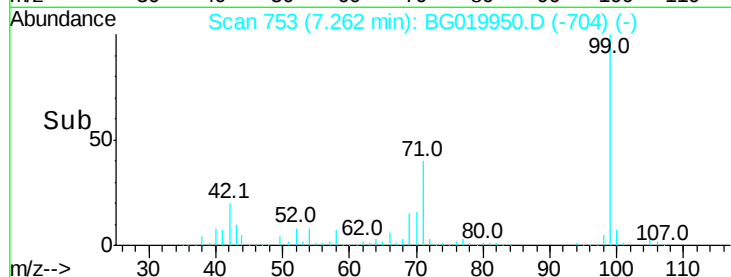
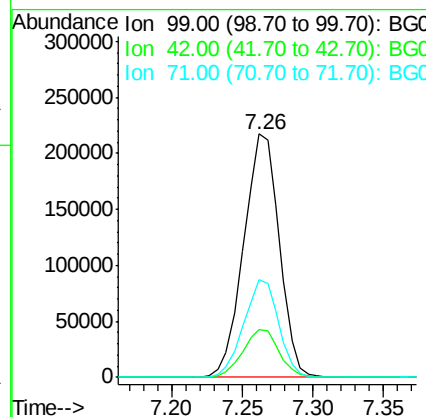
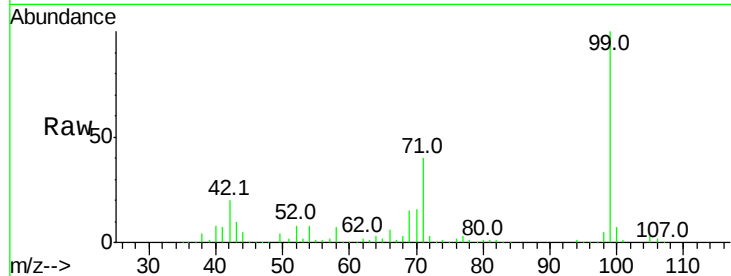
99 100

42 19.6 11.5 17.3#

71 40.4 22.6 34.0#

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#8

2-Chlorophenol

Concen: 43.01 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

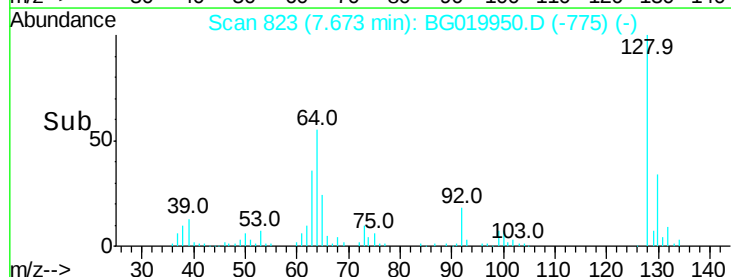
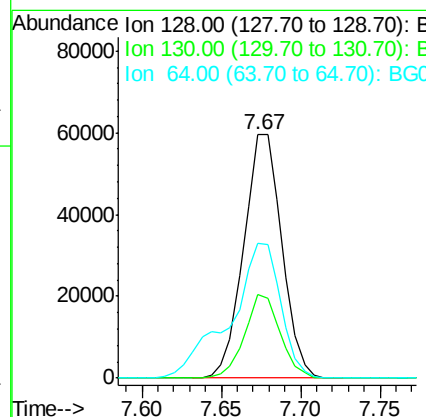
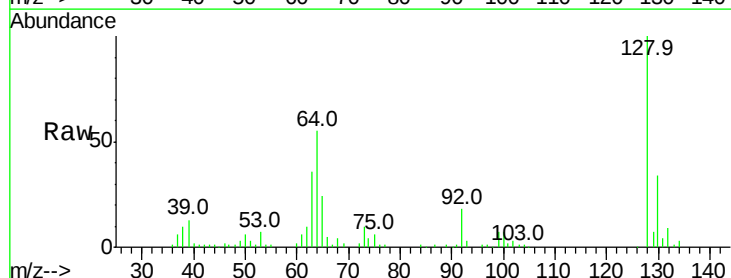
Tgt Ion: 128 Resp: 99610

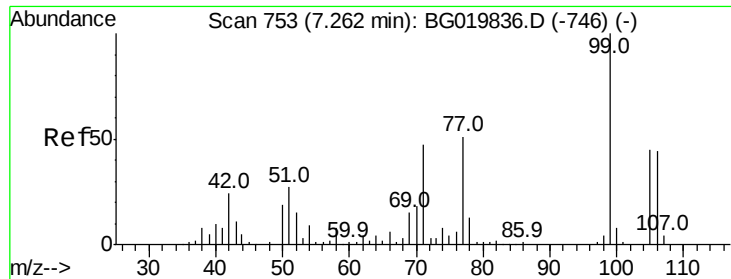
Ion Ratio Lower Upper

128 100

130 34.2 13.0 53.0

64 55.1 28.2 68.2





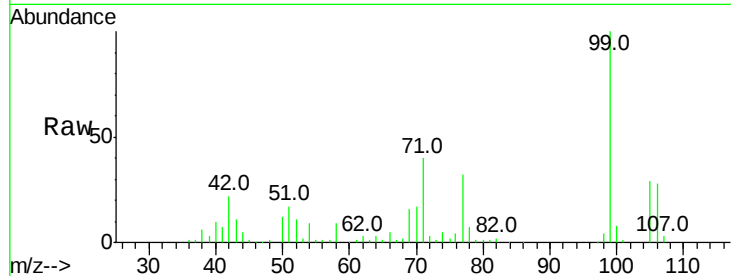
#9
Benzaldehyde
Concen: 17.57 ng
RT: 7.24 min Scan# 750
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

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BNA_G
ClientSampleId :
PB87049BS

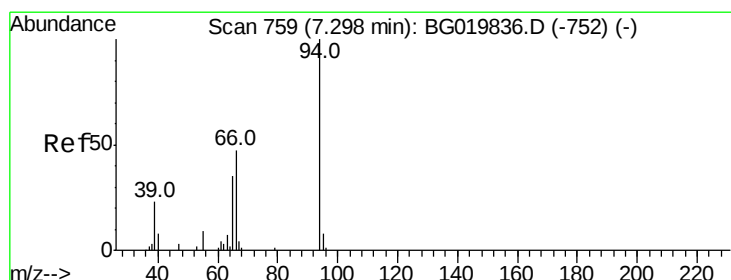
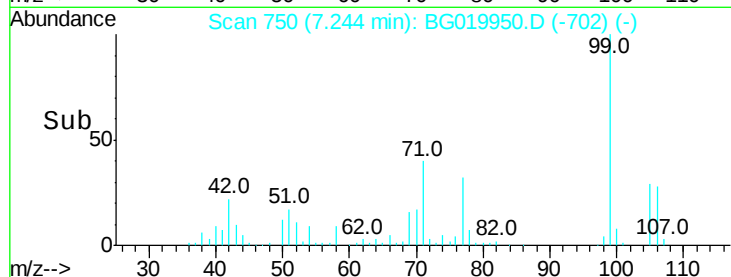
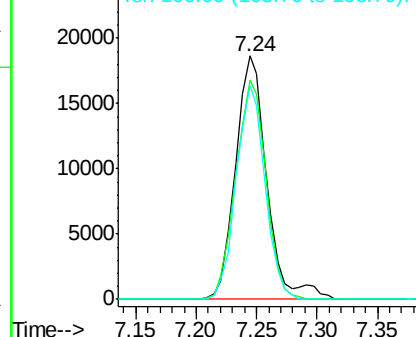
Tot Ion	Ratio	Lower	Upper
77	100		
105	89.9	77.7	117.7
106	88.1	75.8	115.8

Manual Integrations
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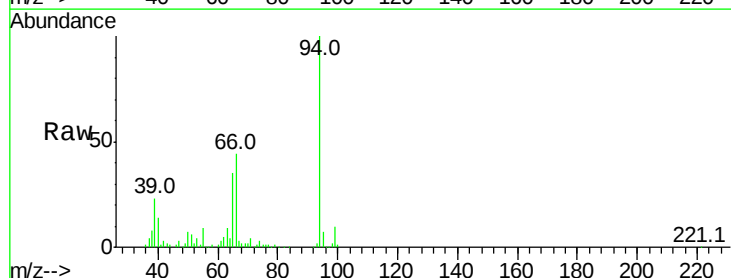


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

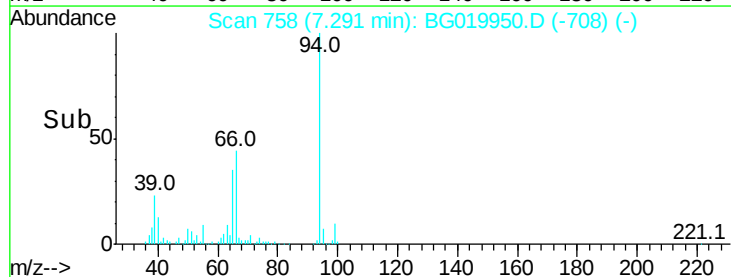
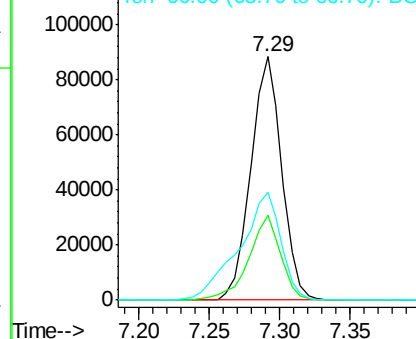


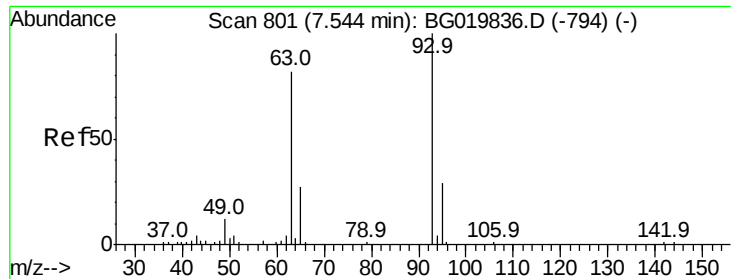
#10
Phenol
Concen: 44.93 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.7	5.4	45.4
66	44.3	11.8	51.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.43 ng

RT: 7.53 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

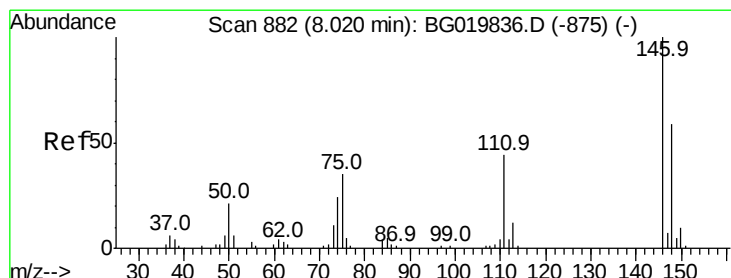
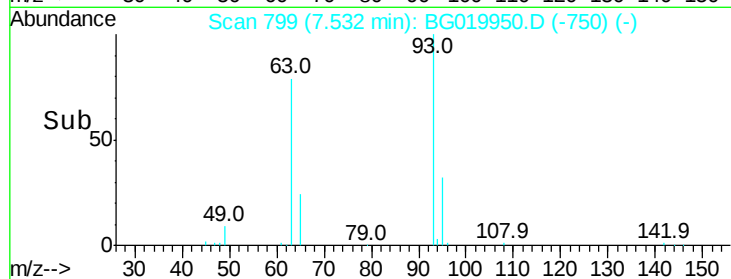
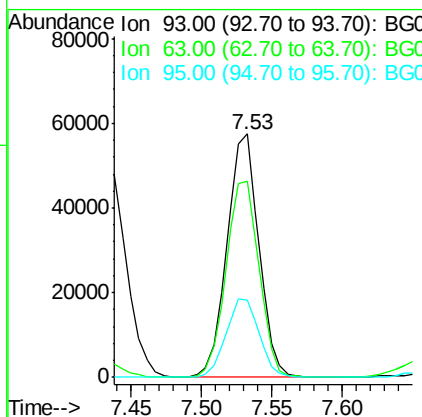
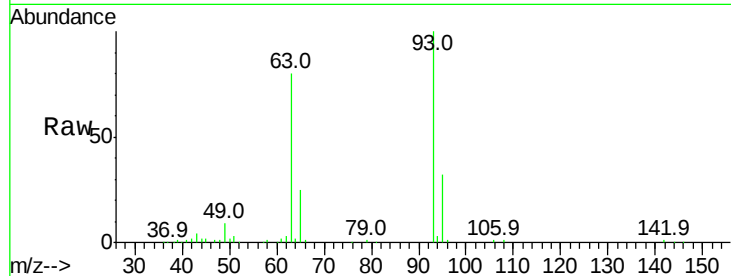
ClientSampleId :

PB87049BS

Tot Ion:	93	Resp:	90372
Ion Ratio	Lower	Upper	
93	100		
63	80.5	50.5	90.5
95	31.7	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 38.33 ng

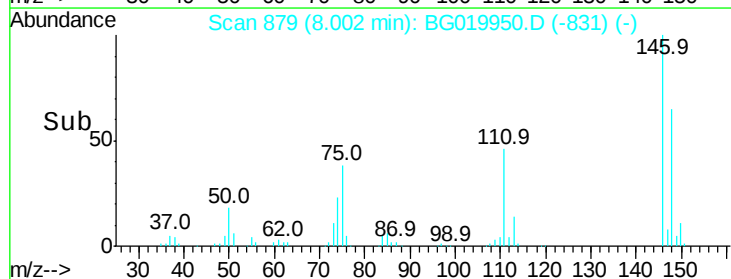
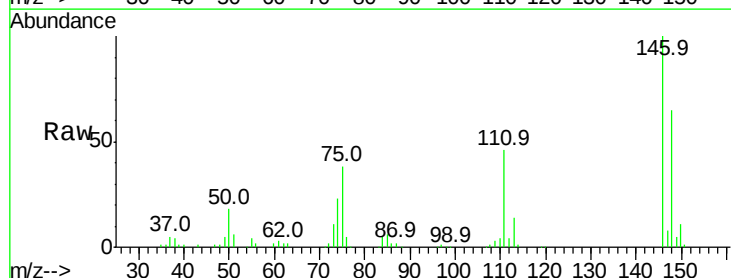
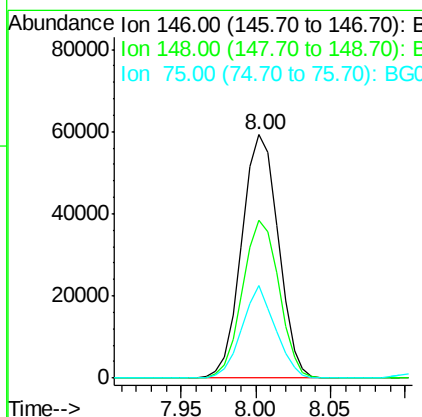
RT: 8.00 min Scan# 879

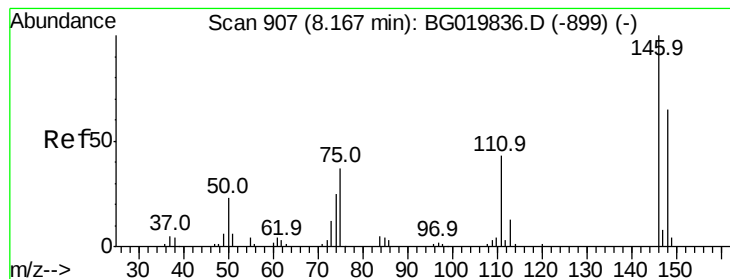
Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	146	Resp:	100612
Ion Ratio	Lower	Upper	
146	100		
148	65.1	53.4	80.0
75	37.8	21.1	31.7#





#13

1,4-Dichlorobenzene

Concen: 38.14 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

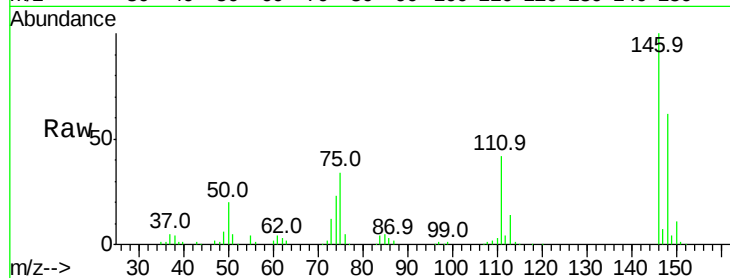
ClientSampleId :

PB87049BS

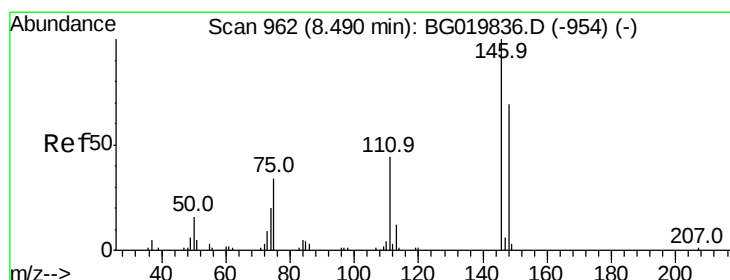
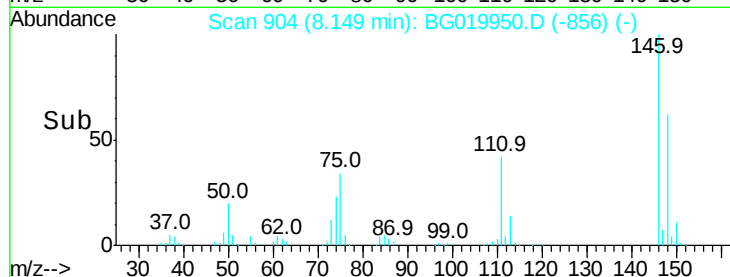
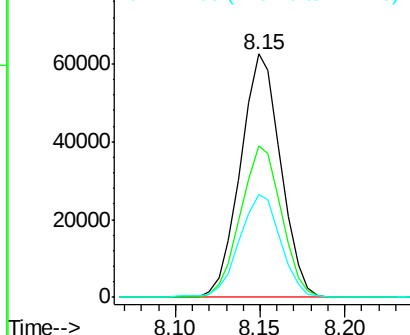
Tot Ion:	146	Resp:	103394
Ion Ratio	Lower	Upper	
146	100		
148	62.4	52.5	78.7
111	42.3	28.3	42.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.19 ng

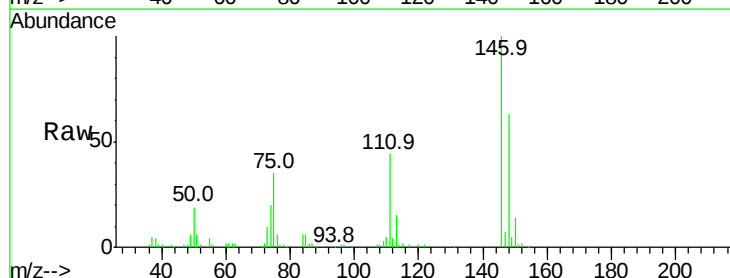
RT: 8.47 min Scan# 959

Delta R.T. -0.02 min

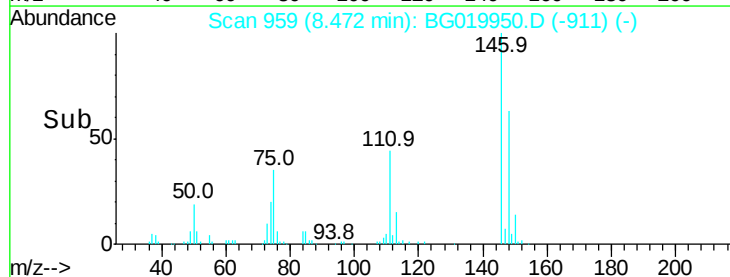
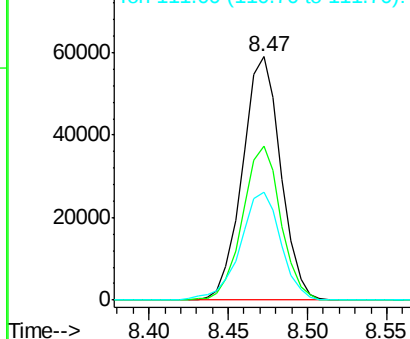
Lab File: BG019950.D

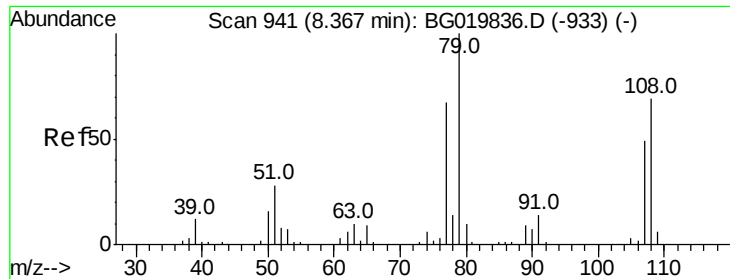
Acq: 5 Dec 2015 20:13

Tgt Ion:	146	Resp:	98751
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.5	78.7
111	44.4	29.9	44.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.92 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

ClientSampleId :

PB87049BS

Tot Ion: 79 Resp: 105482
Ion Ratio Lower Upper

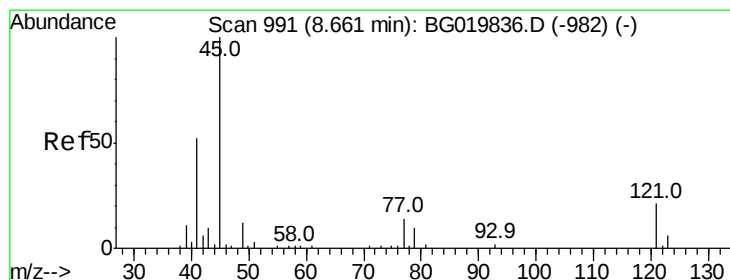
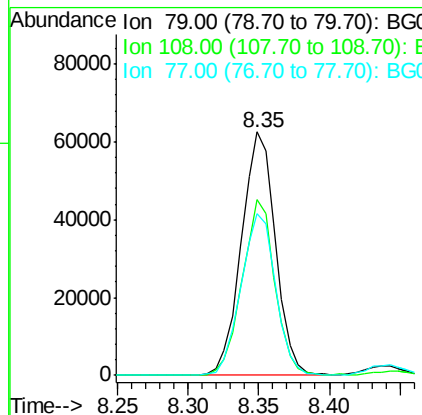
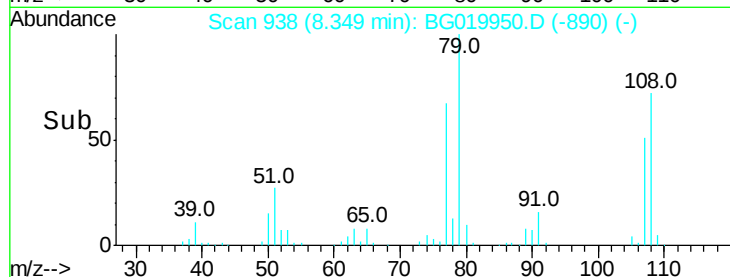
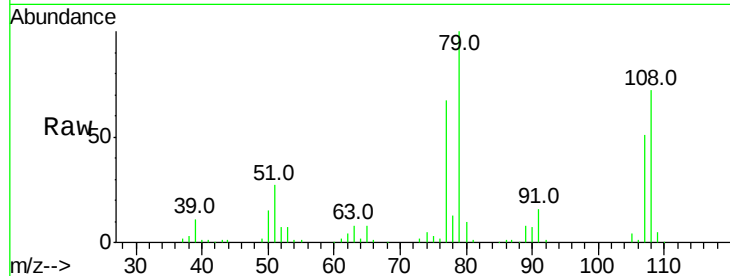
79 100

108 72.0 65.5 98.3

77 66.6 51.3 76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.96 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG019950.D

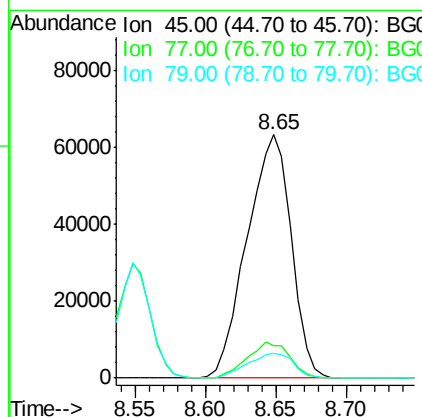
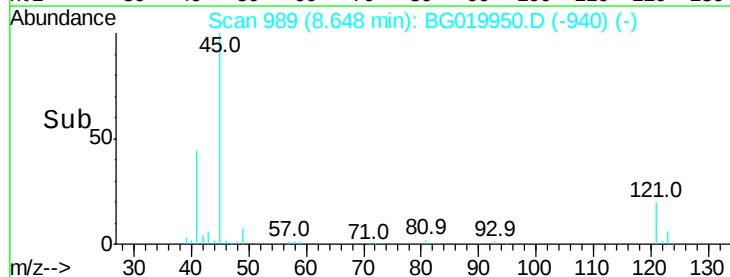
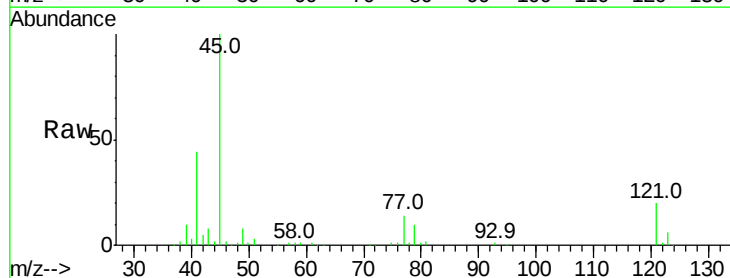
Acq: 5 Dec 2015 20:13

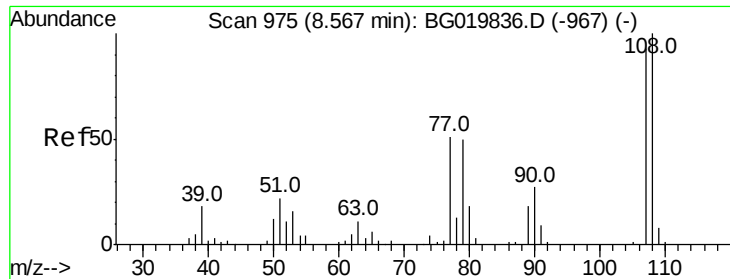
Tgt Ion: 45 Resp: 138380
Ion Ratio Lower Upper

45 100

77 13.6 0.0 37.0

79 10.3 0.0 33.8





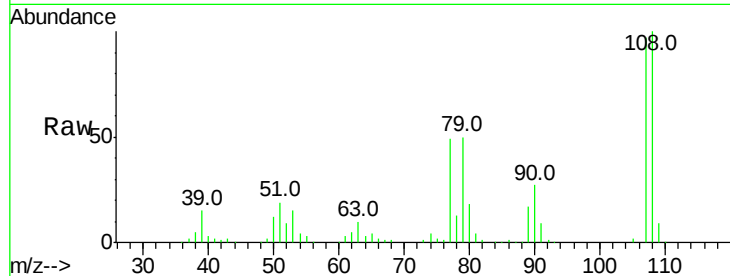
#17
2-Methylphenol
Concen: 44.19 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

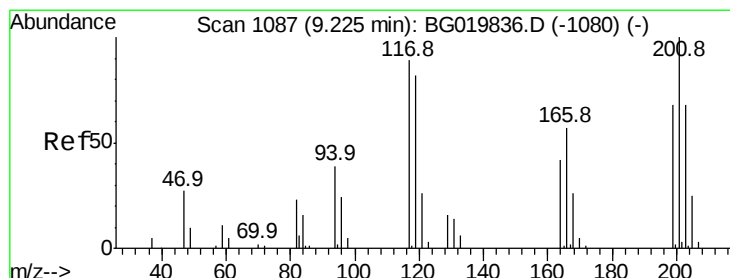
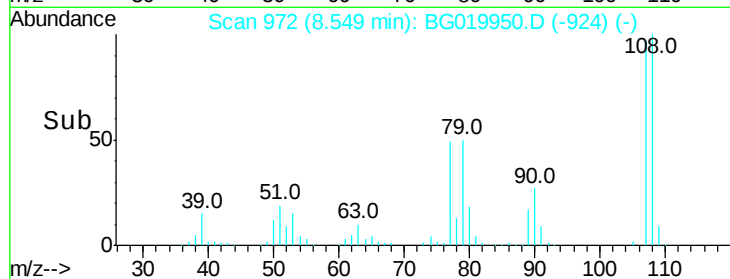
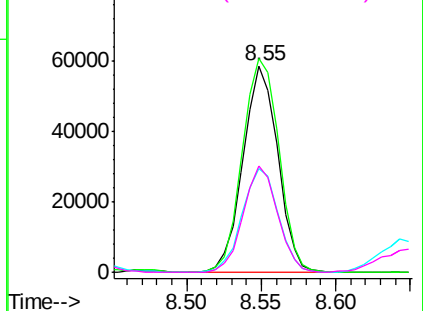
Tot Ion:	107	Resp:	94144
Ion Ratio	Lower	Upper	
107	100		
108	103.6	86.5	129.7
77	50.5	34.6	51.8
79	51.4	32.3	48.5#

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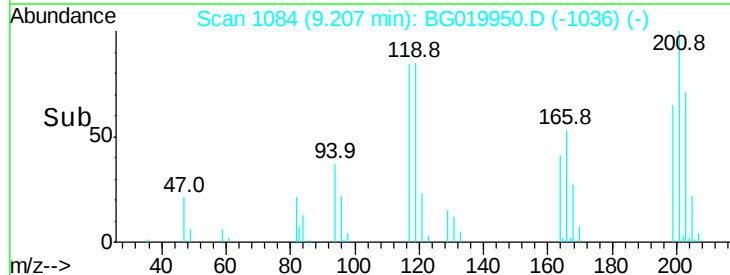
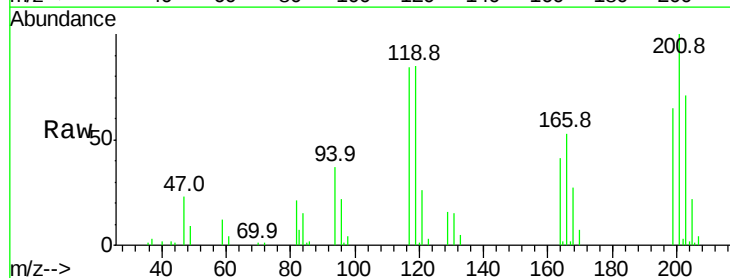
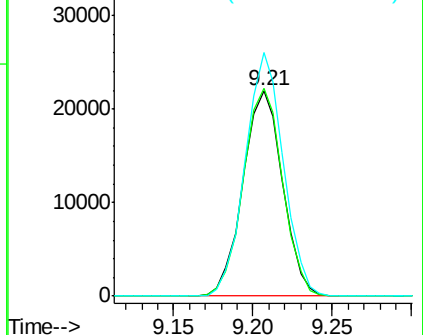
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

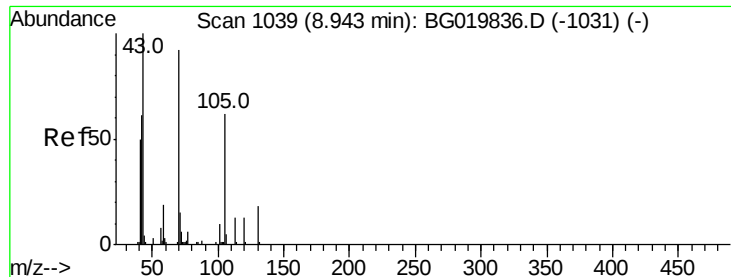


#18
Hexachloroethane
Concen: 37.55 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion:	117	Resp:	38119
Ion Ratio	Lower	Upper	
117	100		
119	100.9	71.7	107.5
201	118.5	90.9	136.3

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





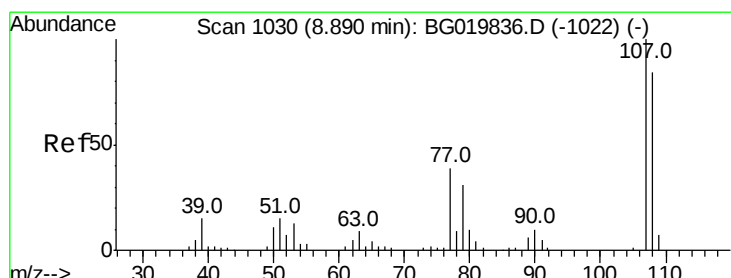
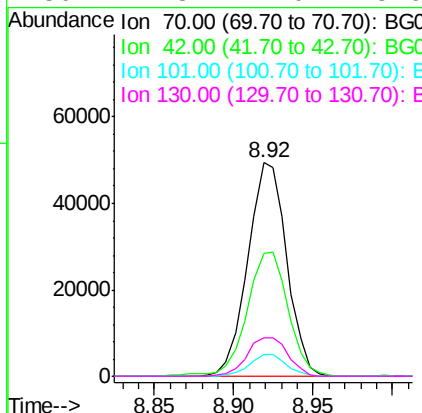
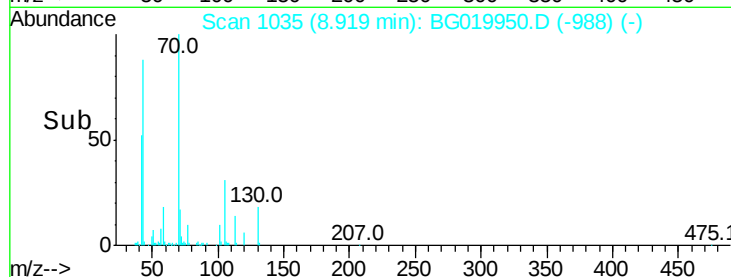
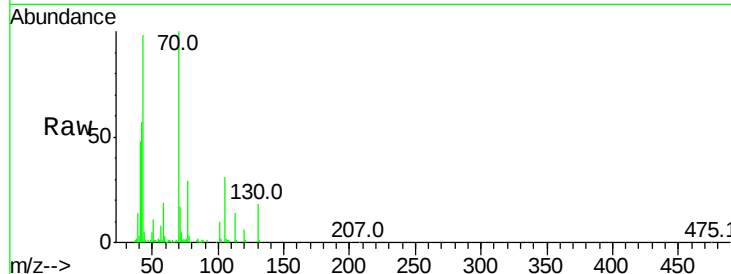
#19
n-Nitroso-di-n-propylamine
Concen: 37.25 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	40.6	60.8	
101	10.3	8.6	13.0	
130	17.8	17.0	25.6	

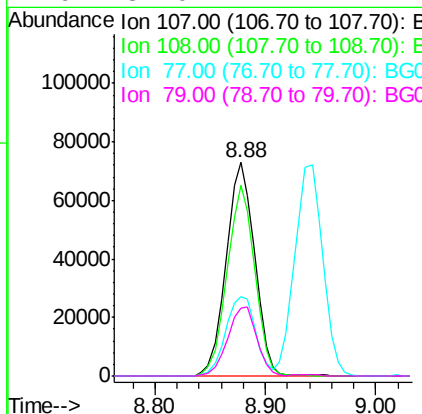
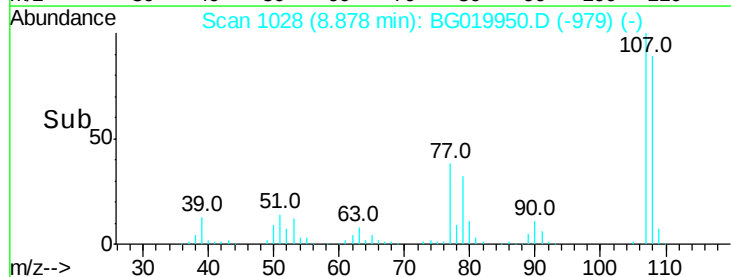
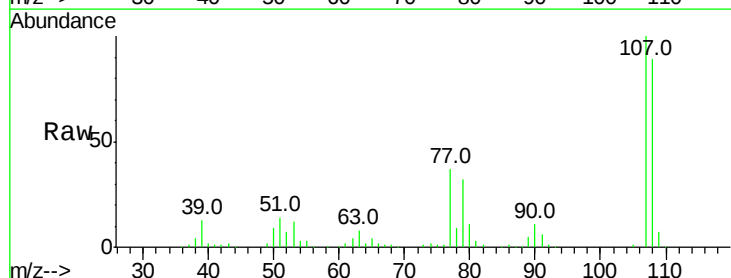
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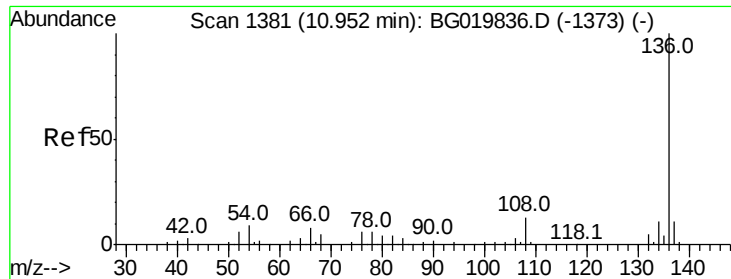
Mmdadoda
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#20
3+4-Methylphenols
Concen: 44.19 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	72.2	112.2	
77	37.4	13.4	53.4	
79	32.0	7.2	47.2	





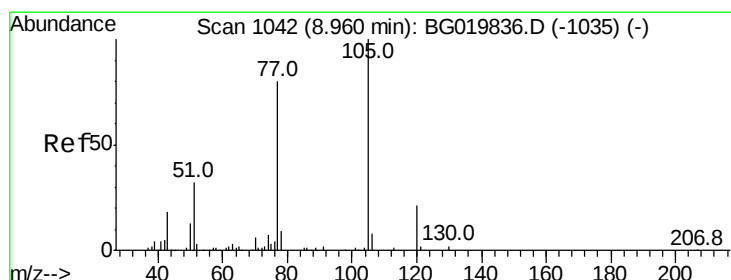
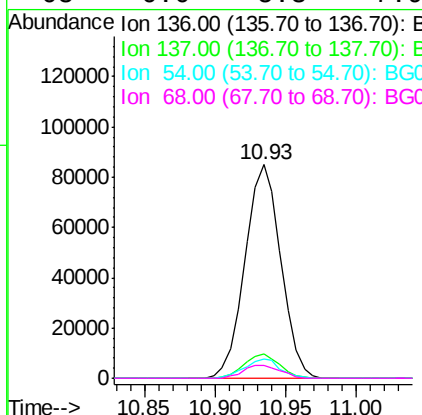
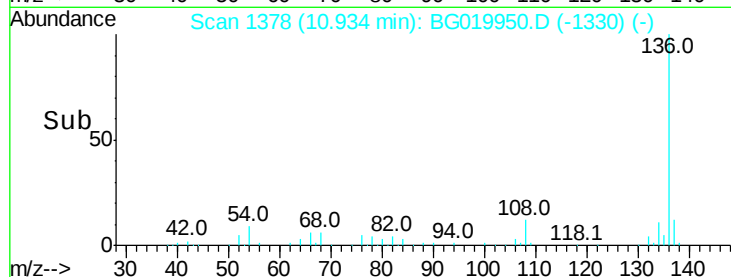
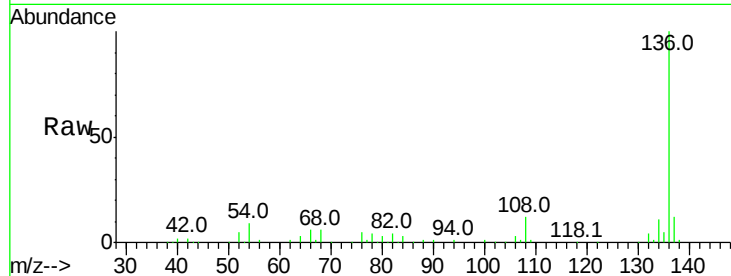
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	8.6	12.8	
54	9.1	5.4	8.2#	
68	6.0	5.3	7.9	

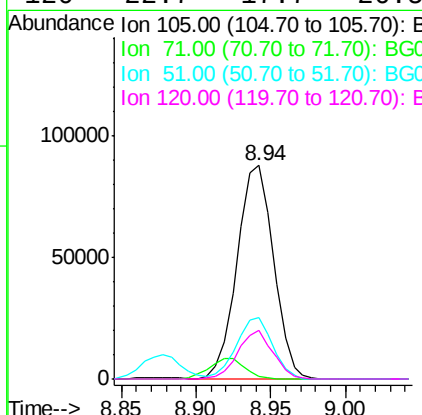
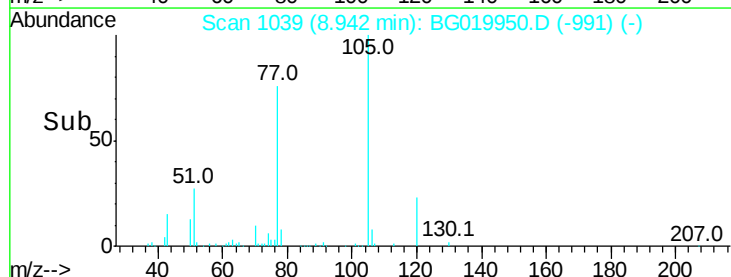
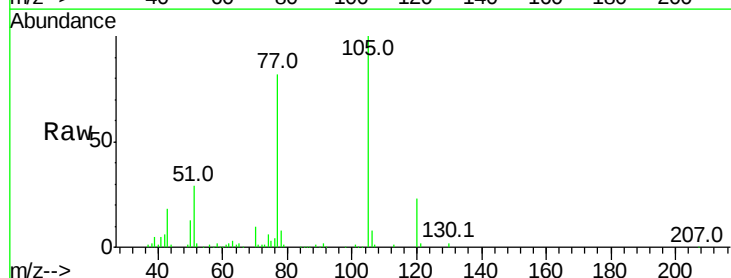
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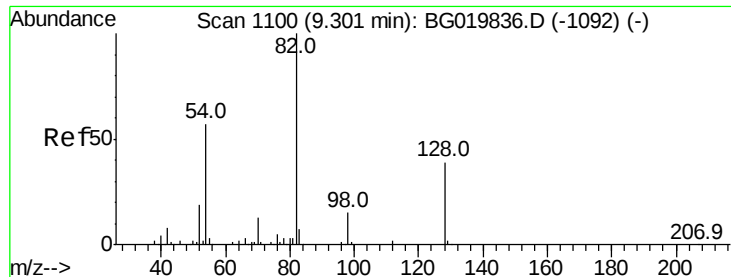
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#22
Acetophenone
Concen: 36.20 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.4	2.1	3.1#	
51	28.7	17.8	26.8#	
120	22.7	17.7	26.5	





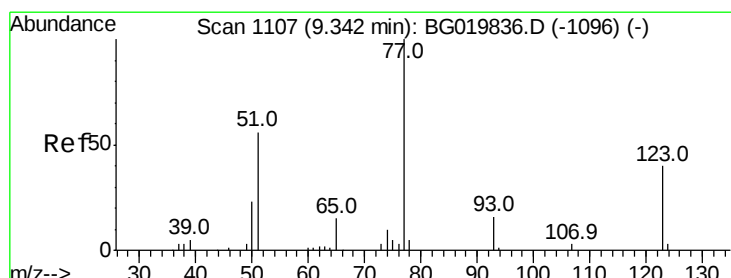
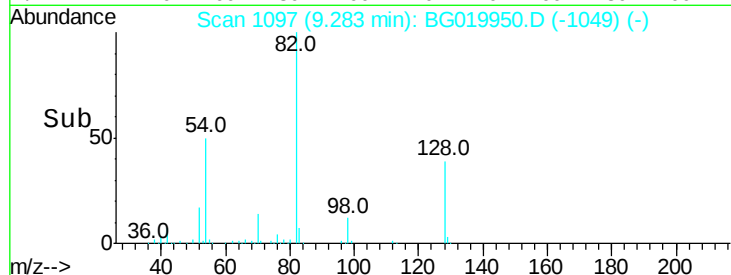
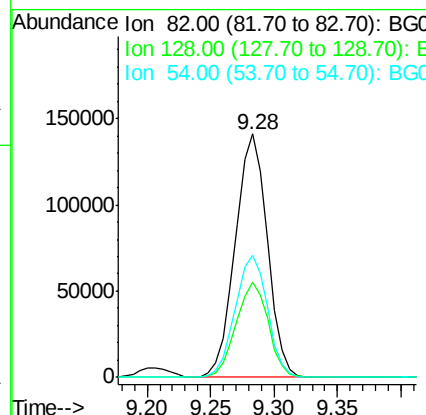
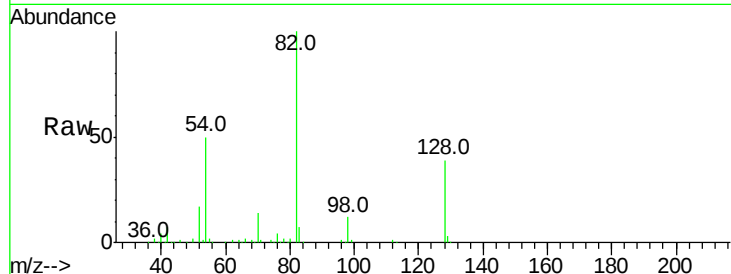
#23
Nitrobenzene-d5
Concen: 83.36 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	246506		
128	39.3	36.7	55.1	
54	50.1	33.8	50.8	

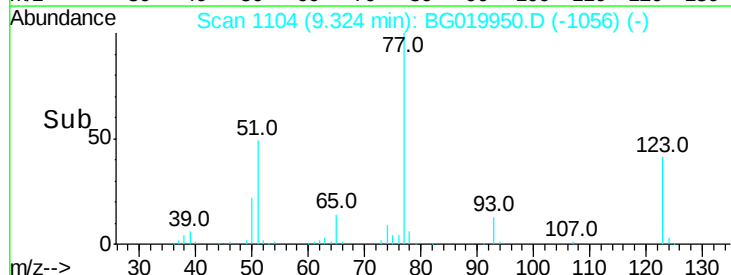
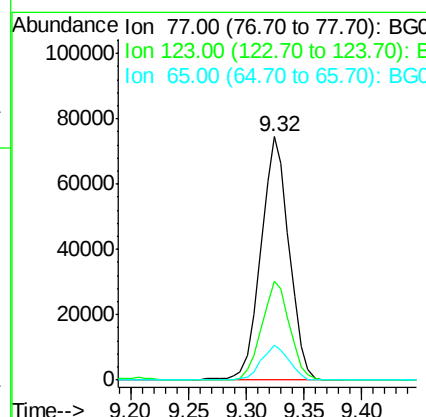
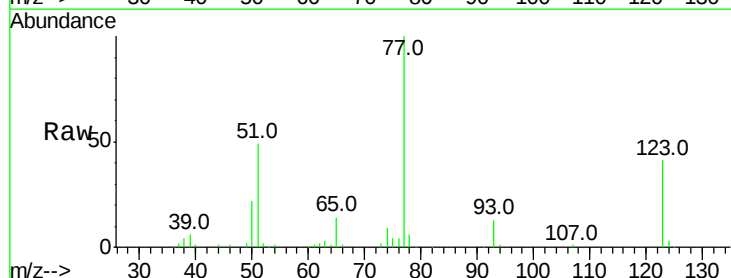
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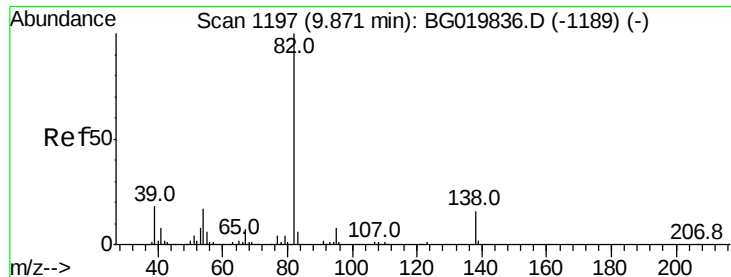
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#24
Nitrobenzene
Concen: 39.59 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	126998		
123	40.8	38.2	57.2	
65	14.4	10.6	16.0	





#25

Isophorone

Concen: 36.47 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

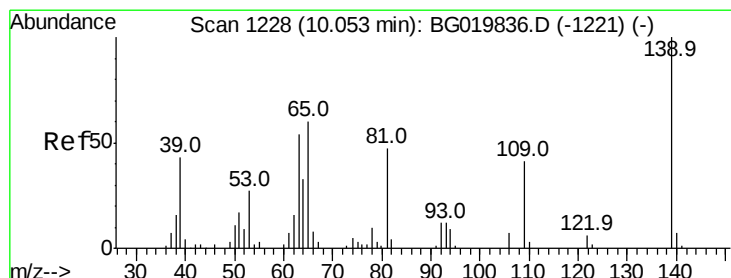
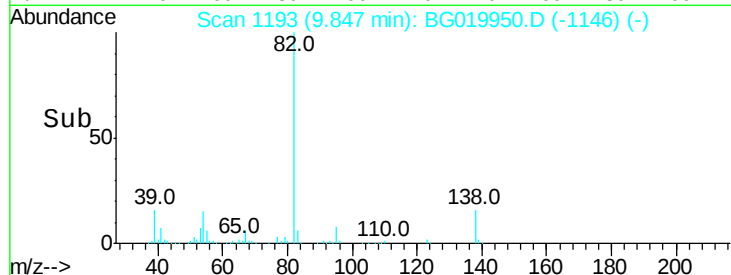
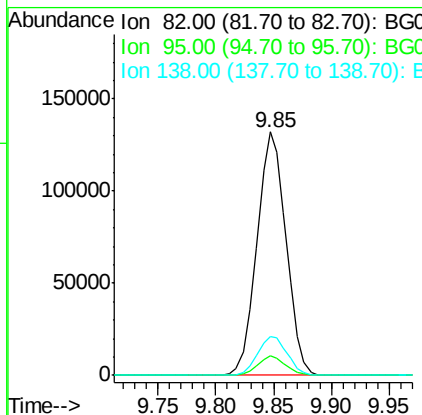
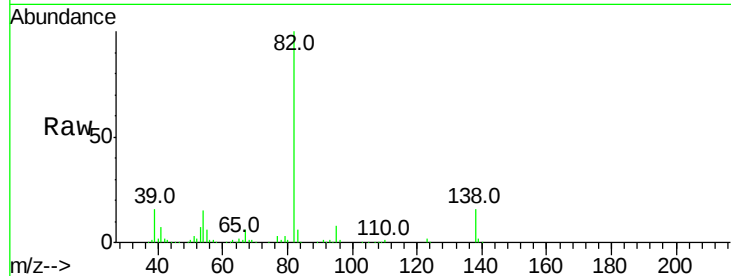
ClientSampleId :

PB87049BS

Tot Ion:	82	Resp:	231230
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.2	7.8#
138	15.9	14.4	21.6

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#26

2-Nitrophenol

Concen: 44.84 ng

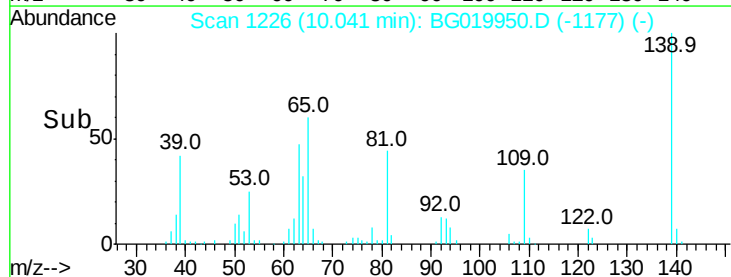
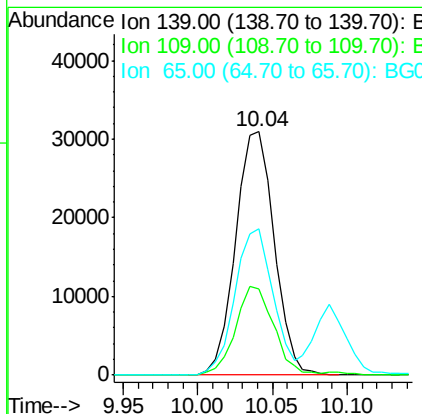
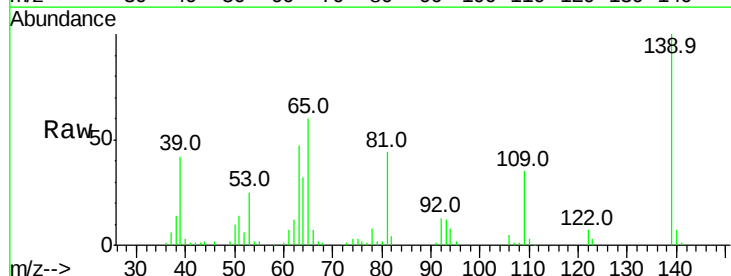
RT: 10.04 min Scan# 1226

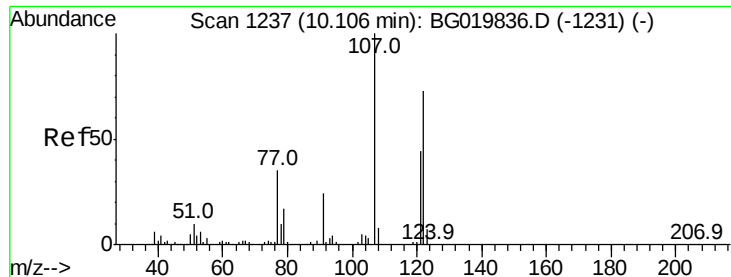
Delta R.T. -0.01 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	139	Resp:	55556
Ion Ratio	Lower	Upper	
139	100		
109	35.5	20.1	30.1#
65	60.0	34.1	51.1#





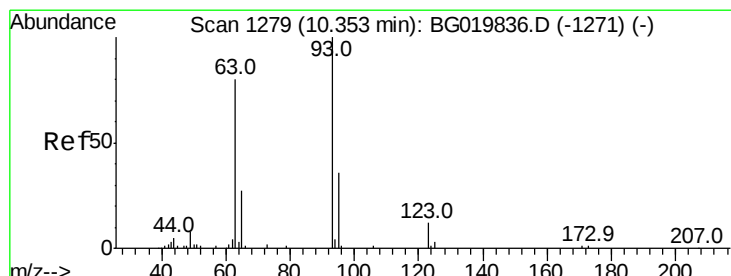
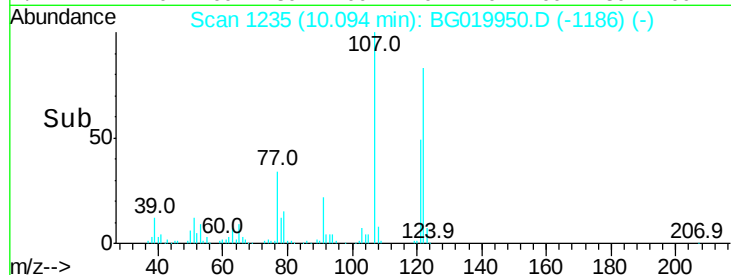
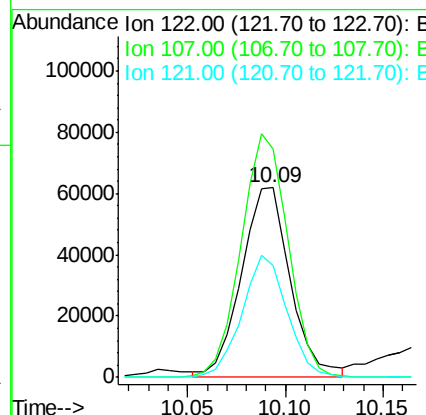
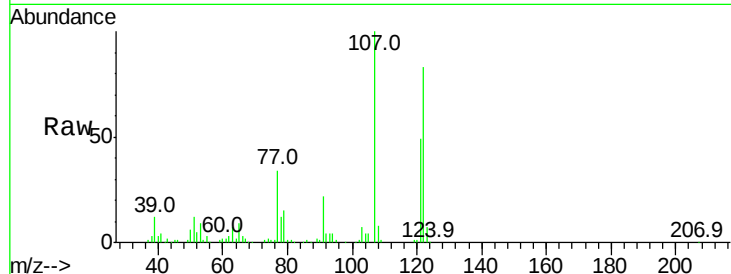
#27
 2,4-Dimethylphenol
 Concen: 41.41 ng
 RT: 10.09 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	106831		
107	120.2	91.6	137.4	
121	58.9	47.3	70.9	

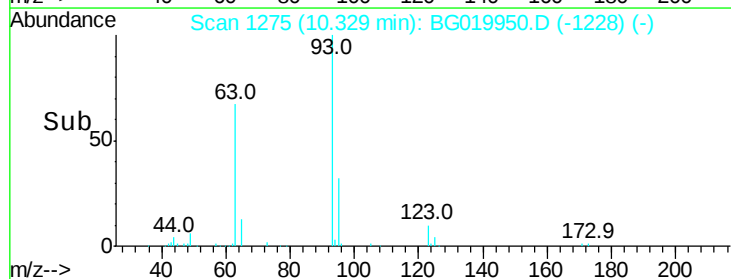
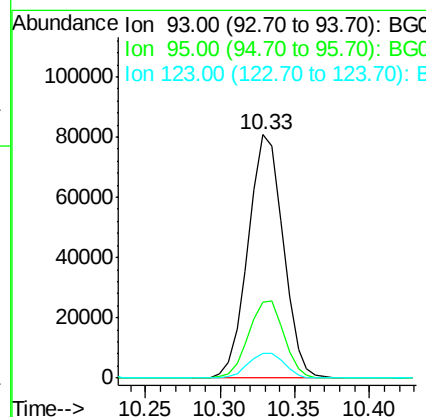
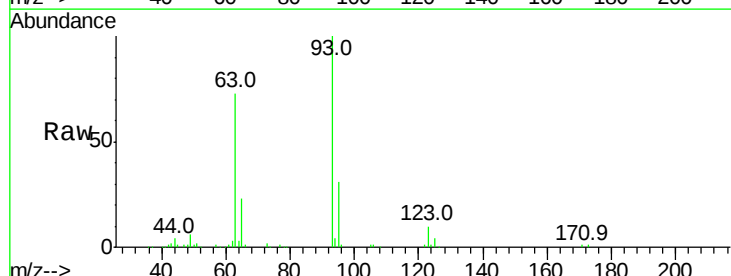
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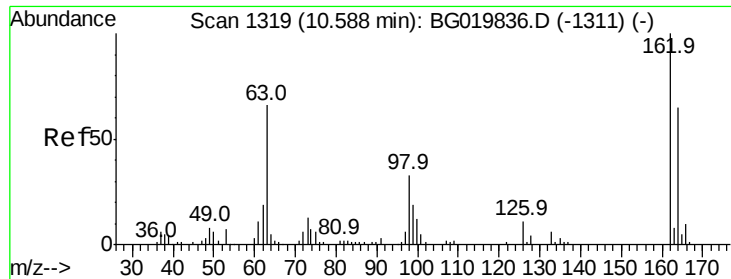
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.33 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	131143		
95	31.2	25.7	38.5	
123	10.3	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 44.16 ng

RT: 10.57 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

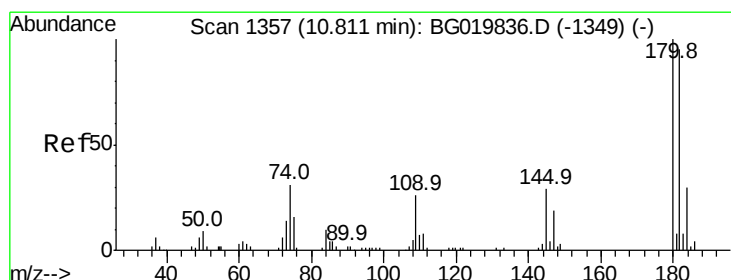
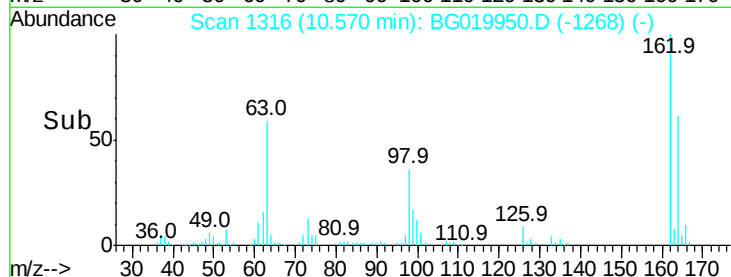
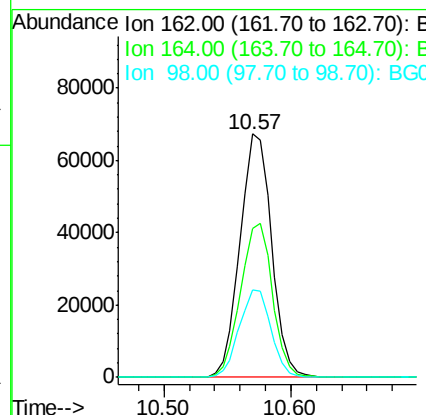
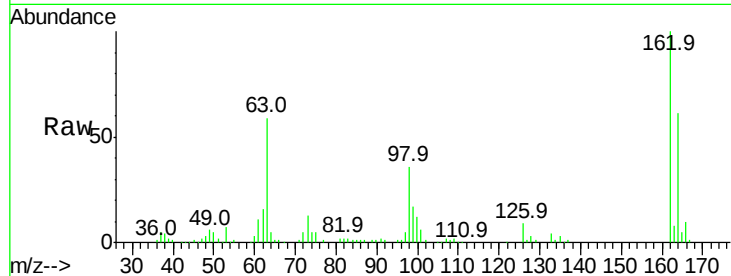
ClientSampleId :

PB87049BS

Tot Ion:	162	Resp:	116405
Ion Ratio	Lower	Upper	
162	100		
164	61.4	42.3	82.3
98	36.0	11.5	51.5

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#30

1,2,4-Trichlorobenzene

Concen: 36.58 ng

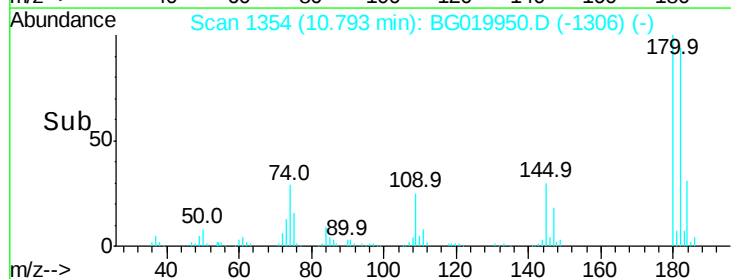
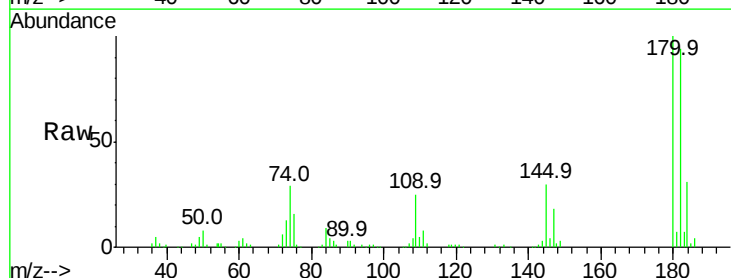
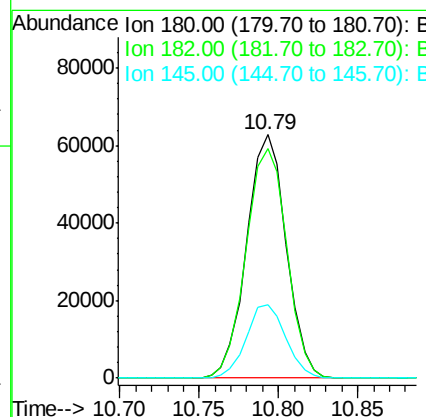
RT: 10.79 min Scan# 1354

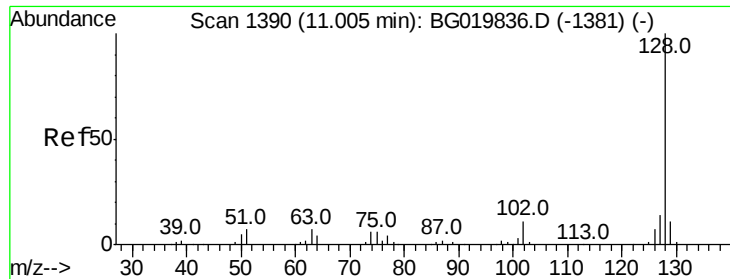
Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	180	Resp:	108955
Ion Ratio	Lower	Upper	
180	100		
182	94.3	79.7	119.5
145	29.9	22.0	33.0





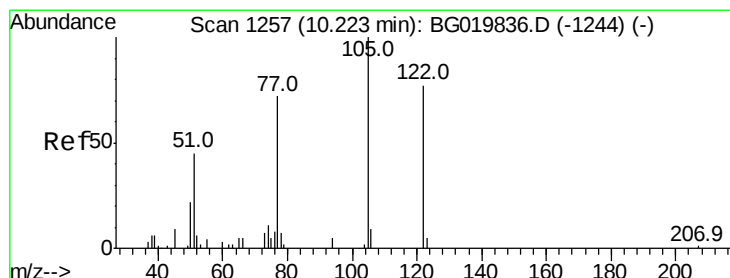
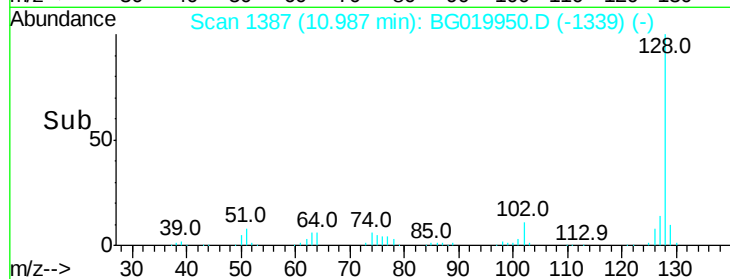
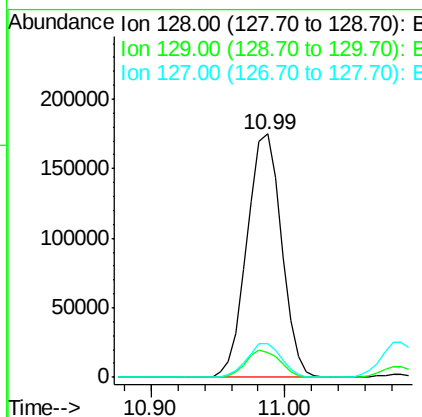
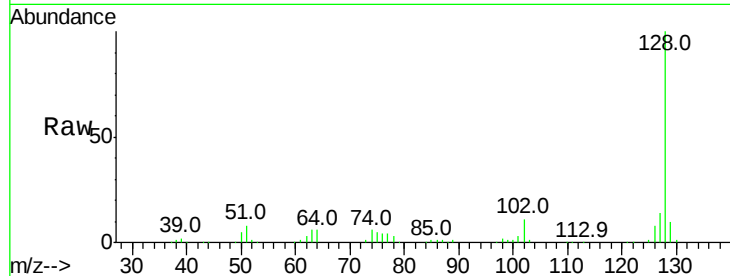
#31
Naphthalene
Concen: 38.75 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.5	12.7
127	14.1	10.6	16.0

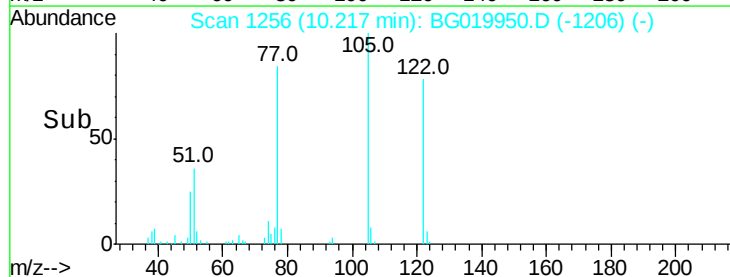
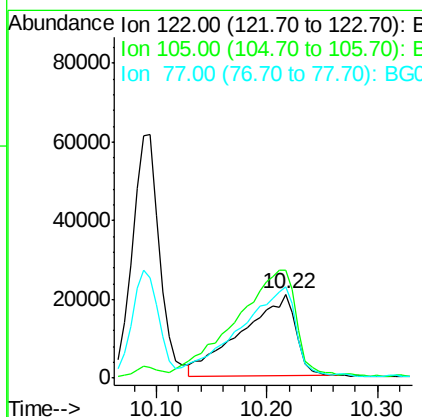
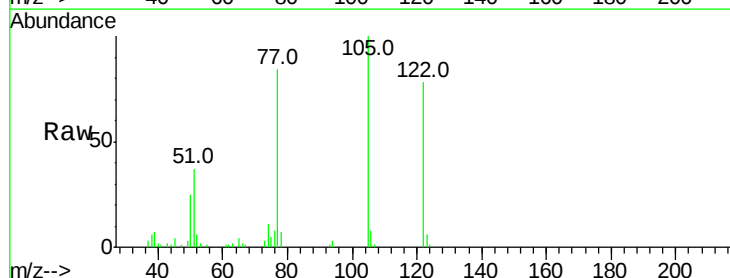
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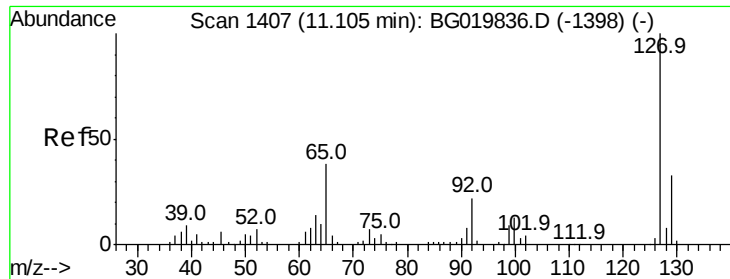
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#32
Benzoic acid
Concen: 42.17 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	103.8	143.8
77	108.1	68.8	108.8





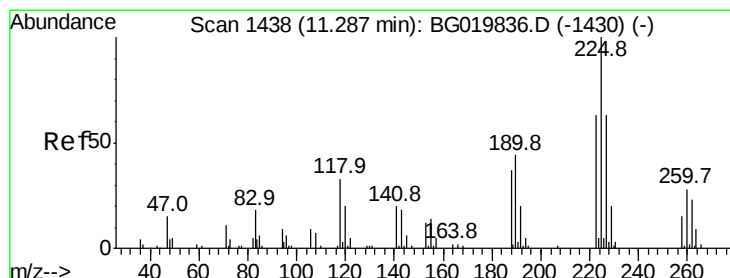
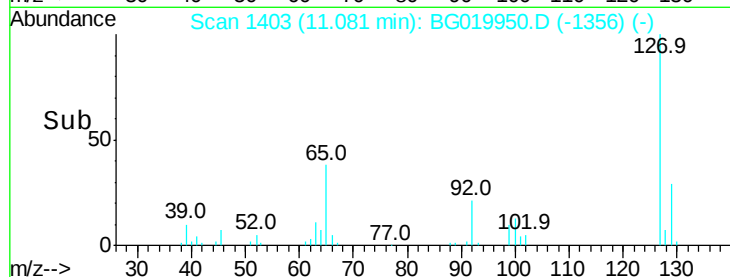
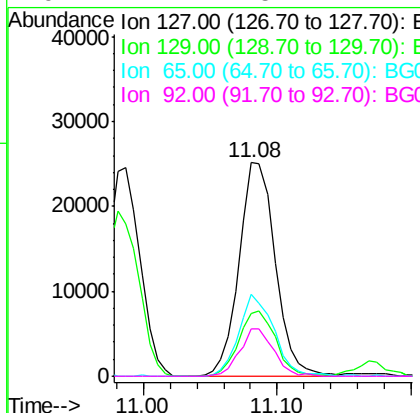
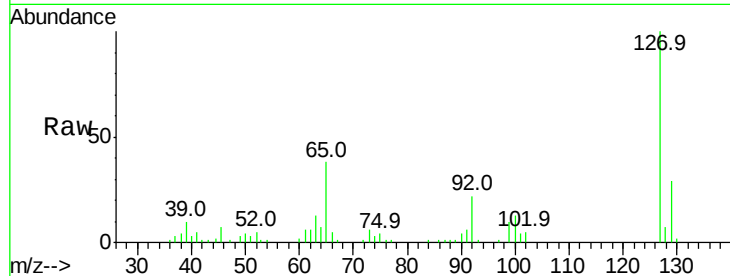
#33
4-Chloroaniline
Concen: 13.29 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.4	24.6	37.0
65	38.2	22.6	33.8
92	22.1	15.1	22.7

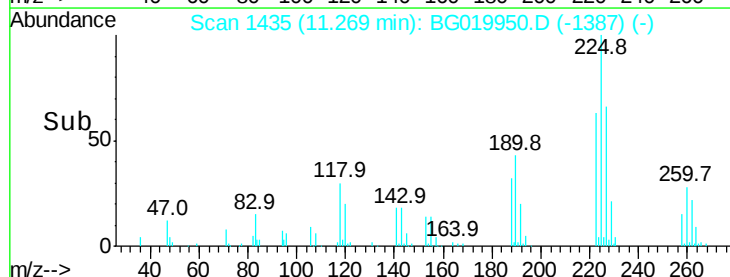
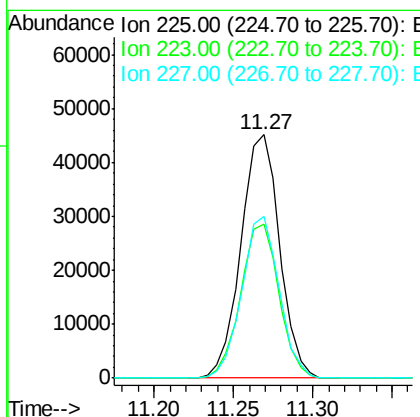
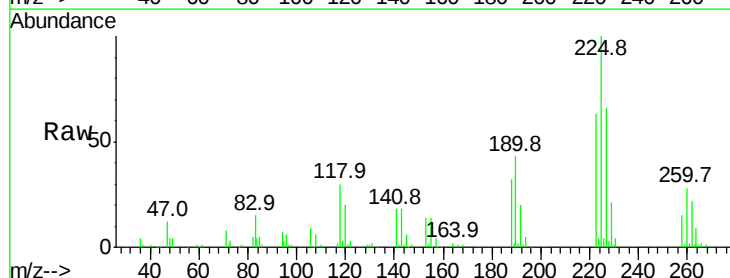
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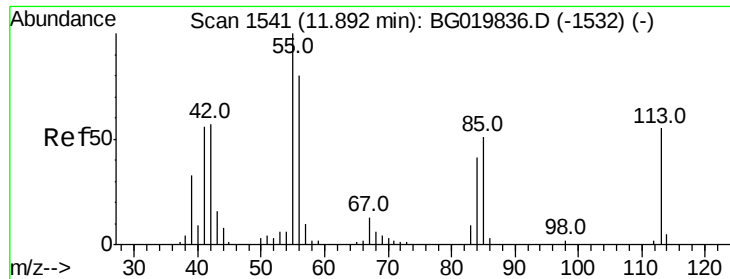
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#34
Hexachlorobutadiene
Concen: 34.84 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.4
227	66.2	51.8	77.8





#35

Caprolactam

Concen: 40.88 ng/ml

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

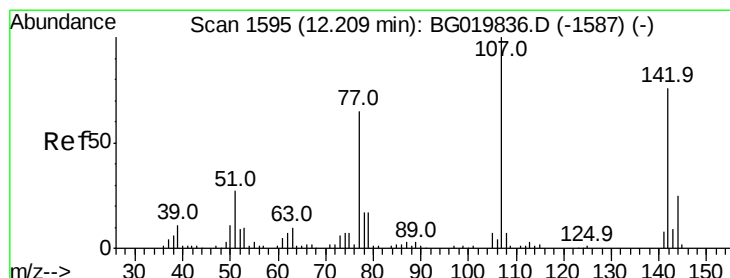
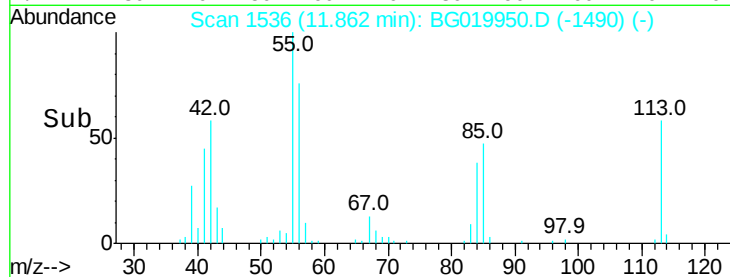
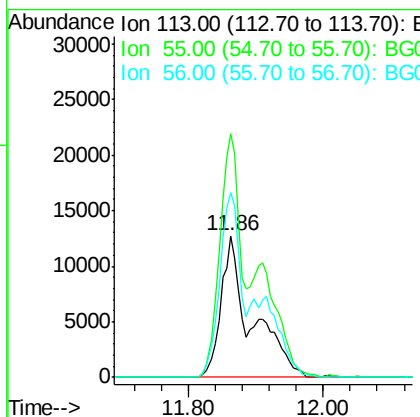
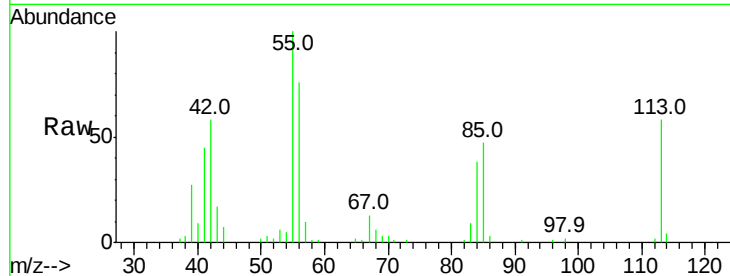
ClientSampleId :

PB87049BS

Tot Ion:	113	Resp:	40105
Ion Ratio	Lower	Upper	
113	100		
55	172.0	135.0	175.0
56	130.1	83.4	123.4#

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#36

4-Chloro-3-methylphenol

Concen: 41.10 ng/ml

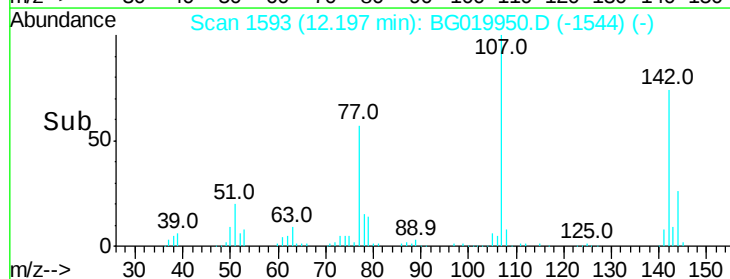
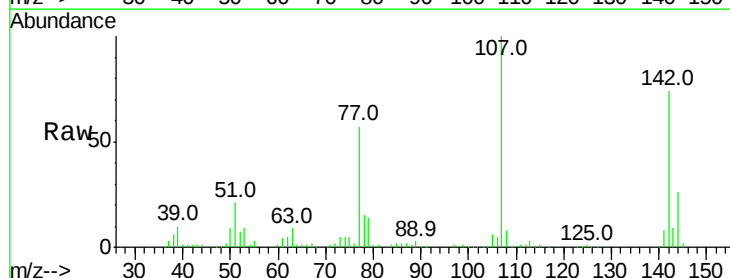
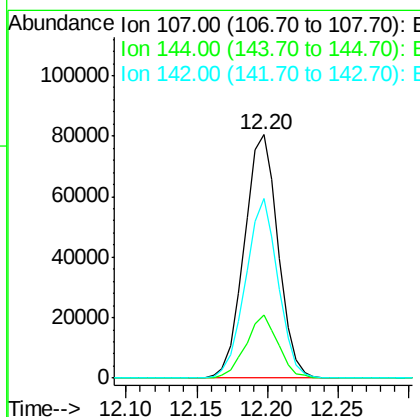
RT: 12.20 min Scan# 1593

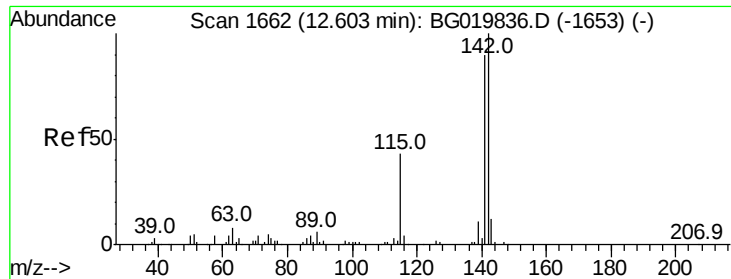
Delta R.T. -0.01 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	107	Resp:	134924
Ion Ratio	Lower	Upper	
107	100		
144	25.9	20.6	31.0
142	73.7	62.6	93.8





#37

2-Methylnaphthalene

Concen: 40.10 ng

RT: 12.58 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

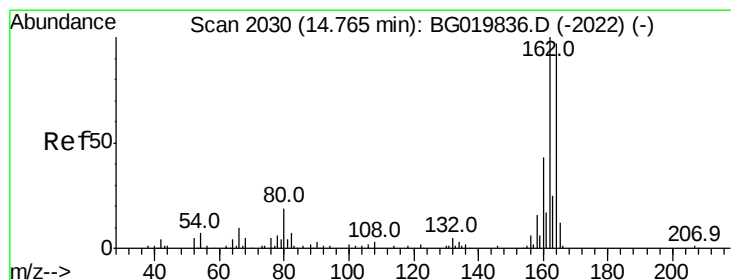
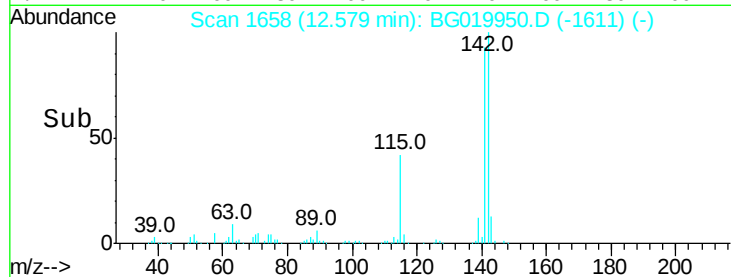
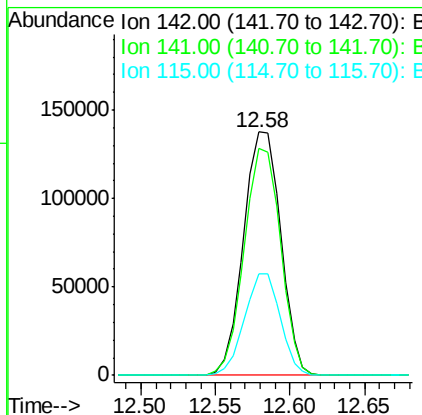
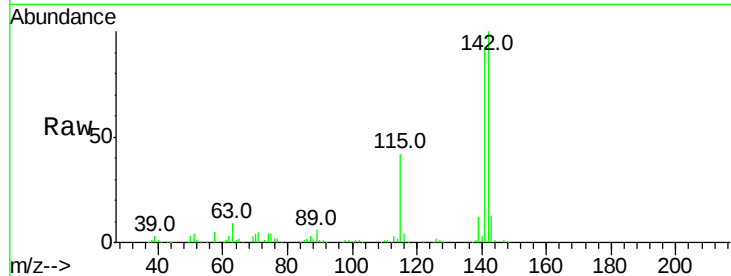
ClientSampleId :

PB87049BS

Tot Ion:	142	Resp:	237607
Ion Ratio	Lower	Upper	
142	100		
141	93.3	74.6	112.0
115	41.8	27.4	41.0#

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#38

Acenaphthene-d10

Concen: 20.00 ng

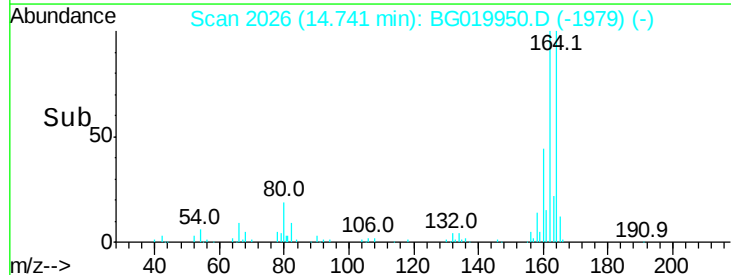
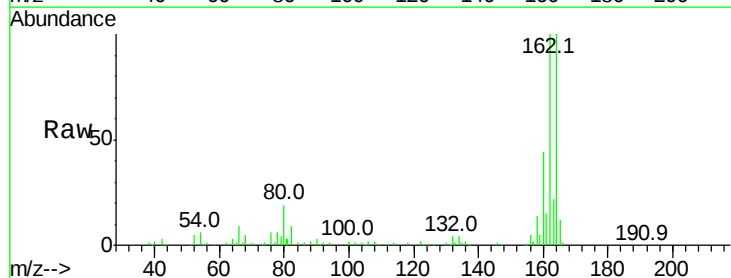
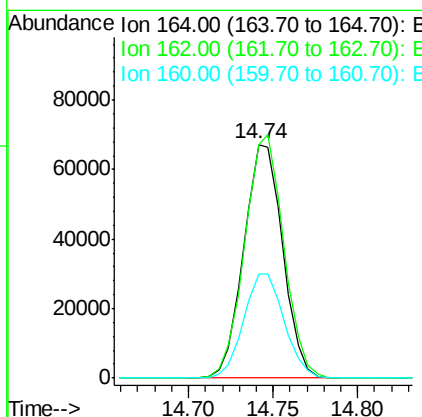
RT: 14.74 min Scan# 2026

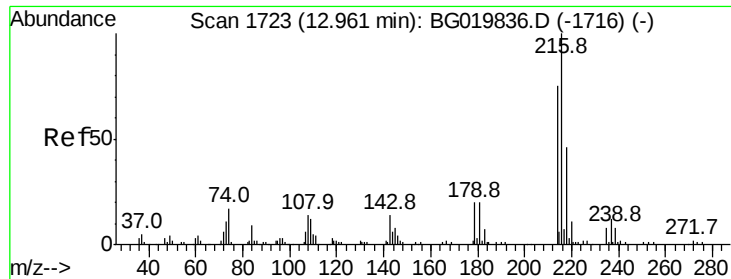
Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	164	Resp:	107654
Ion Ratio	Lower	Upper	
164	100		
162	99.8	78.8	118.2
160	44.4	36.4	54.6





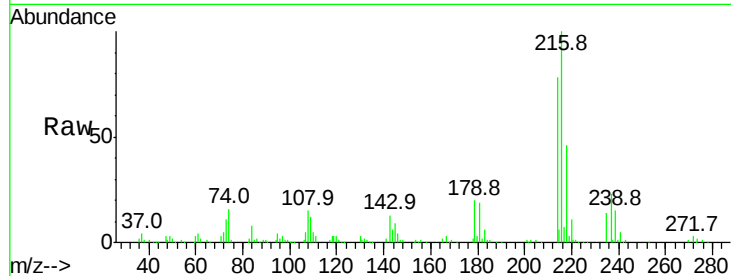
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.83 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

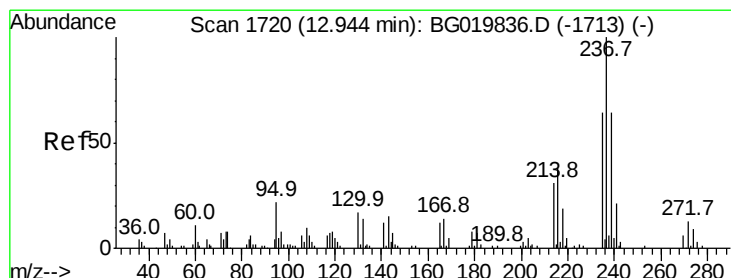
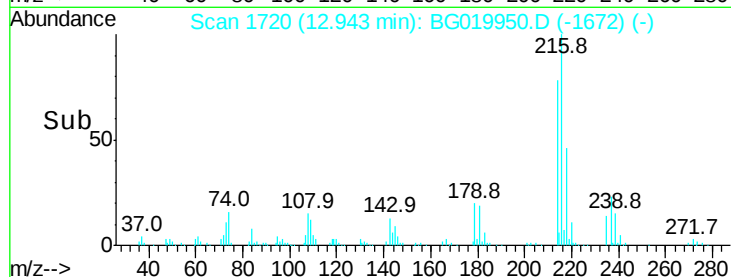
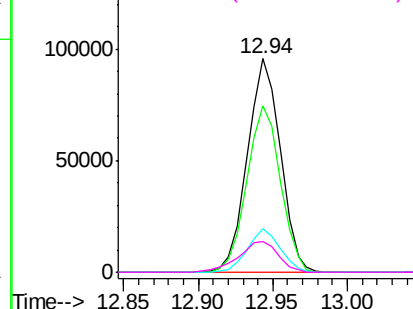
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	62.5	93.7
179	19.9	15.6	23.4
108	17.5	13.3	19.9

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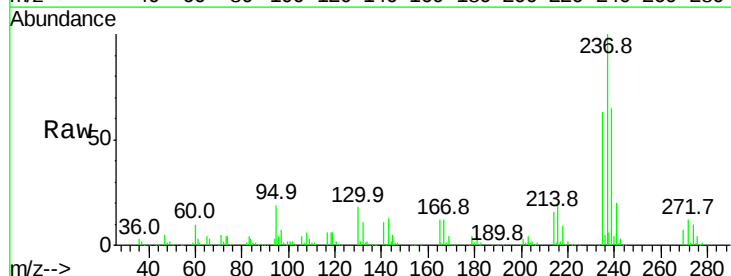


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

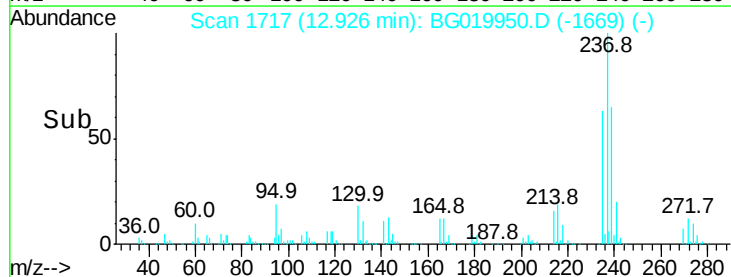
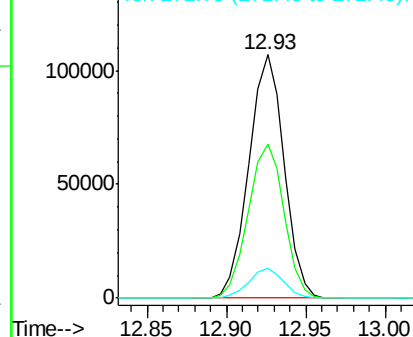


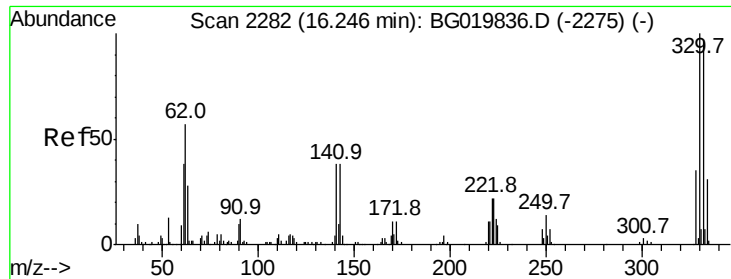
#40
 Hexachlorocyclopentadiene
 Concen: 70.97 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	44.6	84.6
272	12.3	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: 115.36 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

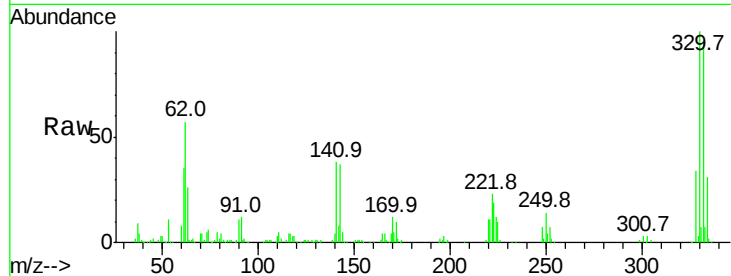
ClientSampleId :

PB87049BS

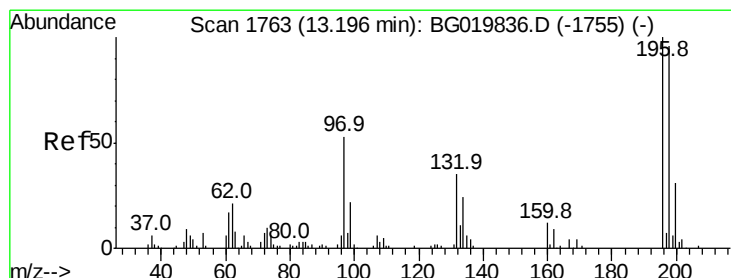
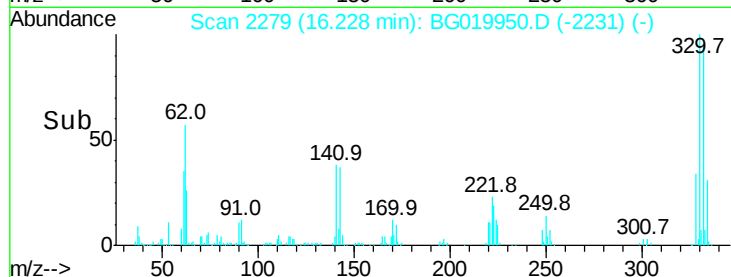
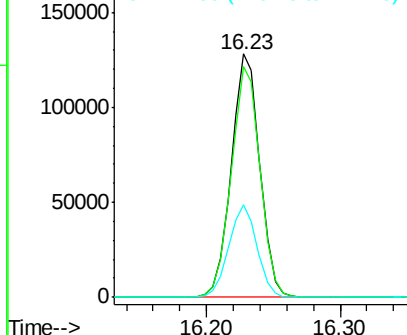
Tot Ion:	330	Resp:	190019
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.1	117.1
141	37.9	28.2	42.2

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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: 38.66 ng

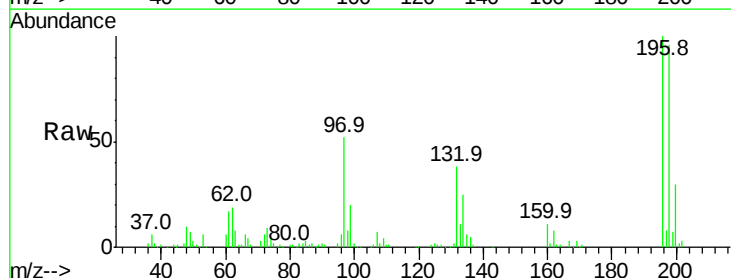
RT: 13.18 min Scan# 1760

Delta R.T. -0.02 min

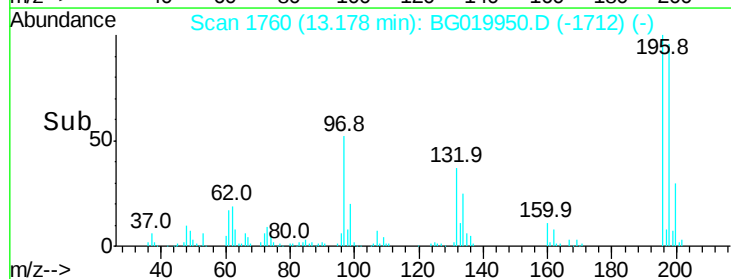
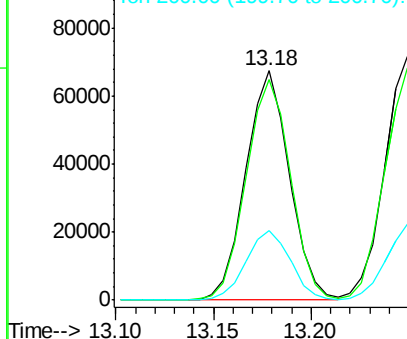
Lab File: BG019950.D

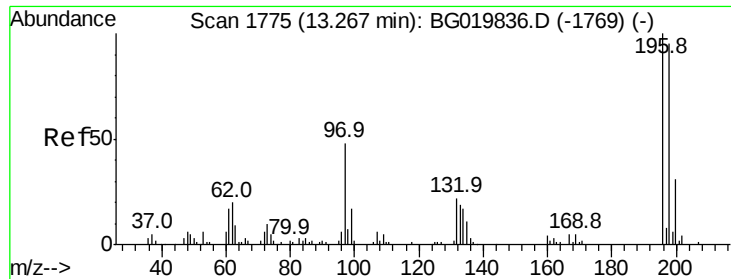
Acq: 5 Dec 2015 20:13

Tgt Ion:	196	Resp:	104577
Ion Ratio	Lower	Upper	
196	100		
198	96.3	74.7	112.1
200	30.1	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





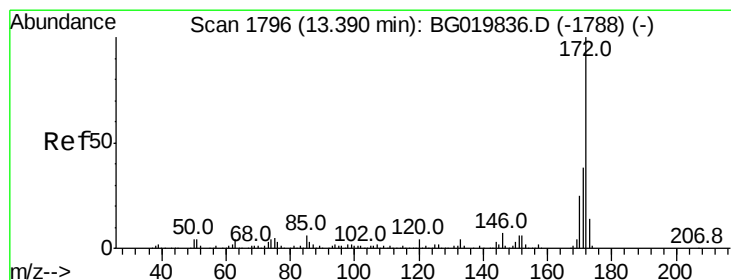
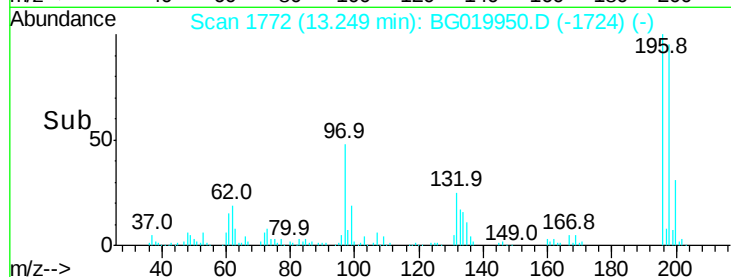
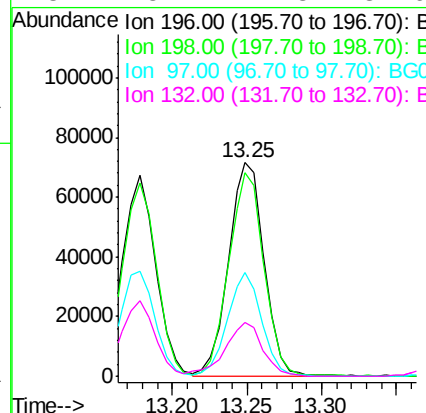
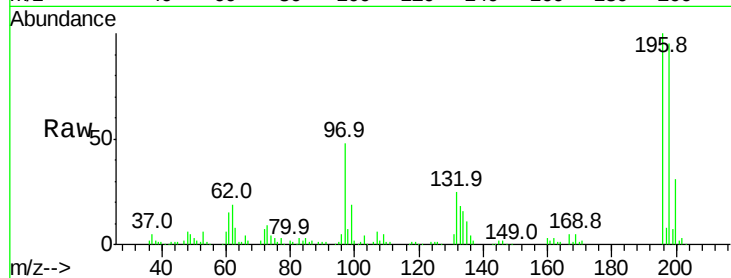
#43
 2,4,5-Trichlorophenol
 Concen: 41.43 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion	196	Resp	118433
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.2	112.8
97	48.3	34.2	51.2
132	25.1	21.8	32.6

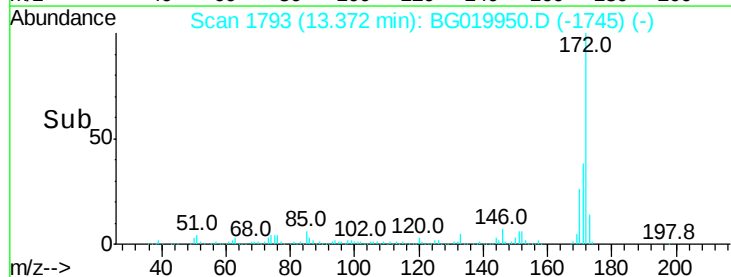
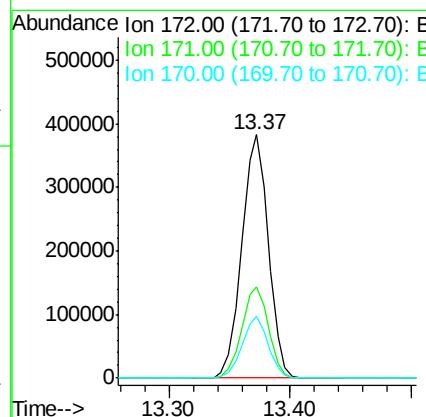
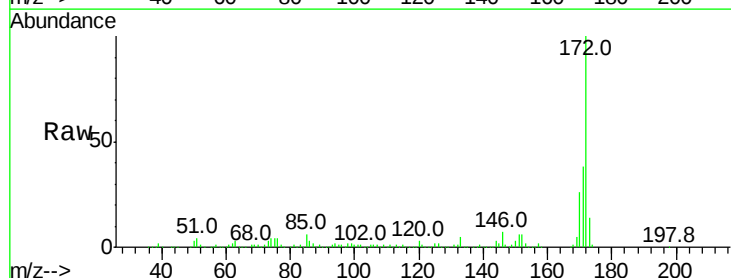
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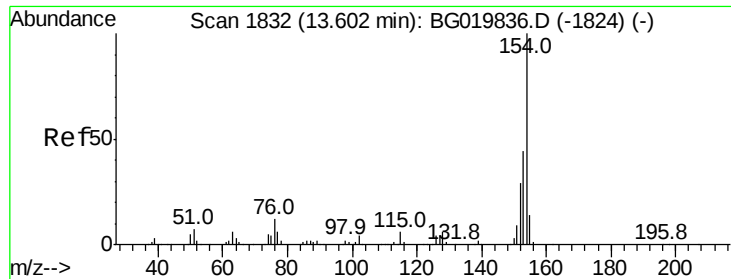
Mmdadoda
 12/7/2015 6:31:45 PM



#44
 2-Fluorobiphenyl
 Concen: 74.23 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	172	Resp	585254
Ion Ratio	Lower	Upper	
172	100		
171	37.5	29.0	43.6
170	25.6	19.9	29.9





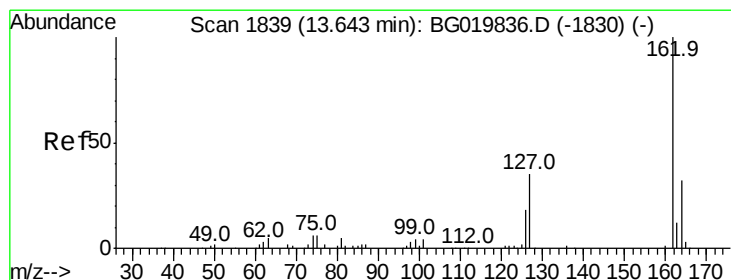
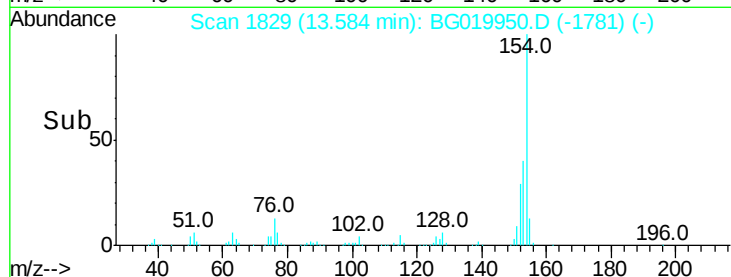
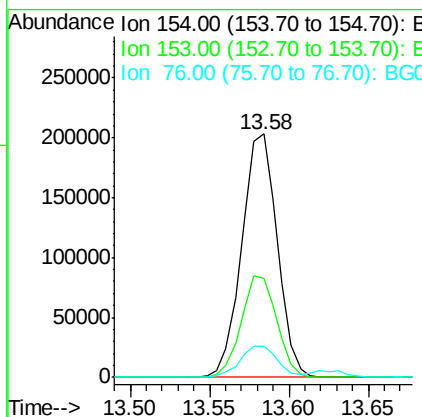
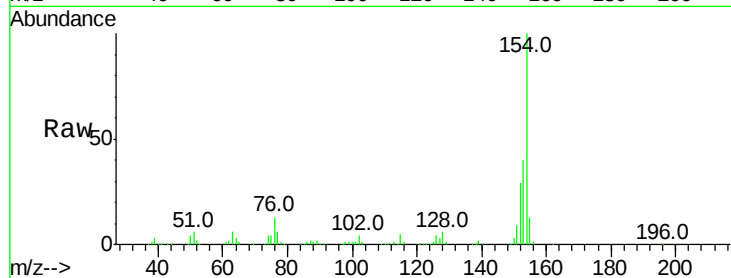
#45
 1,1'-Biphenyl
 Concen: 35.69 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampled :
 PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.9	61.9	
76	12.6	0.0	33.2	

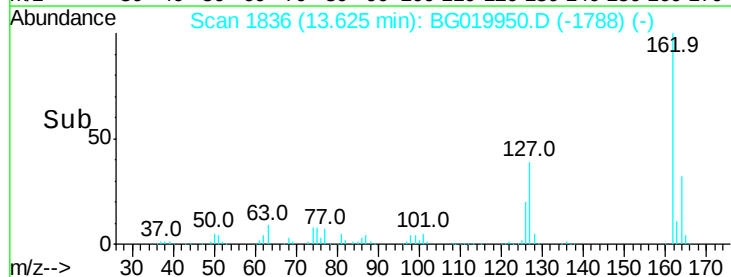
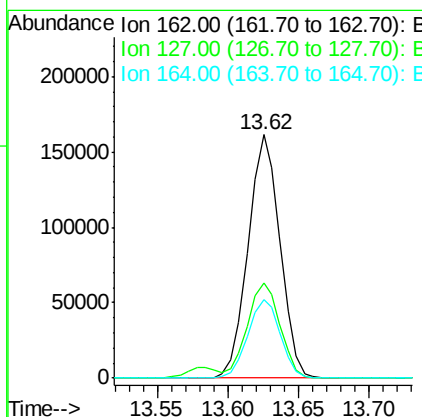
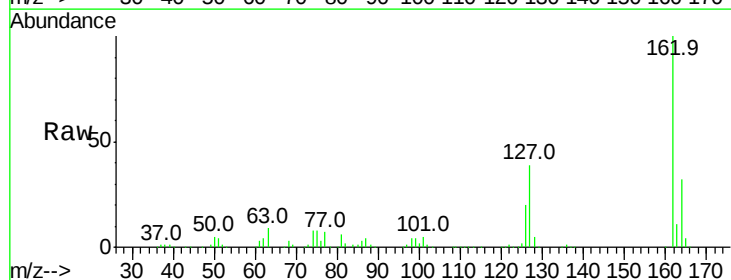
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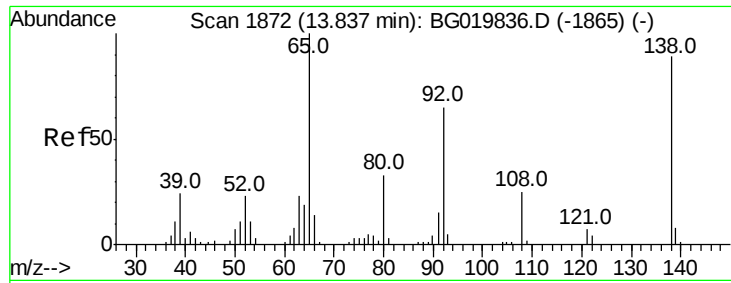
Mmdadoda
 12/7/2015 6:31:45 PM



#46
 2-Chloronaphthalene
 Concen: 37.55 ng
 RT: 13.62 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.2	28.3	42.5	
164	32.3	27.4	41.0	





#47

2-Nitroaniline

Concen: 45.04 ng

RT: 13.82 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

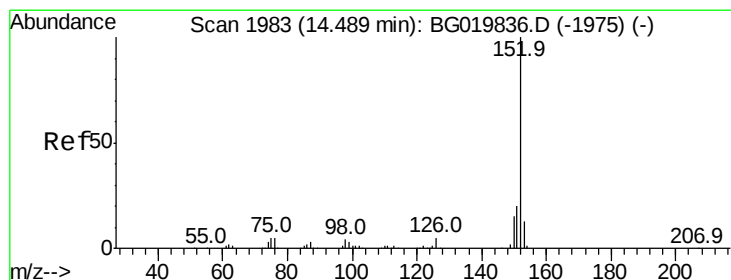
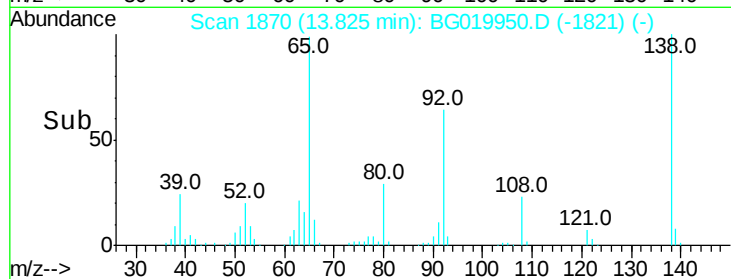
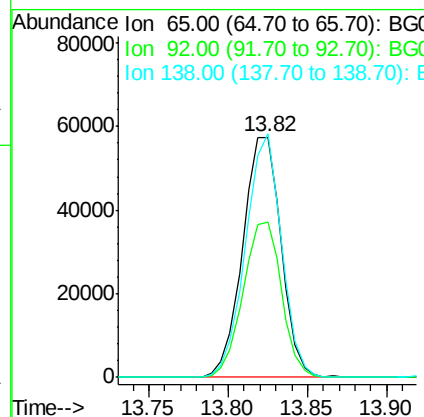
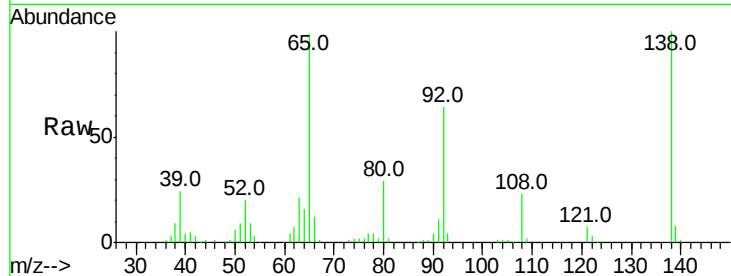
ClientSampleId :

PB87049BS

Tot Ion:	65	Resp:	96865
Ion Ratio	Lower	Upper	
65	100		
92	64.7	54.8	82.2
138	101.3	89.6	134.4

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#48

Acenaphthylene

Concen: 36.94 ng

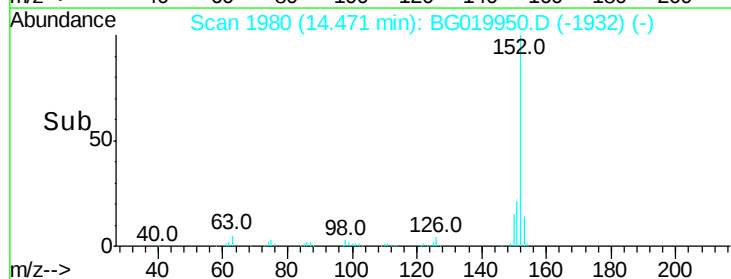
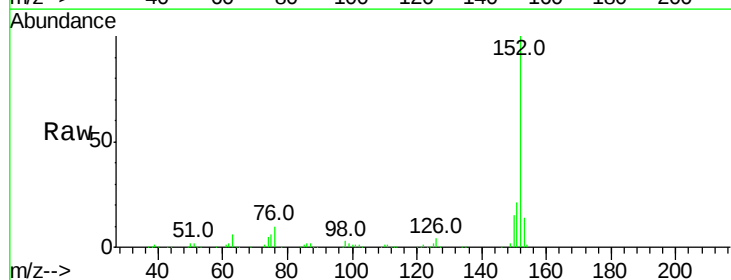
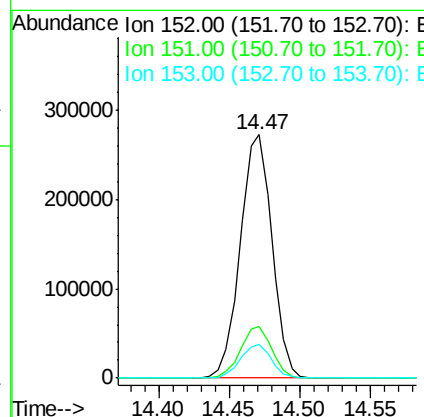
RT: 14.47 min Scan# 1980

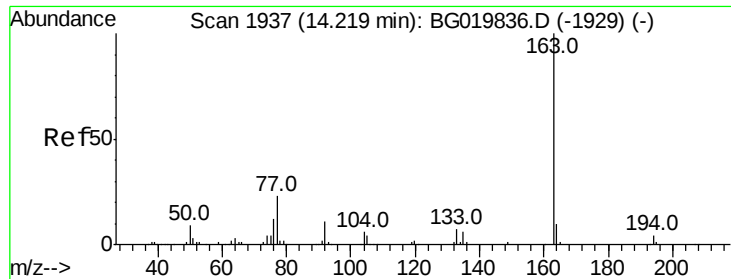
Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	152	Resp:	428504
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.0	25.4
153	13.7	10.4	15.6





#49

Dimethylphthalate

Concen: 36.92 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

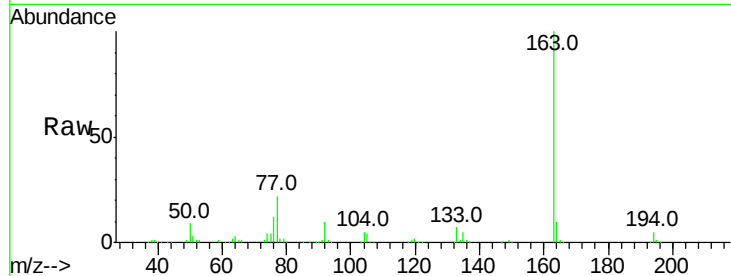
ClientSampleId :

PB87049BS

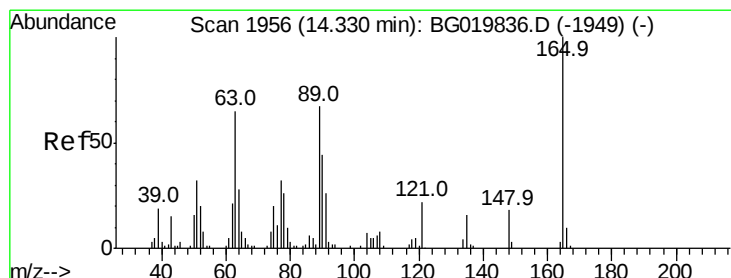
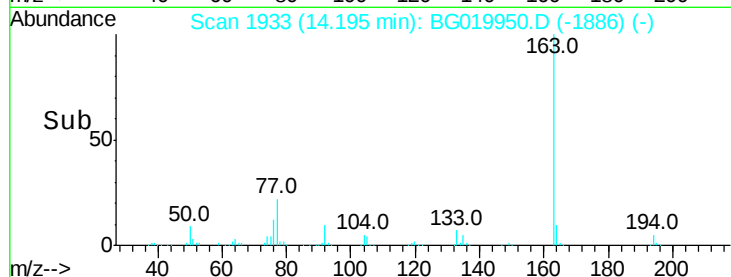
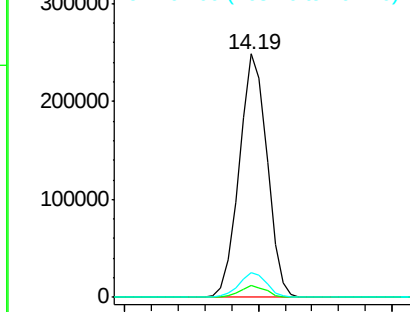
Tot Ion:	163	Resp:	357519
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.1	4.7#
164	10.4	8.8	13.2

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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: 42.47 ng

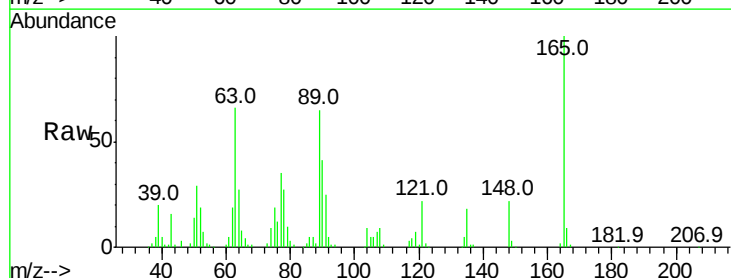
RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

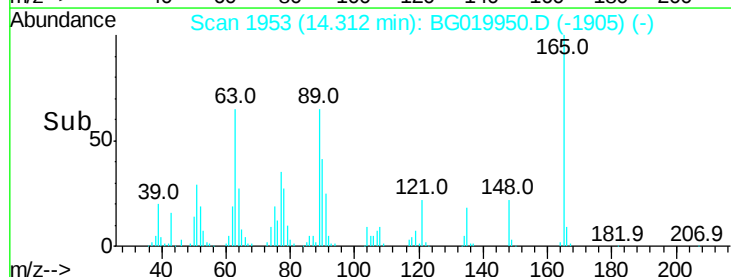
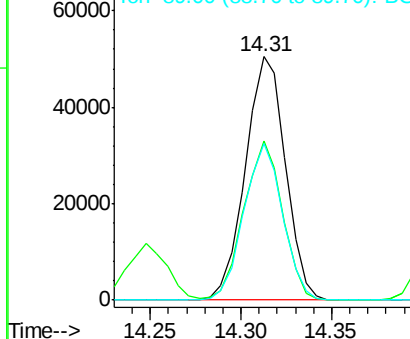
Lab File: BG019950.D

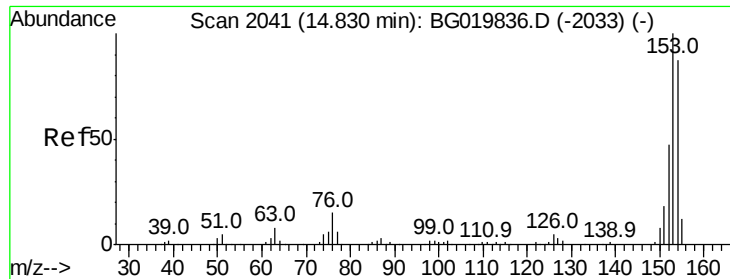
Acq: 5 Dec 2015 20:13

Tgt Ion:	165	Resp:	77329
Ion Ratio	Lower	Upper	
165	100		
63	65.5	35.7	53.5#
89	64.5	39.7	59.5#



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





#51

Acenaphthene

Concen: 42.93 ng/mL

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

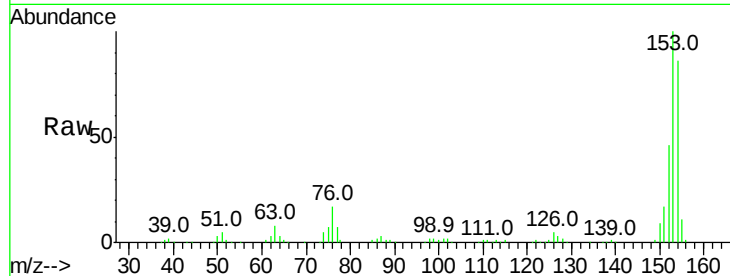
ClientSampleID :

PB87049BS

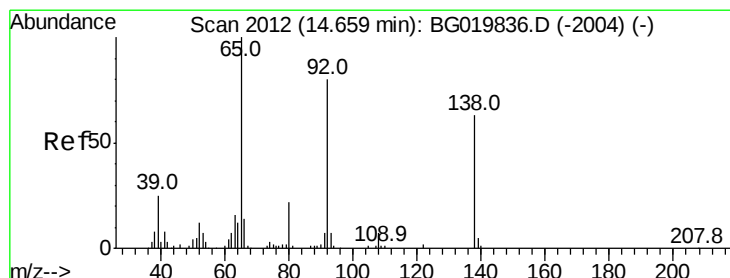
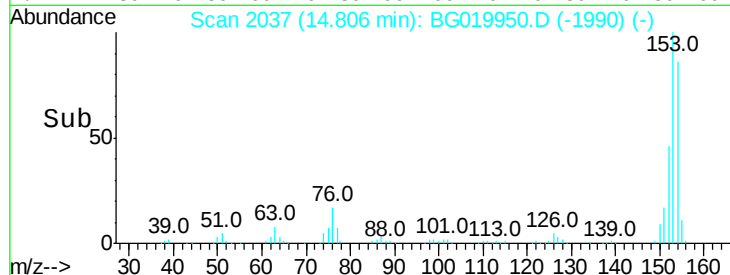
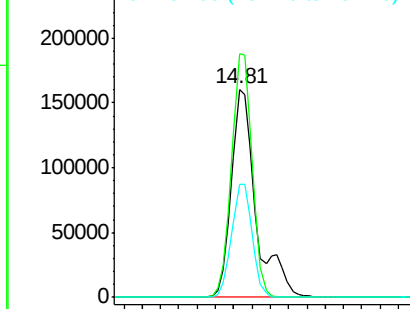
Tot Ion:	154	Resp:	302136
Ion Ratio	Lower	Upper	
154	100		
153	116.9	92.9	139.3
152	54.3	45.8	68.8

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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: 25.87 ng/mL

RT: 14.64 min Scan# 2009

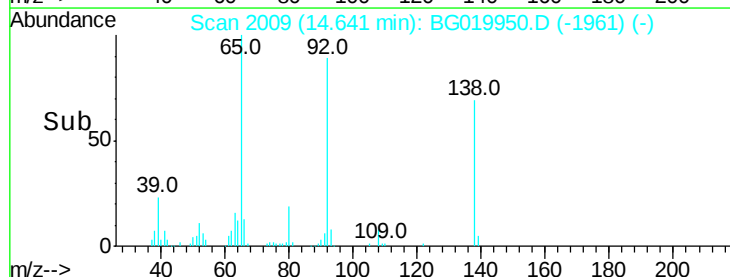
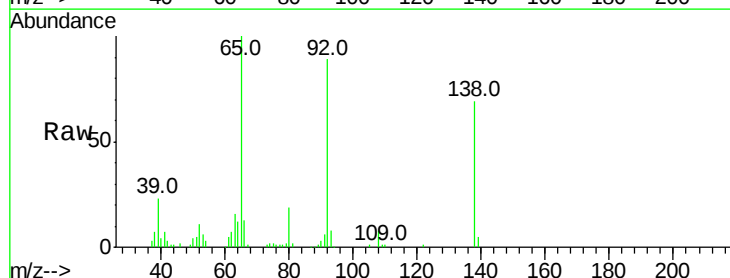
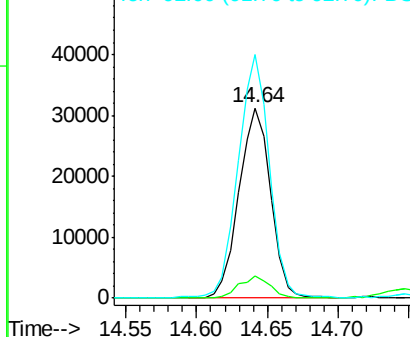
Delta R.T. -0.02 min

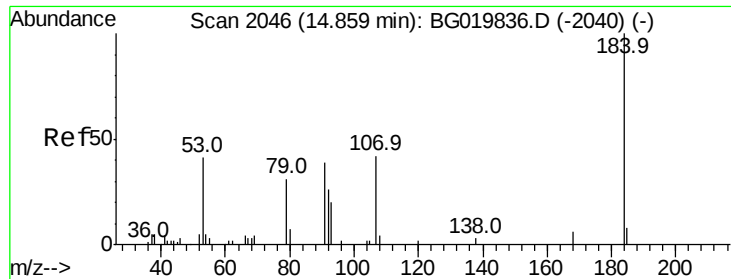
Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	138	Resp:	48932
Ion Ratio	Lower	Upper	
138	100		
108	11.4	7.9	11.9
92	128.1	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





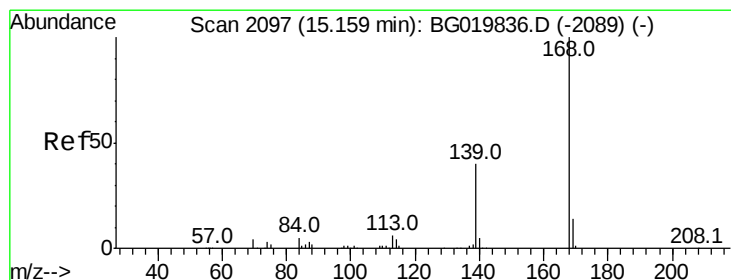
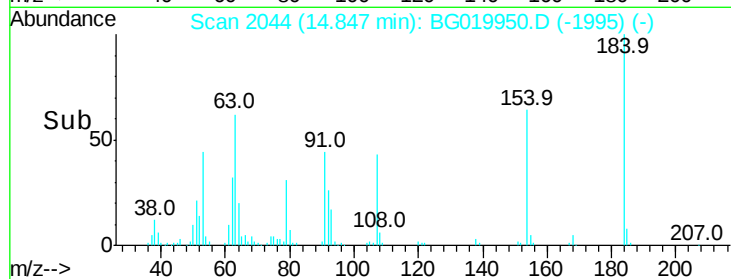
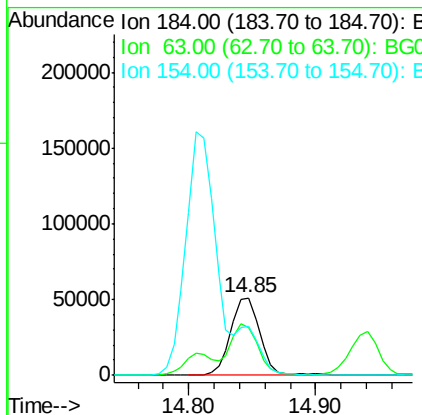
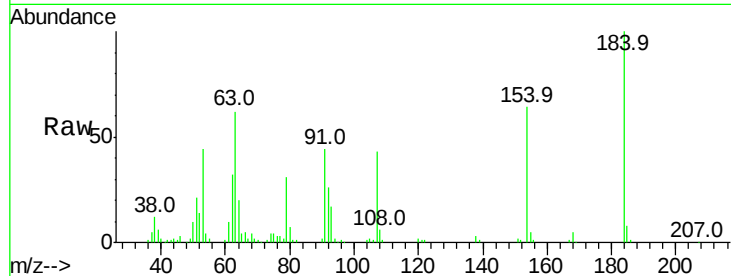
#53
2,4-Dinitrophenol
Concen: 84.21 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	82122		
63	61.6	42.7	64.1	
154	63.6	44.3	66.5	

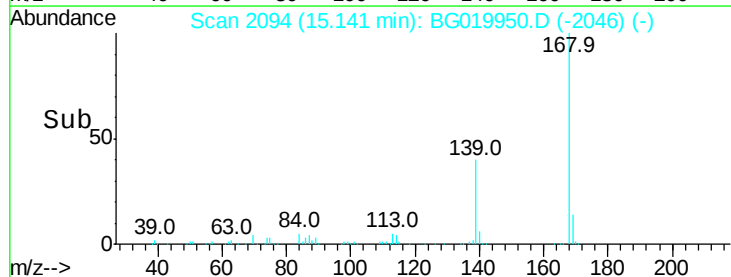
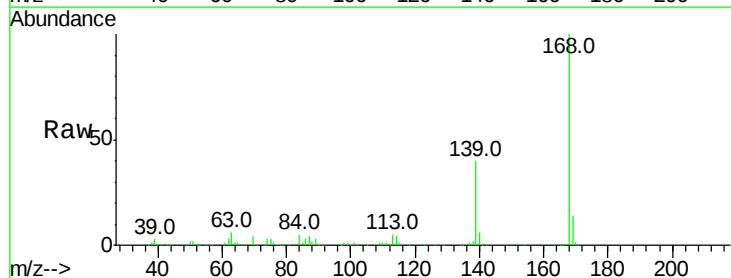
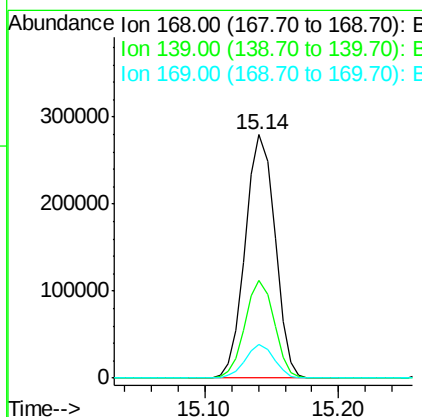
Manual Integrations
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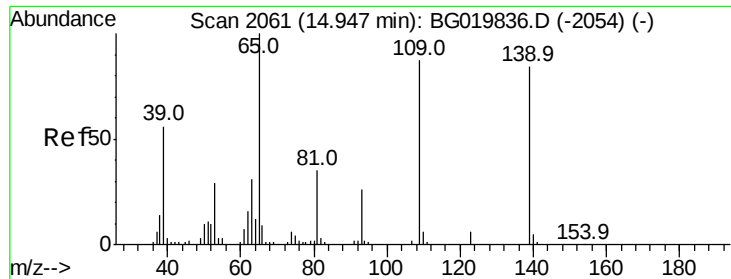
Mmdadoda
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#54
Dibenzofuran
Concen: 41.06 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	429953		
139	40.0	27.4	41.0	
169	13.9	11.0	16.4	





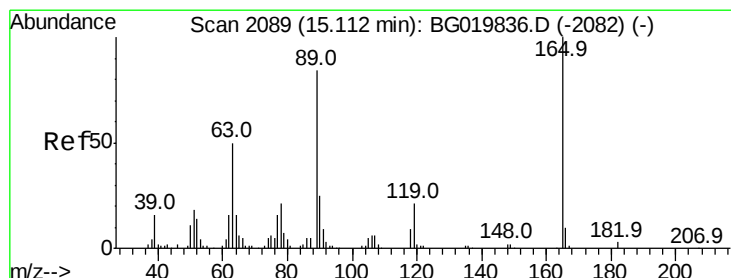
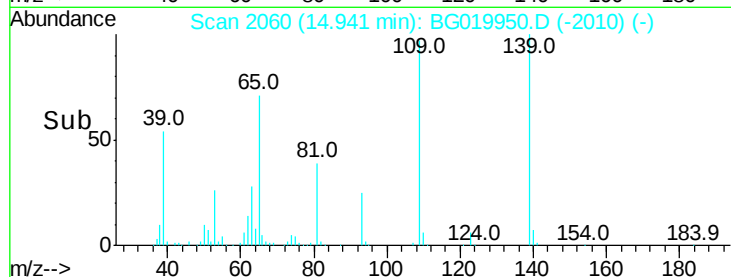
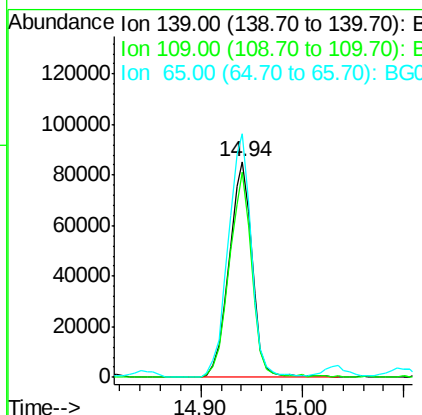
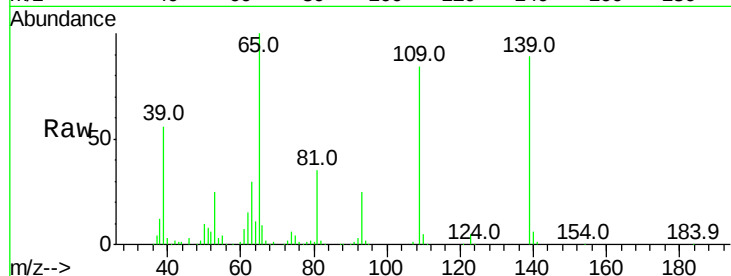
#55
4-Nitrophenol
Concen: 82.08 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	94.7	43.2	83.2#	
65	112.7	67.8	107.8#	

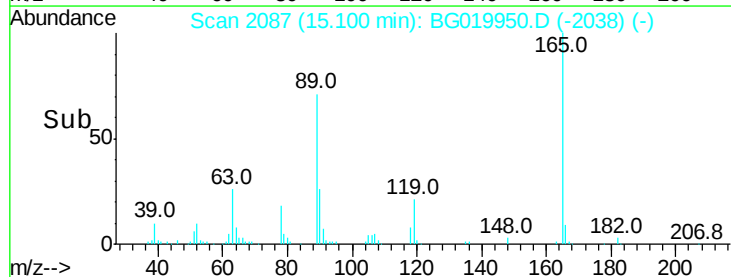
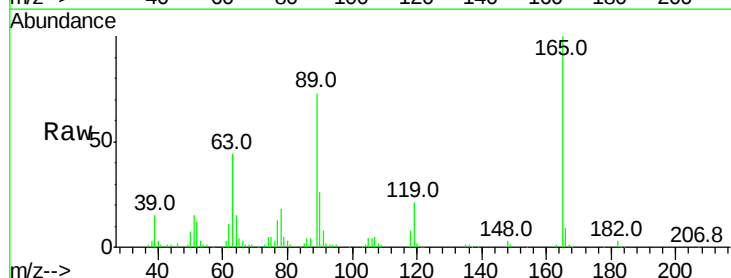
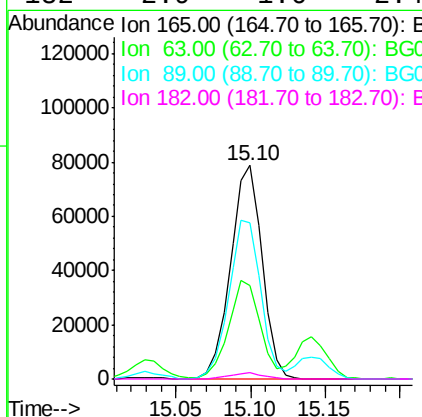
Manual Integrations
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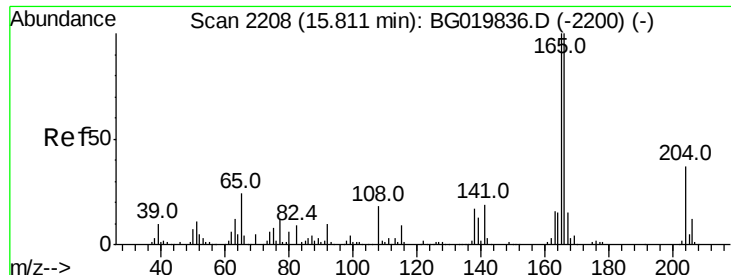
Mmdadoda
12/7/2015 6:31:45 PM



#56
2,4-Dinitrotoluene
Concen: 45.62 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.0	31.0	46.4	
89	73.1	54.4	81.6	
182	2.9	1.6	2.4#	





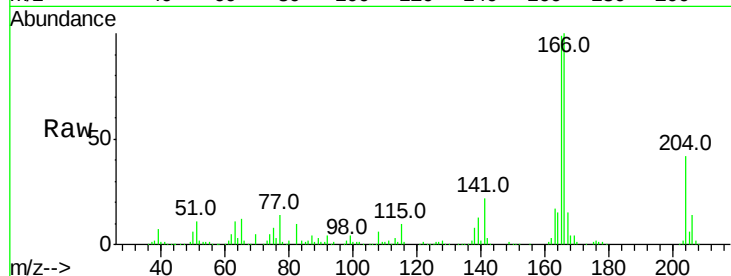
#57
Fluorene
 Concen: 37.37 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	80.0	120.0	
167	14.6	11.1	16.7	

Manual Integrations
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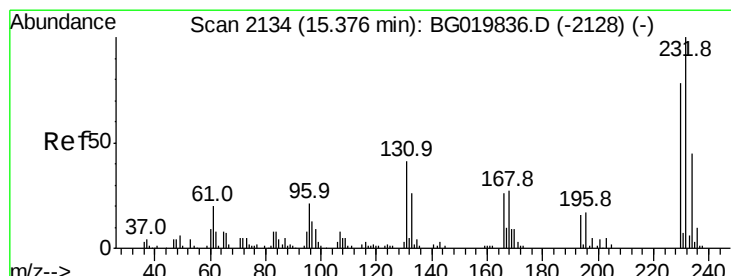
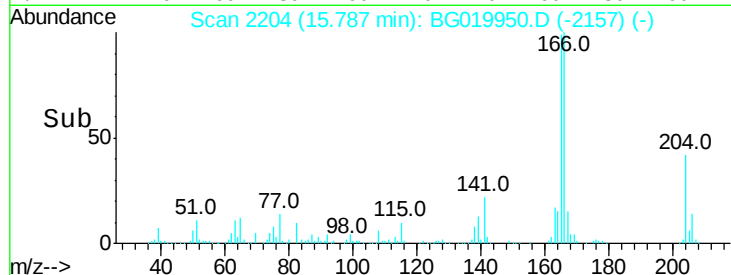
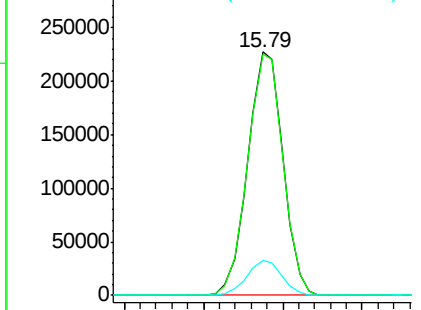


Abundance

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: 43.36 ng
 RT: 15.36 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.3	33.0	49.6	
130	2.2	2.0	3.0	
166	27.9	24.1	36.1	

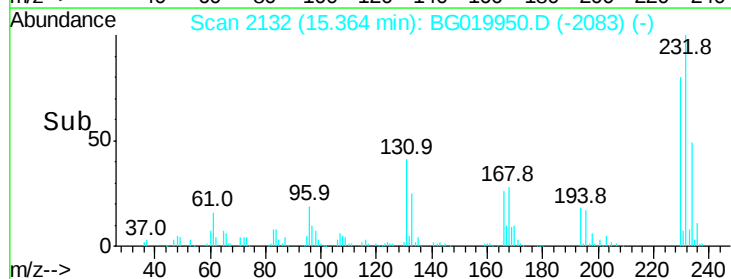
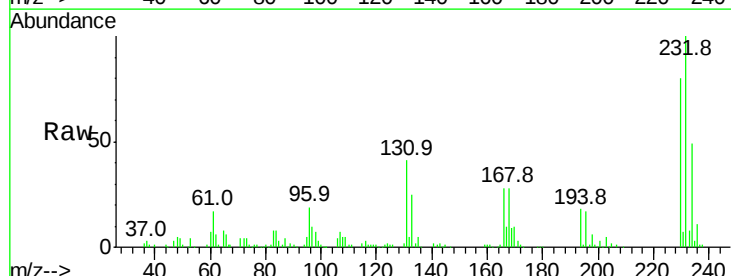
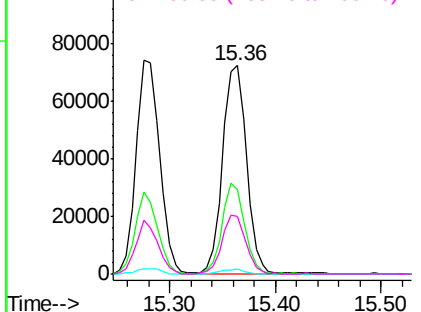
Abundance

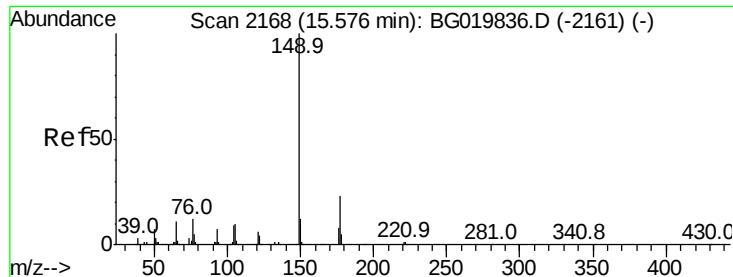
Ion 232.00 (231.70 to 232.70): E

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: 35.62 ng

RT: 15.56 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

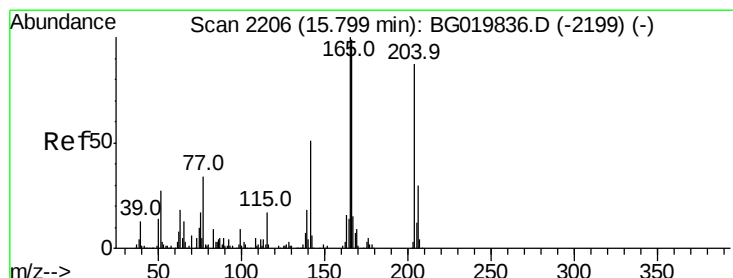
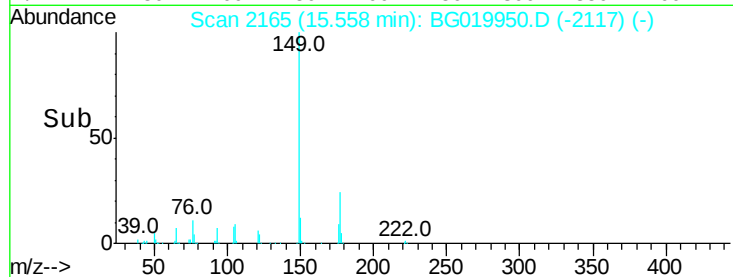
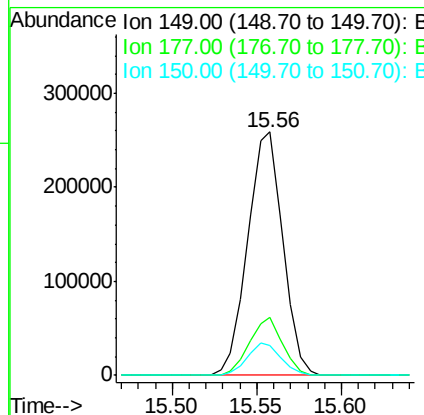
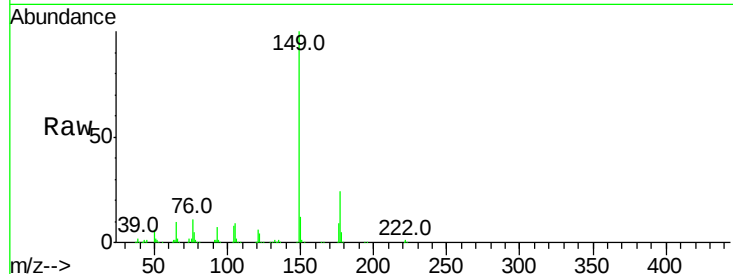
ClientSampleId :

PB87049BS

Tot Ion:	149	Resp:	373325
Ion Ratio	Lower	Upper	
149	100		
177	23.6	19.6	29.4
150	12.3	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 35.69 ng

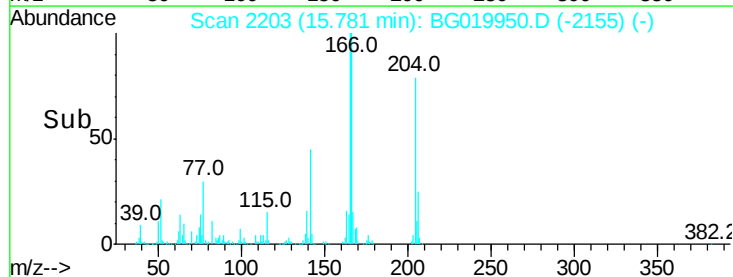
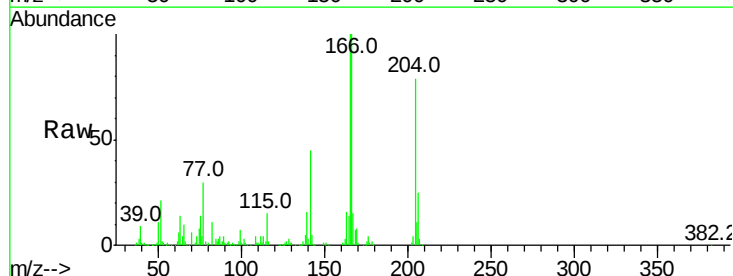
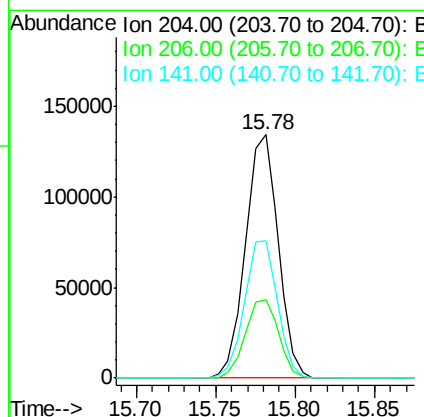
RT: 15.78 min Scan# 2203

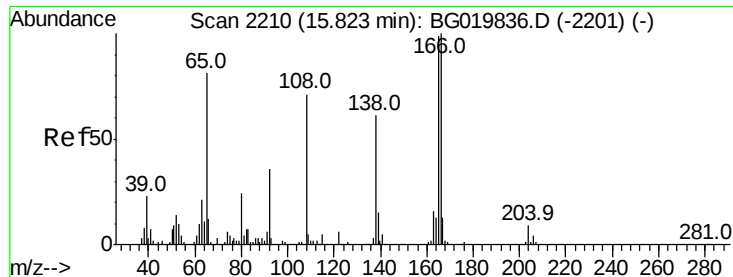
Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	204	Resp:	192060
Ion Ratio	Lower	Upper	
204	100		
206	32.1	28.3	42.5
141	56.6	44.0	66.0





#61

4-Nitroaniline

Concen: 39.68 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

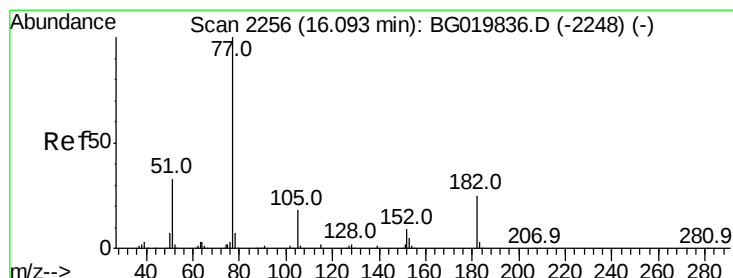
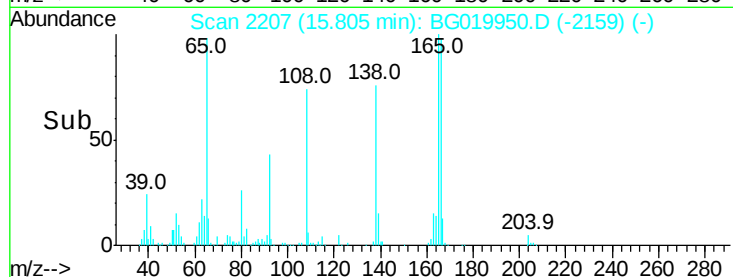
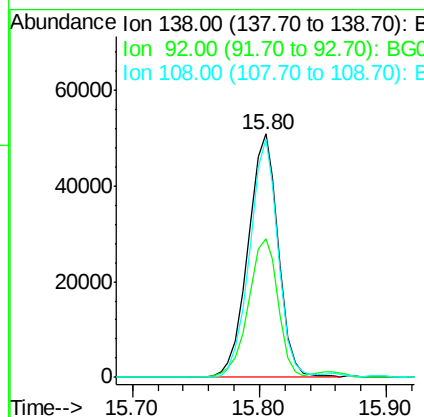
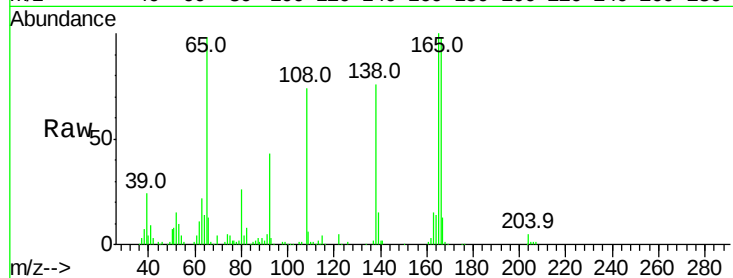
ClientSampleId :

PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	56.8	29.1	69.1	
108	97.9	49.8	89.8	

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#62

Azobenzene

Concen: 40.77 ng

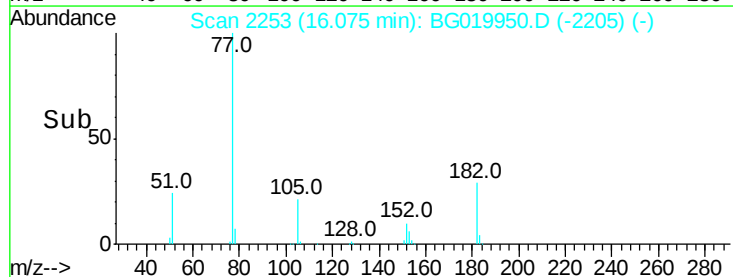
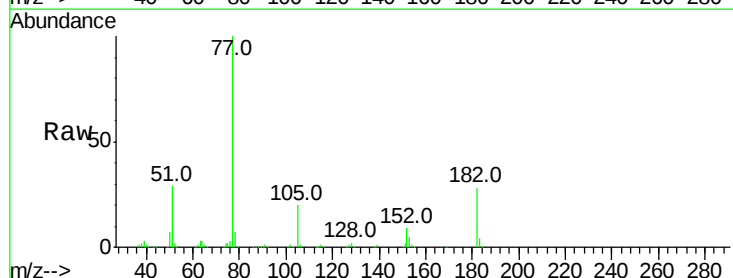
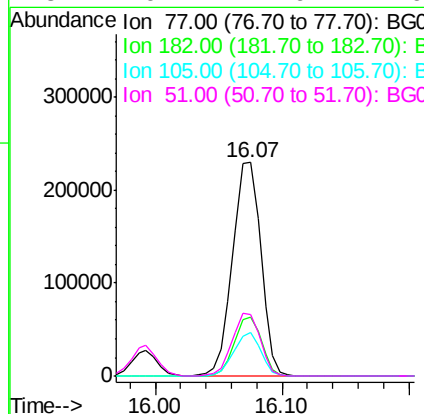
RT: 16.07 min Scan# 2253

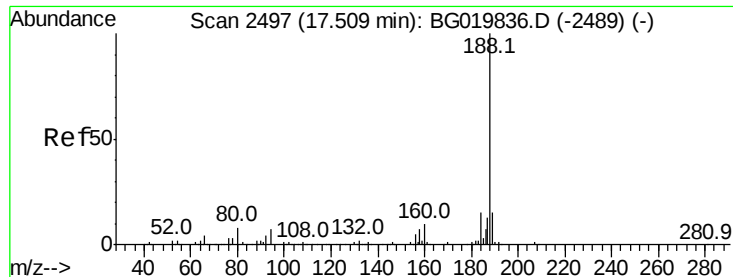
Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.5	7.0	47.0	
105	20.3	1.4	41.4	
51	29.1	4.9	44.9	





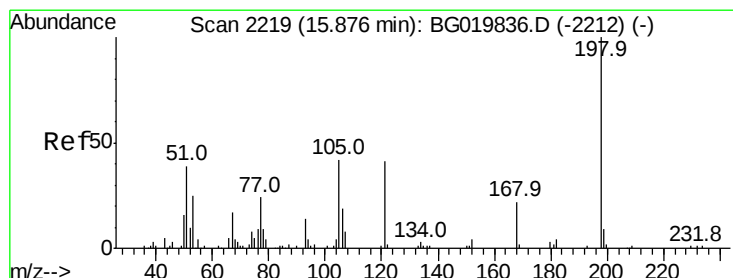
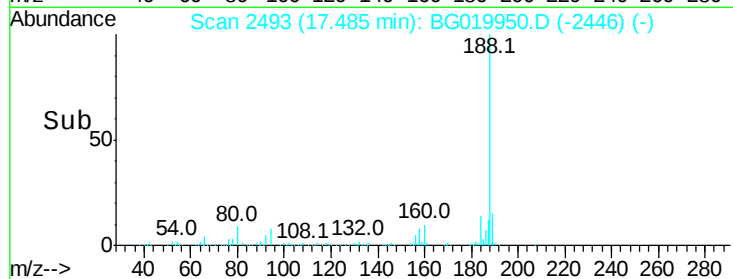
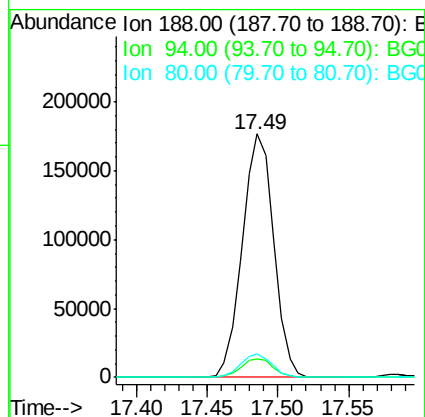
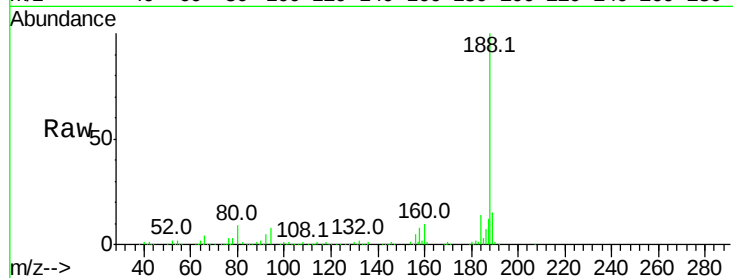
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2493
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	9.5	7.8	11.8

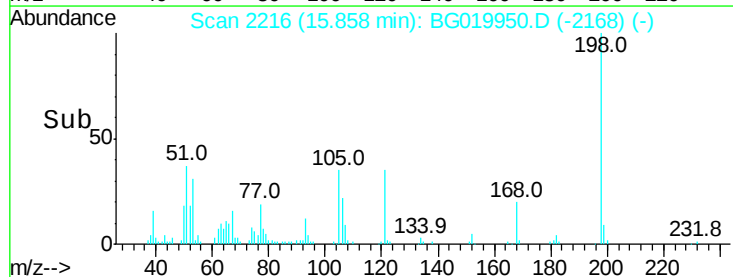
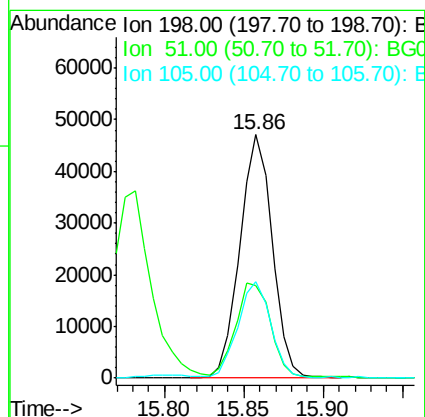
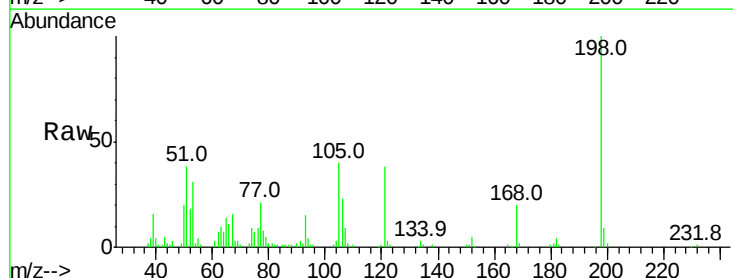
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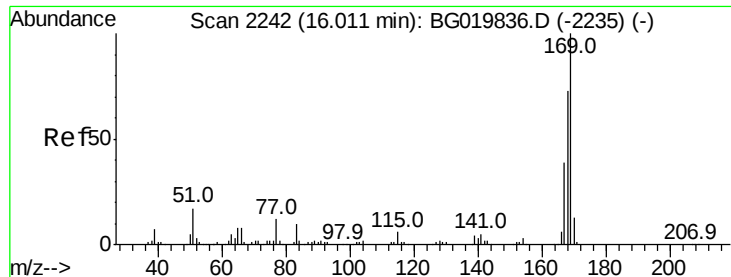
Mmdadoda
 12/7/2015 6:31:45 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.98 ng
 RT: 15.86 min Scan# 2216
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.0	14.2	54.2
105	39.5	21.1	61.1





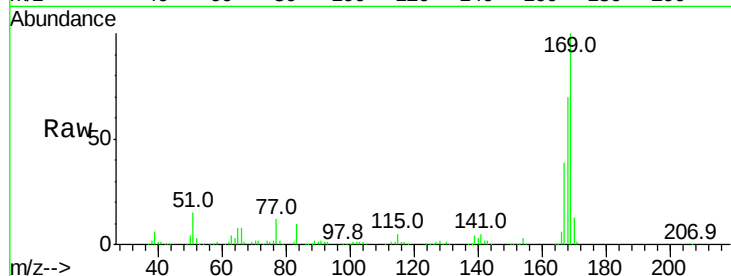
#65
n-Nitrosodiphenylamine
Concen: 40.08 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	318679		
168	70.3	58.2	87.2	
167	39.2	32.7	49.1	

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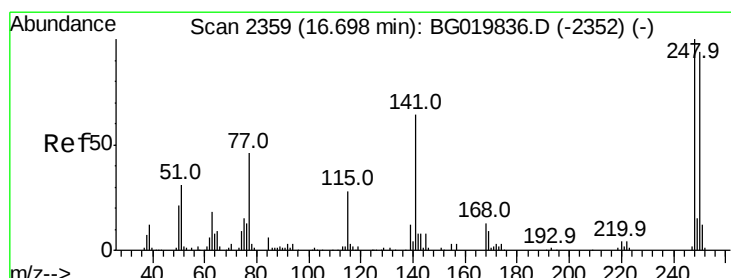
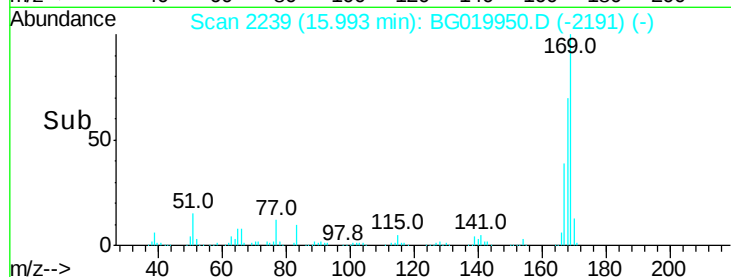
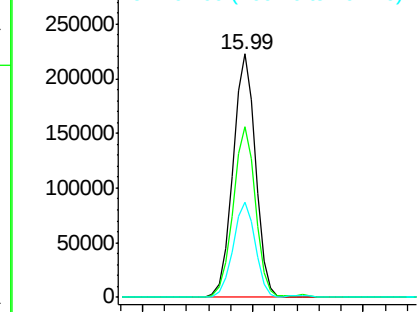


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 37.52 ng
RT: 16.67 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

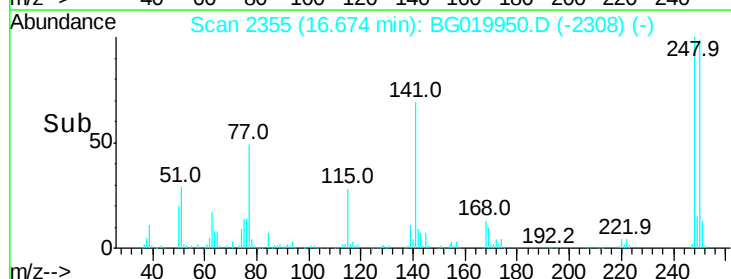
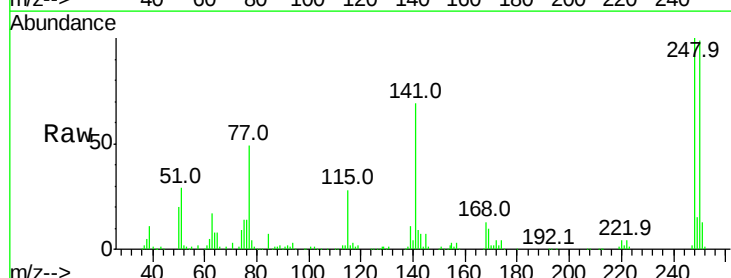
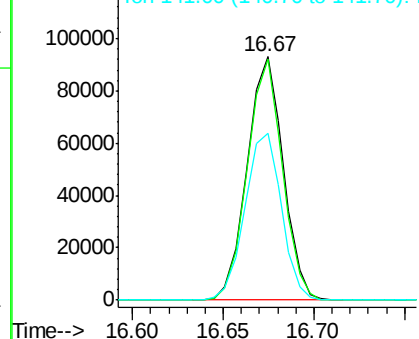
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	128085		
250	98.9	77.8	116.8	
141	68.6	50.4	75.6	

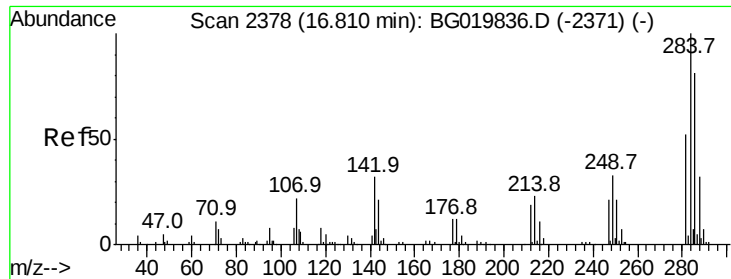
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.93 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

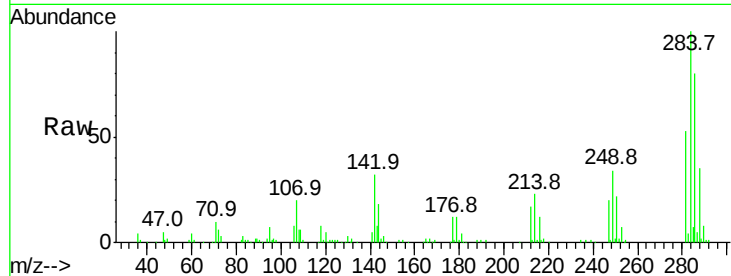
ClientSampleId :

PB87049BS

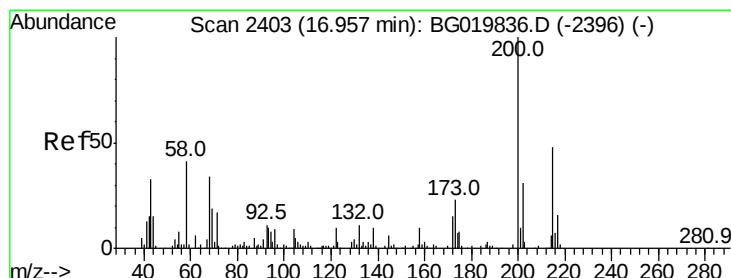
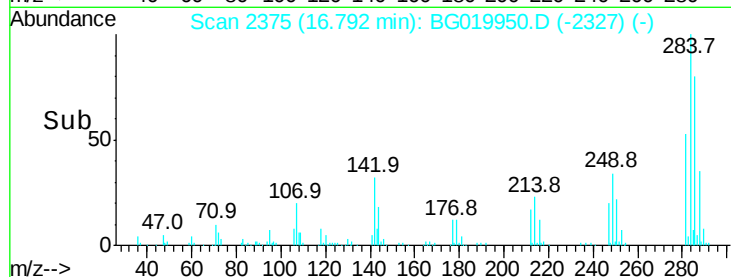
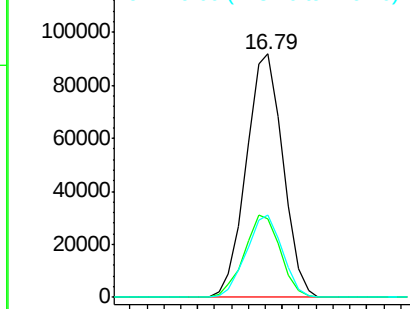
Tot Ion:	284	Resp:	138447
Ion Ratio	Lower	Upper	
284	100		
142	32.0	26.6	39.8
249	33.8	26.2	39.2

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



#68

Atrazine

Concen: 39.73 ng

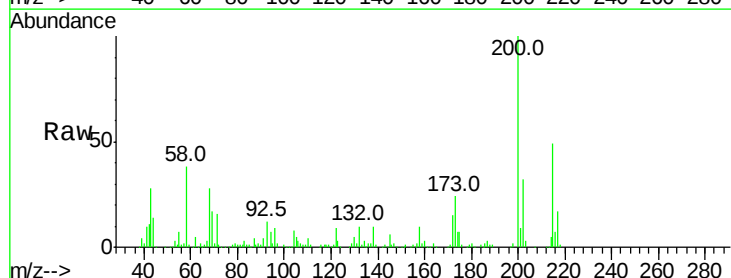
RT: 16.94 min Scan# 2400

Delta R.T. -0.02 min

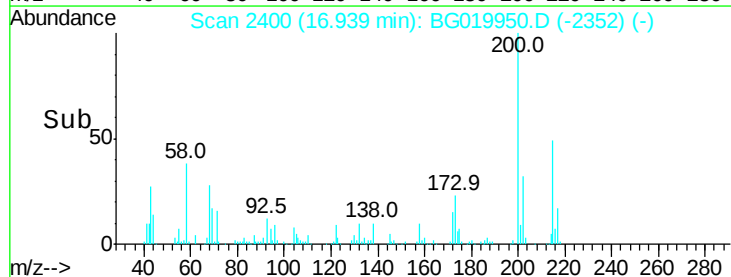
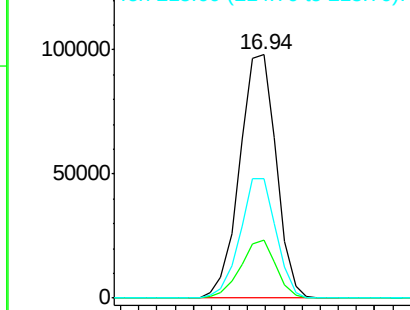
Lab File: BG019950.D

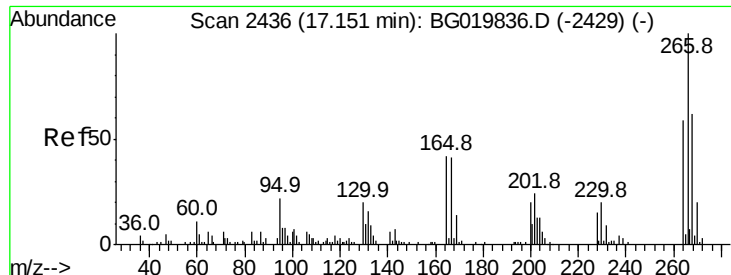
Acq: 5 Dec 2015 20:13

Tgt Ion:	200	Resp:	137244
Ion Ratio	Lower	Upper	
200	100		
173	23.8	5.2	45.2
215	49.2	27.0	67.0



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





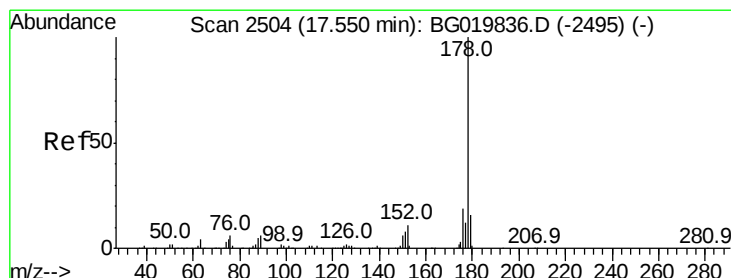
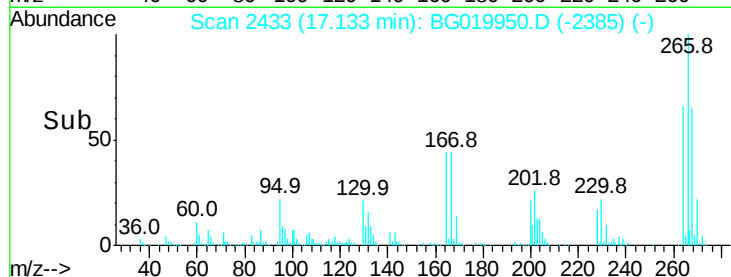
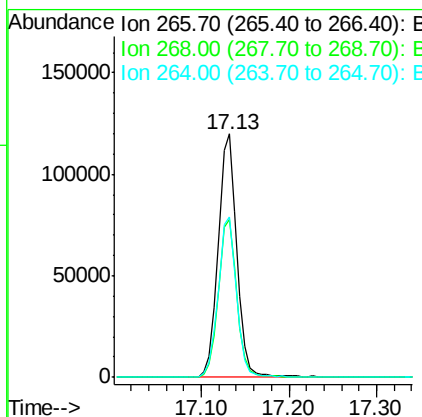
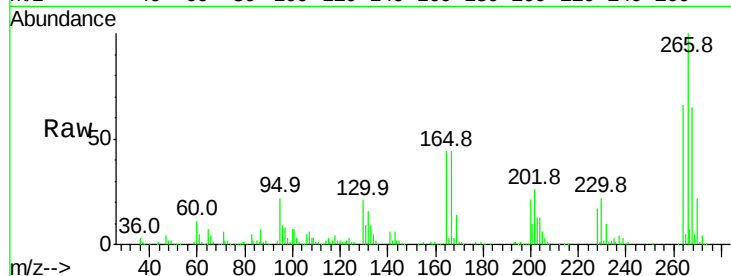
#69
 Pentachlorophenol
 Concen: 85.92 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	178335		
268	64.8	47.6	71.4	
264	65.7	48.1	72.1	

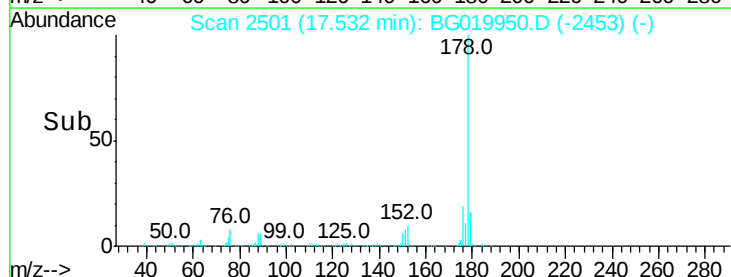
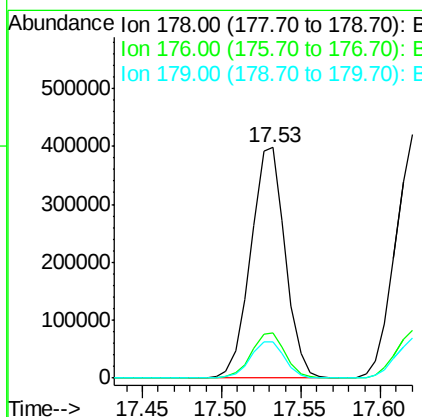
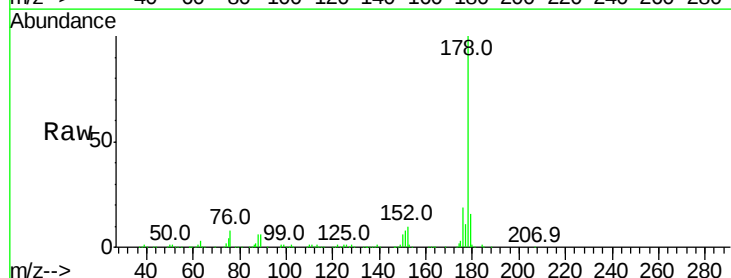
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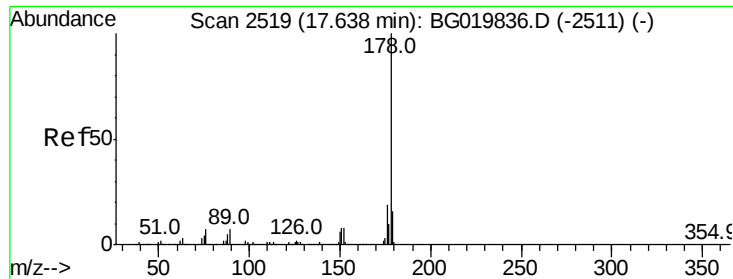
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#70
 Phenanthrene
 Concen: 38.57 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	599607		
176	19.4	16.7	25.1	
179	15.9	13.9	20.9	





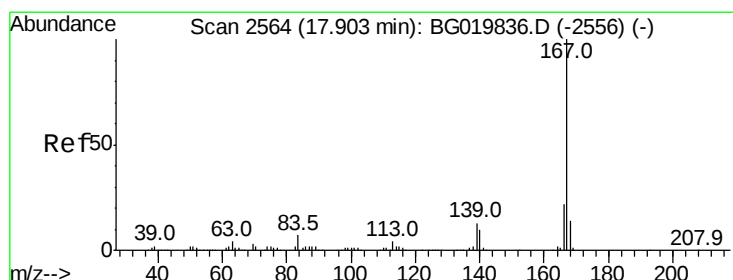
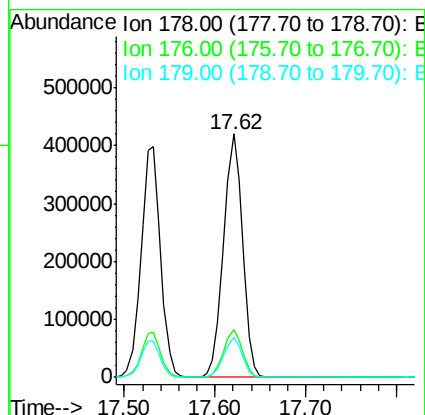
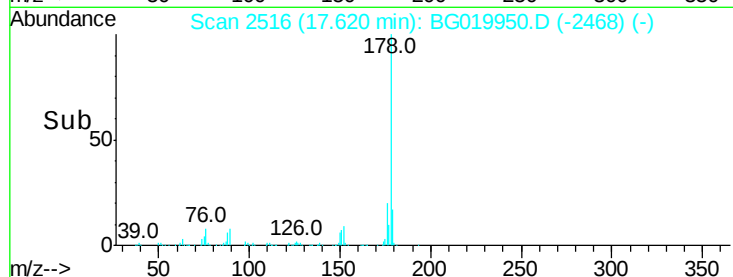
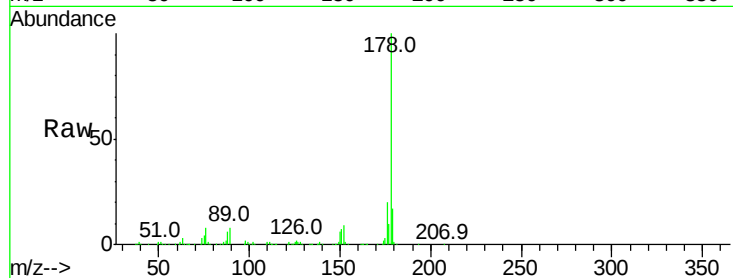
#71
 Anthracene
 Concen: 38.54 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion:	178	Resp:	610132
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.8	25.2
179	16.7	13.9	20.9

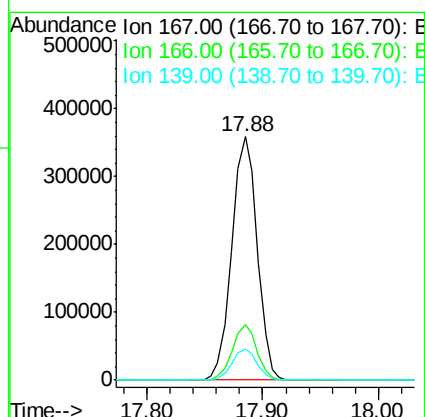
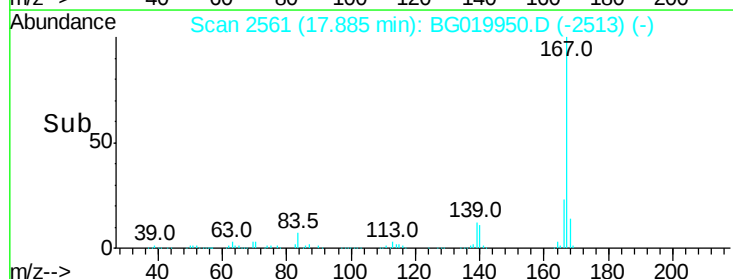
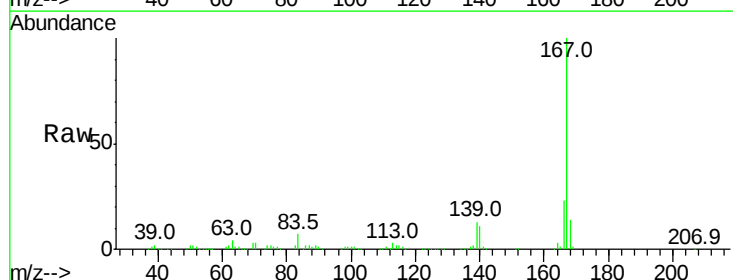
Manual Integrations
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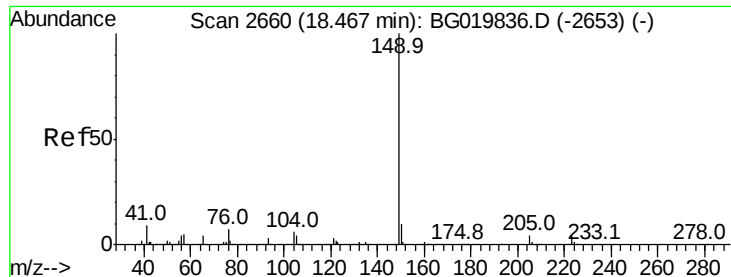
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#72
 Carbazole
 Concen: 39.07 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion:	167	Resp:	544989
Ion Ratio	Lower	Upper	
167	100		
166	22.9	19.0	28.6
139	12.8	10.2	15.4





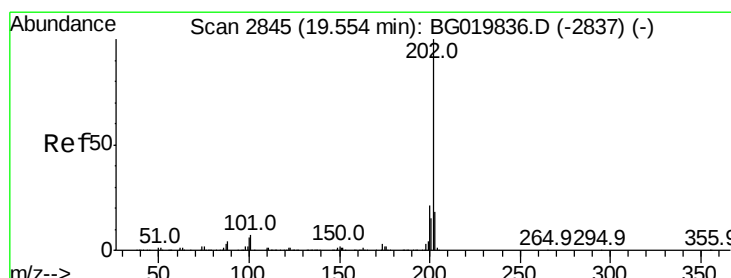
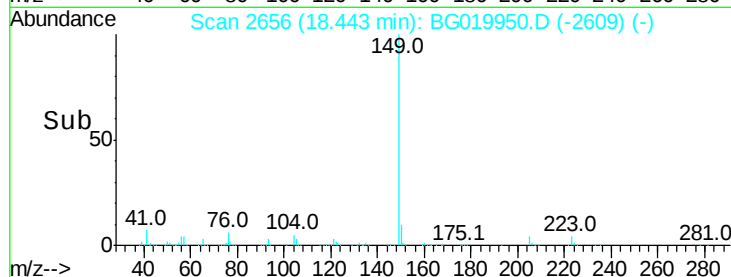
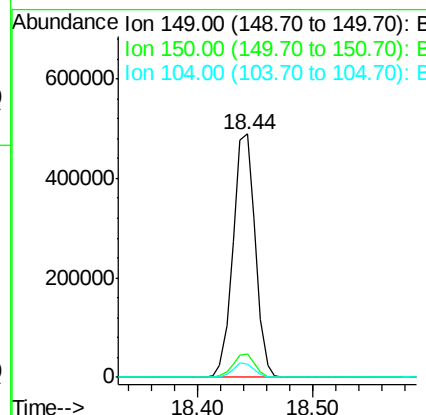
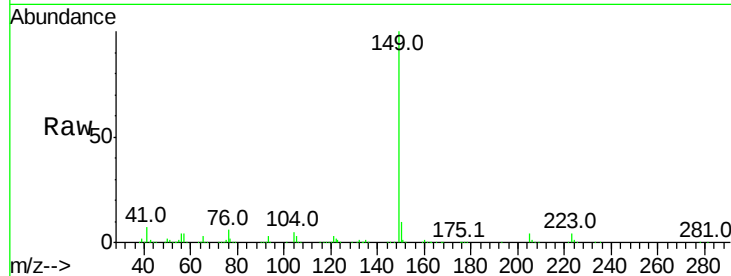
#73
Di-n-butylphthalate
Concen: 38.02 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Tot Ion:	149	Resp:	649951
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.2	12.4
104	5.4	4.4	6.6

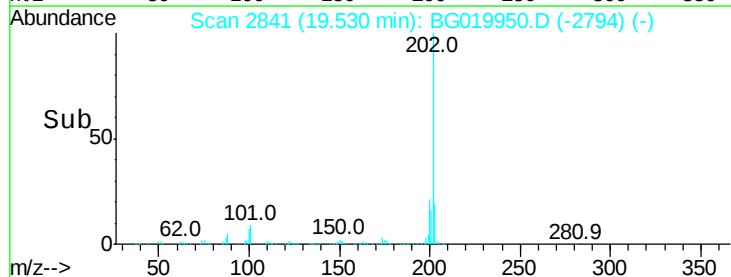
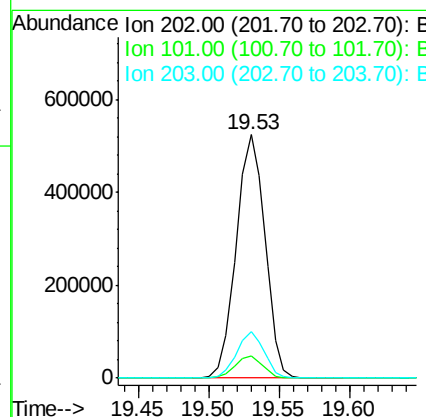
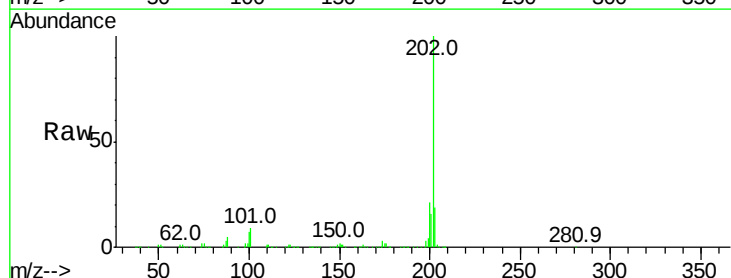
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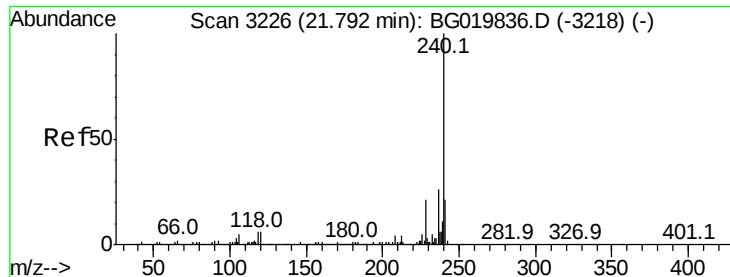
Mmdadoda
12/7/2015 6:31:45 PM



#74
Fluoranthene
Concen: 37.42 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion:	202	Resp:	743946
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	32.4
203	18.9	0.0	39.5





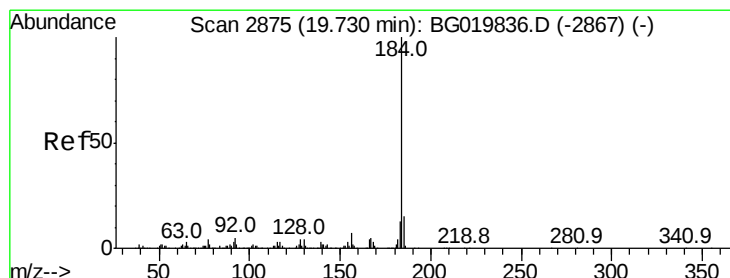
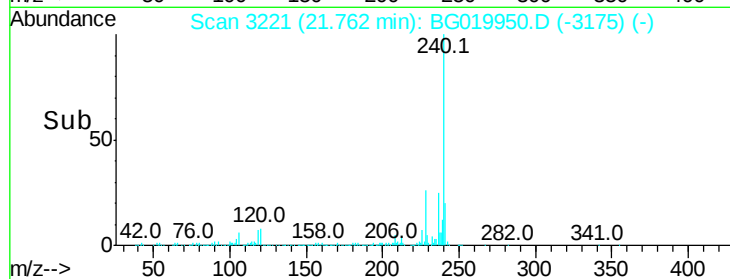
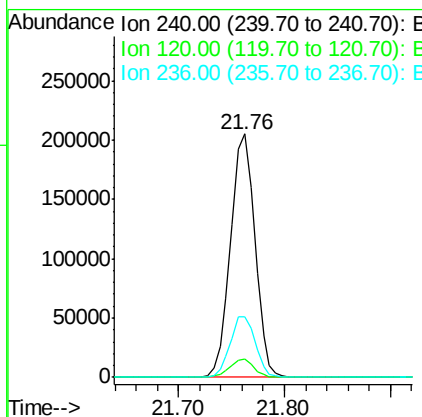
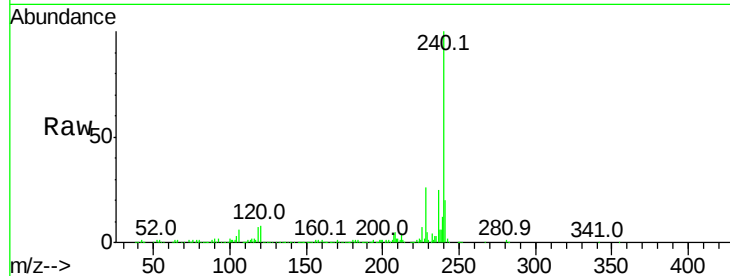
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	7.7	7.4	11.0
236	24.9	20.7	31.1

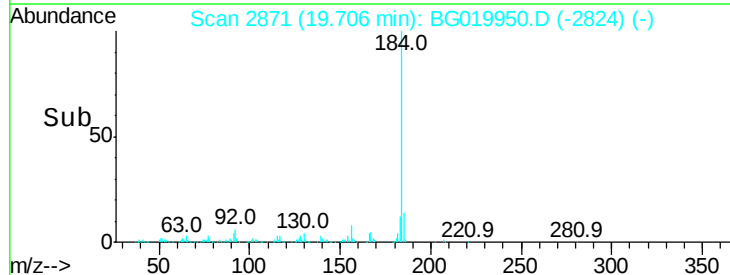
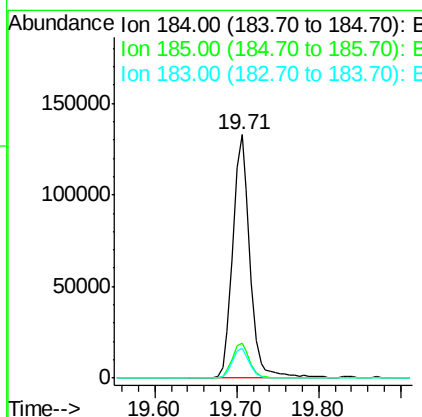
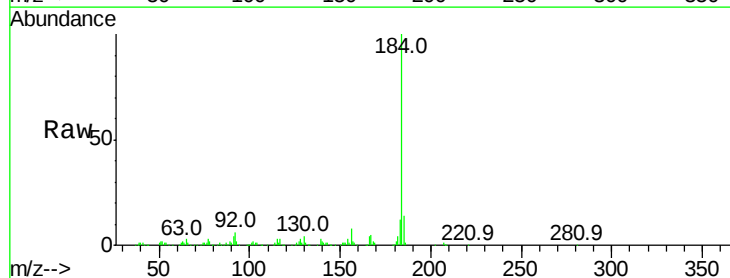
Manual Integrations
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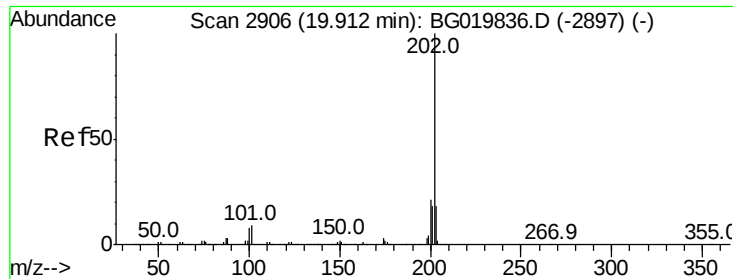
Mmdadoda
 12/7/2015 6:31:45 PM



#76
 Benzidine
 Concen: 18.22 ng
 RT: 19.71 min Scan# 2871
 Delta R.T. -0.02 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	14.4	13.4	20.2
183	12.0	10.1	15.1





#77

Pvrene

Concen: 39.76 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

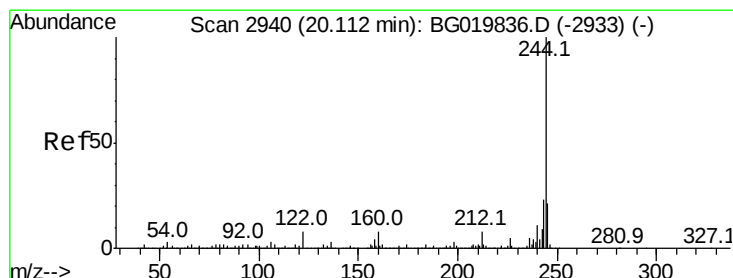
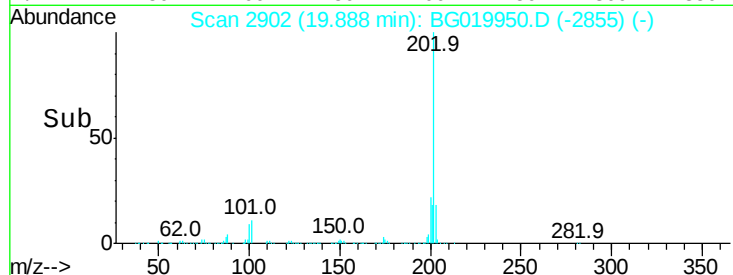
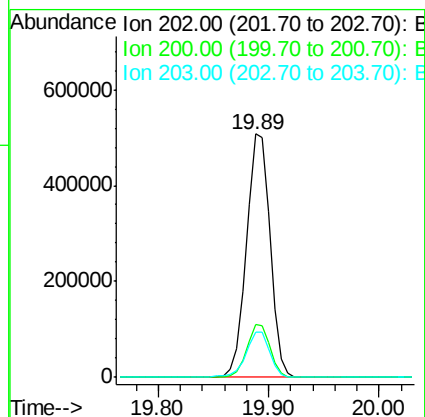
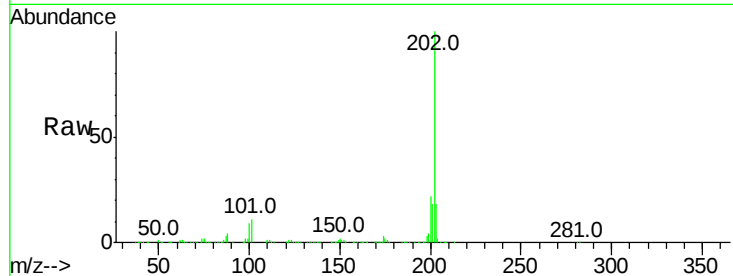
ClientSampleId :

PB87049BS

Tot Ion:	202	Resp:	764408
Ion Ratio		Lower	Upper
202	100		
200	22.0	19.4	29.0
203	18.4	15.5	23.3

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#78

Terphenyl-d14

Concen: 74.79 ng

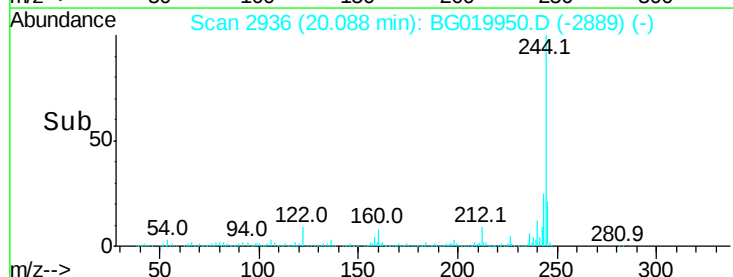
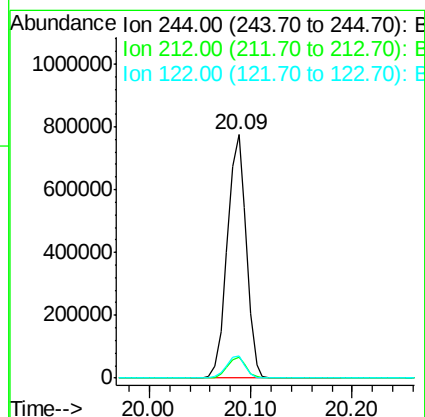
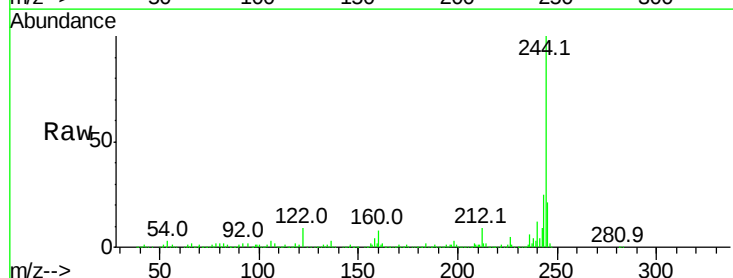
RT: 20.09 min Scan# 2936

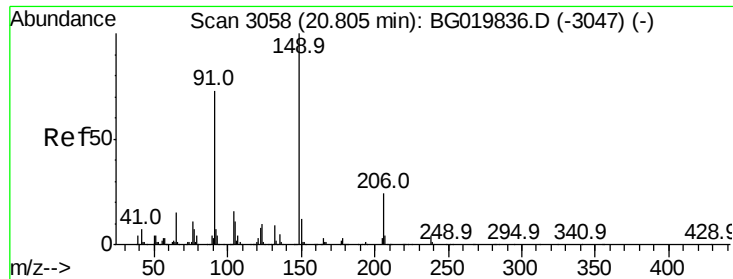
Delta R.T. -0.02 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	244	Resp:	1002082
Ion Ratio		Lower	Upper
244	100		
212	8.7	6.9	10.3
122	9.1	10.2	15.2#





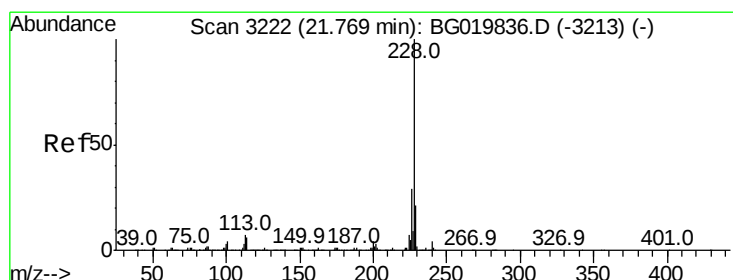
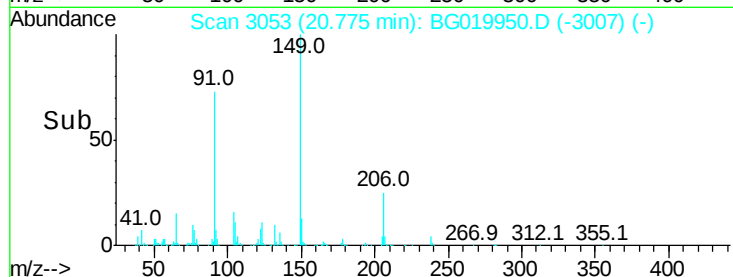
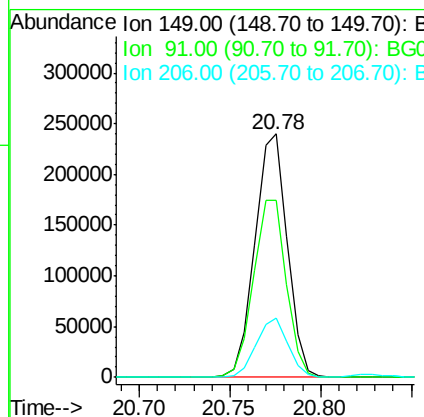
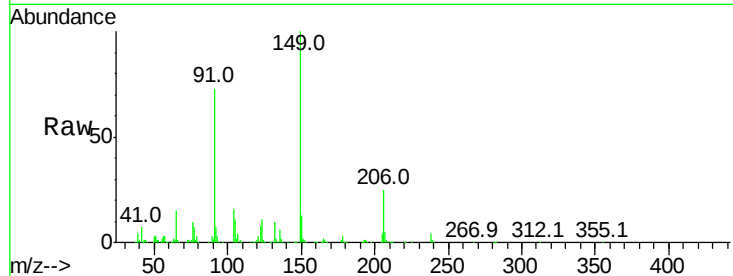
#79
Butylbenzylphthalate
Concen: 39.39 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.03 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Instrument :
BNA_G
ClientSampleId :
PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	296873		
91	72.7	58.1	87.1	
206	24.6	17.8	26.8	

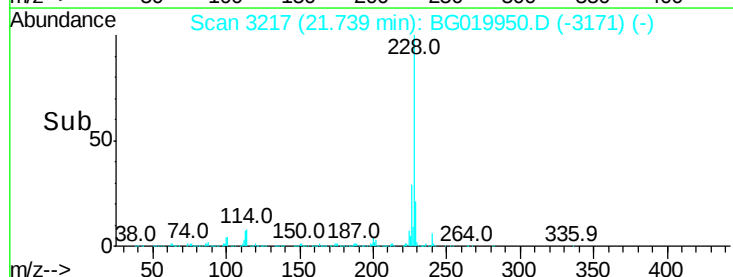
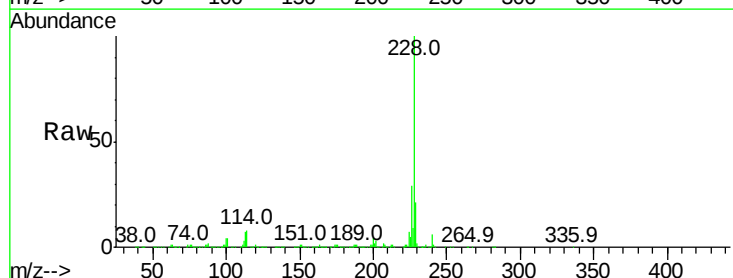
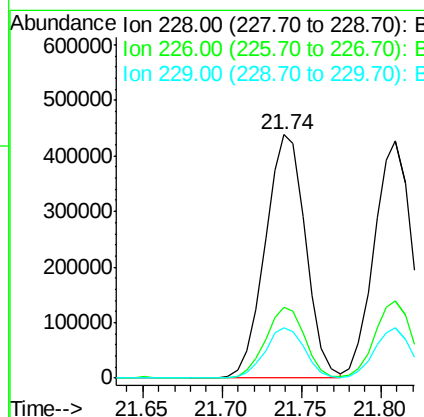
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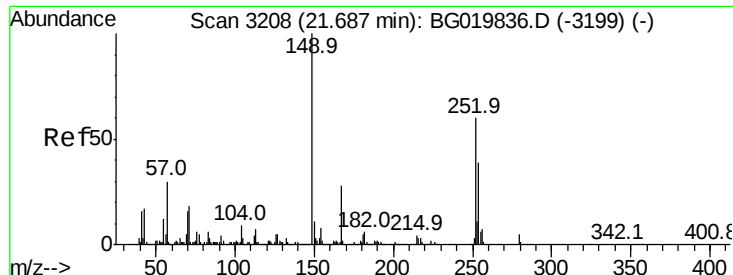
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 38.71 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019950.D
Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	774339		
226	29.2	23.4	35.0	
229	20.8	16.6	25.0	





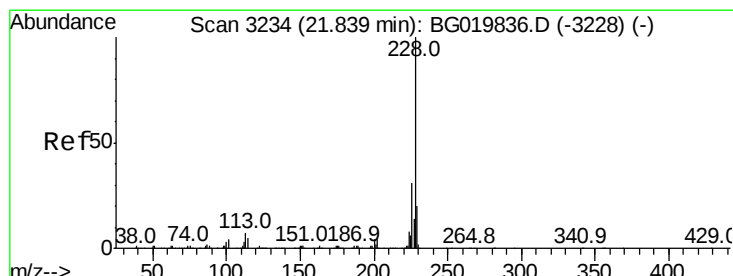
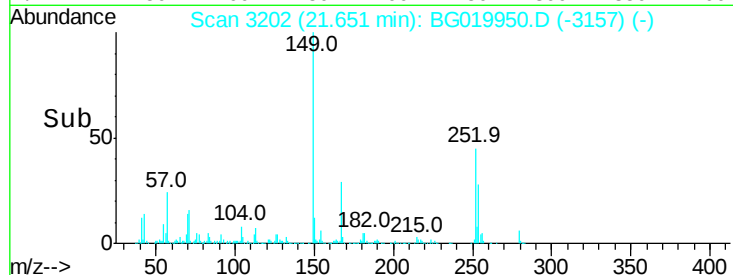
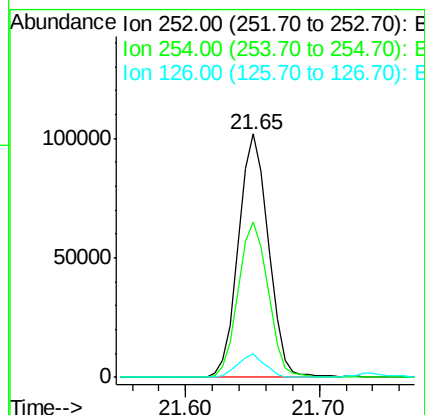
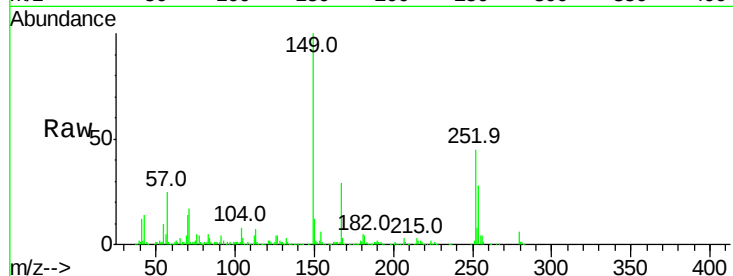
#81
 3,3'-Dichlorobenzidine
 Concen: 20.83 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	158742		
254	63.6	52.5	78.7	
126	9.8	8.5	12.7	

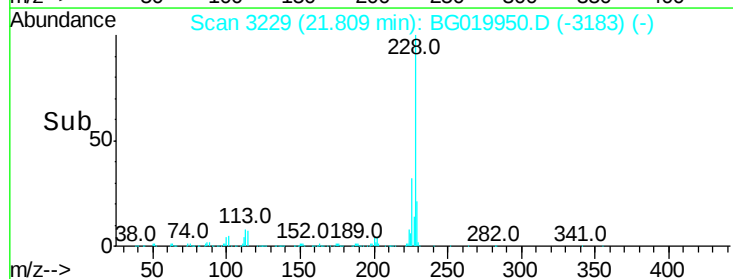
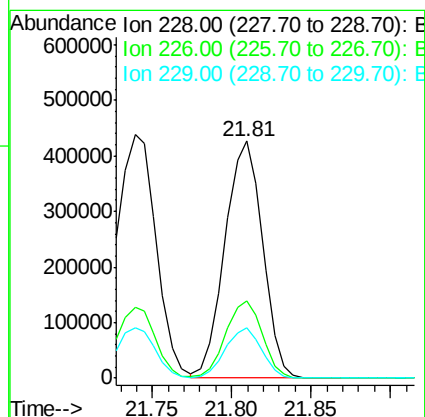
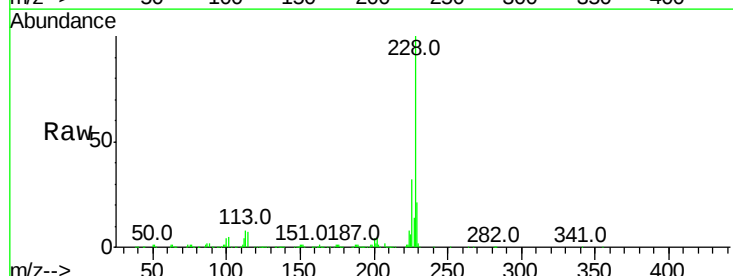
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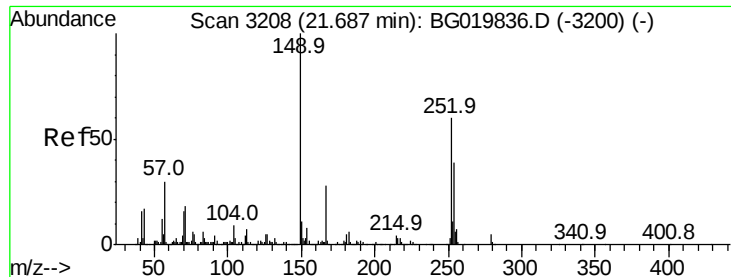
Mmdadoda
 12/7/2015 6:31:45 PM



#82
 Chrysene
 Concen: 36.93 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	701564		
226	32.3	26.7	40.1	
229	21.1	17.0	25.6	





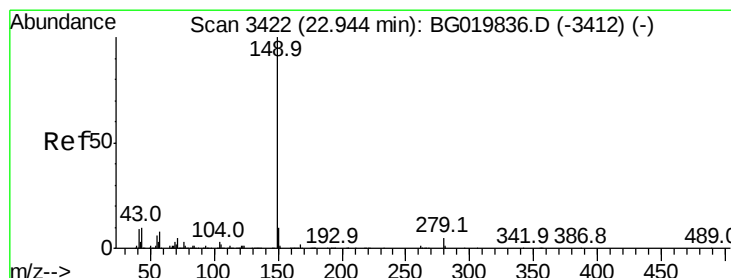
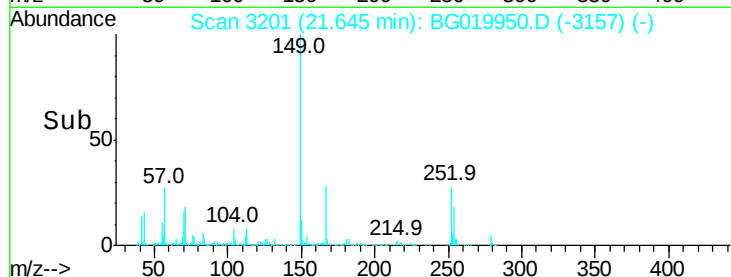
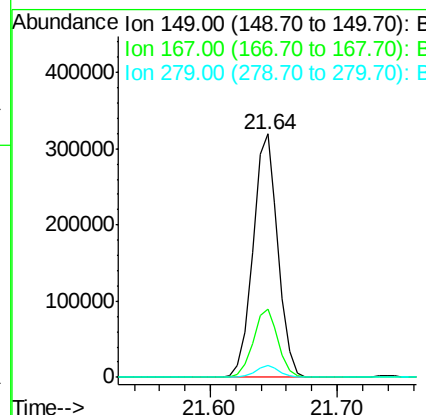
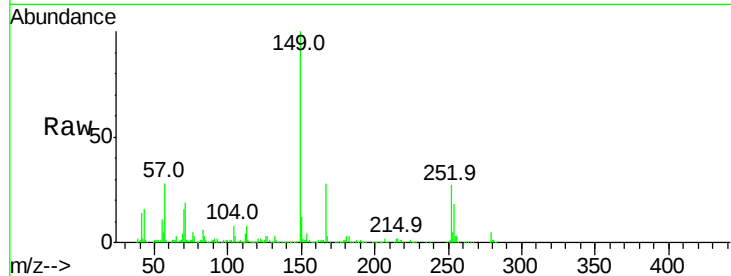
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.16 ng
 RT: 21.64 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.0	23.8	35.8	
279	5.2	3.4	5.2#	

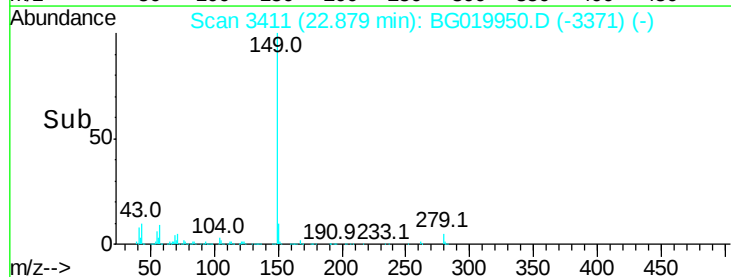
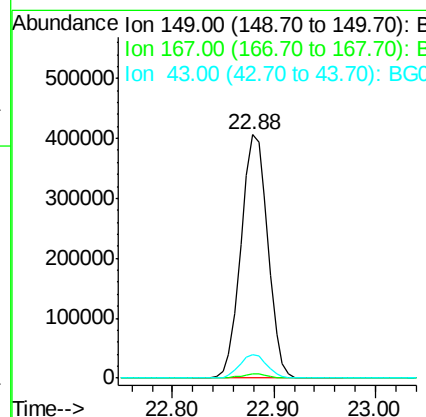
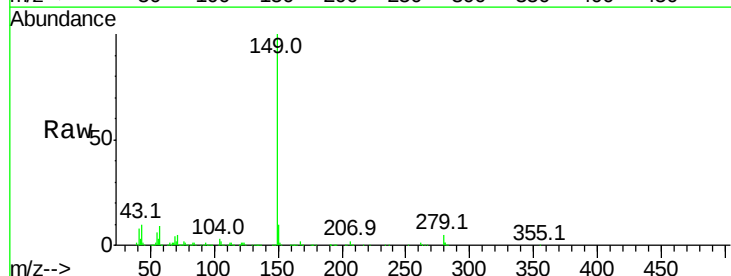
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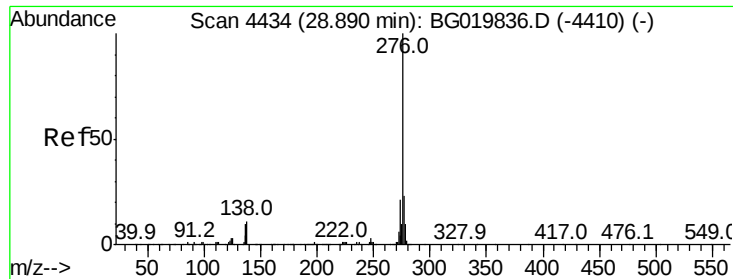
Mmdadoda
 12/7/2015 6:31:45 PM



#84
 Di-n-octyl phthalate
 Concen: 41.42 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.07 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	9.6	5.9	8.9#	





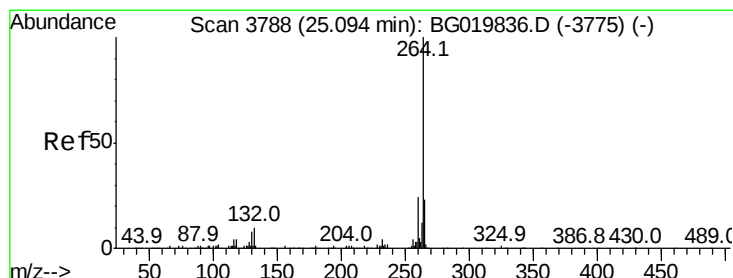
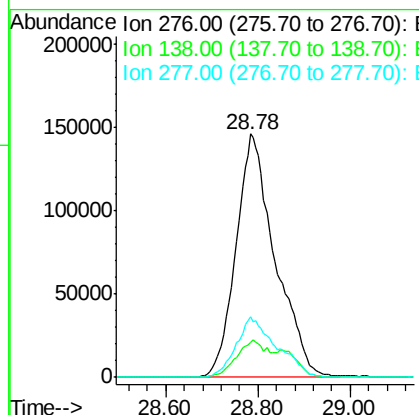
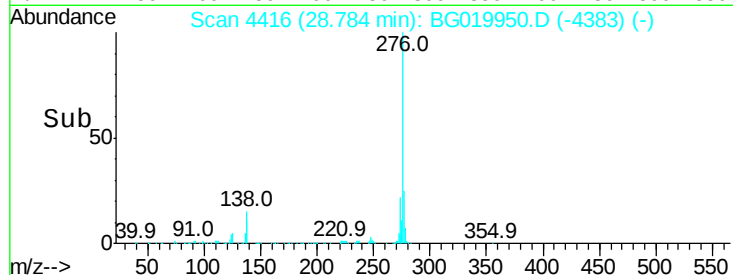
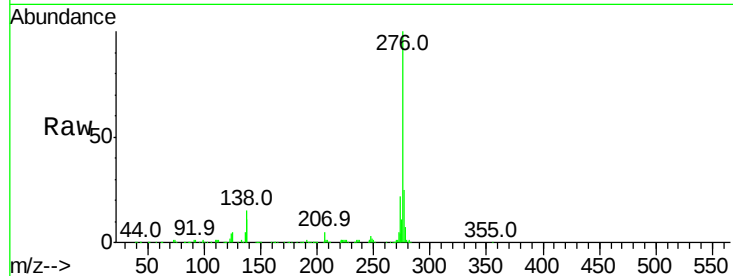
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.24 ng
 RT: 28.78 min Scan# 4416
 Delta R.T. -0.11 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	12.1	0.0	0.0	#
277	25.6	0.0	0.0	#

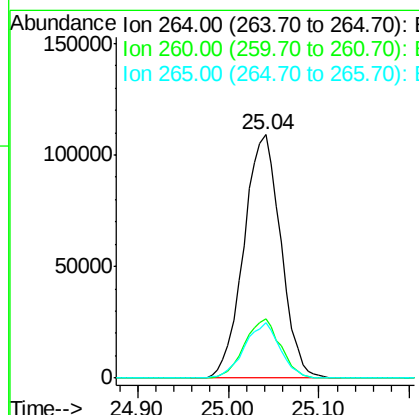
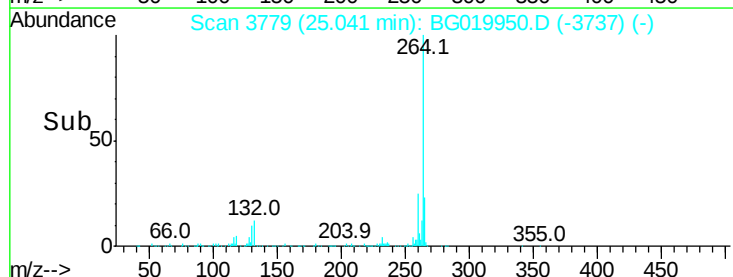
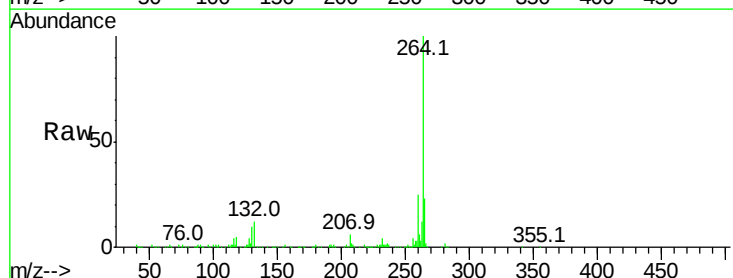
Manual Integrations
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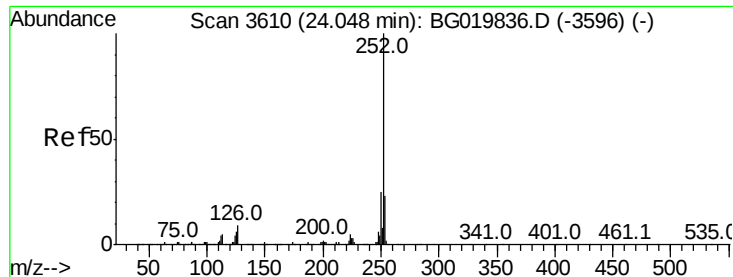
Mmdadoda
 12/7/2015 6:31:45 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.5	18.5	27.7	
265	22.9	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 38.88 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

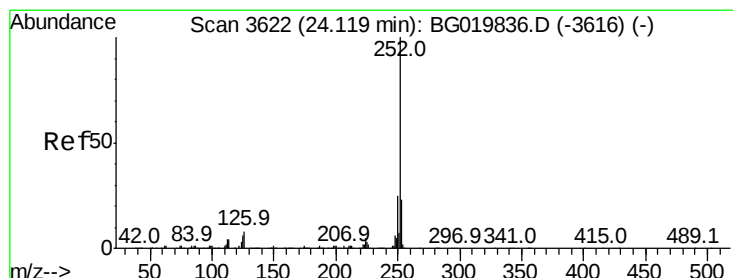
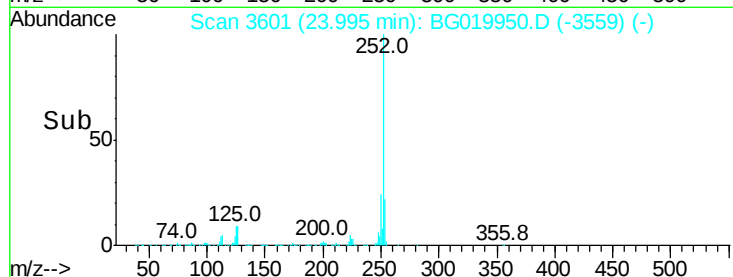
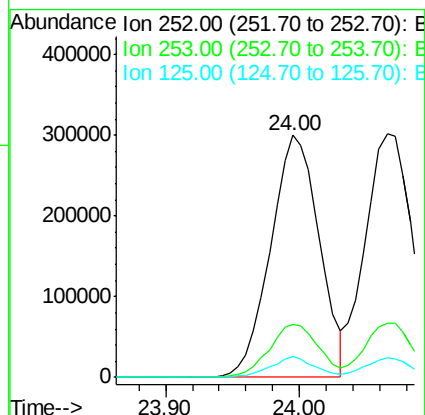
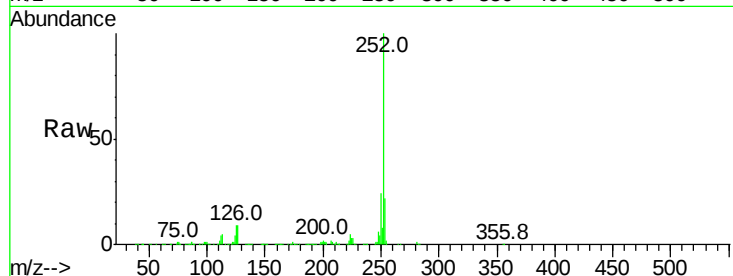
ClientSampleId :

PB87049BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	759792		
253	22.1		19.1	28.7
125	8.6		8.9	13.3#

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12/7/2015 6:31:45 PM



#88

Benzo(k)fluoranthene

Concen: 37.88 ng

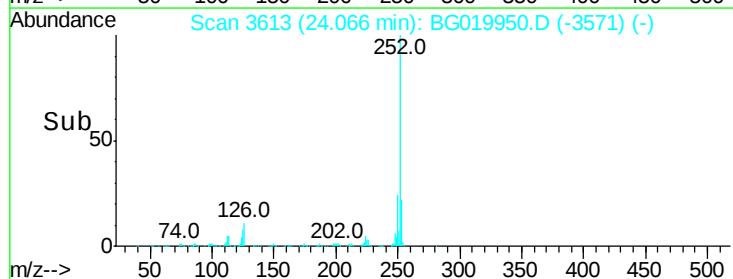
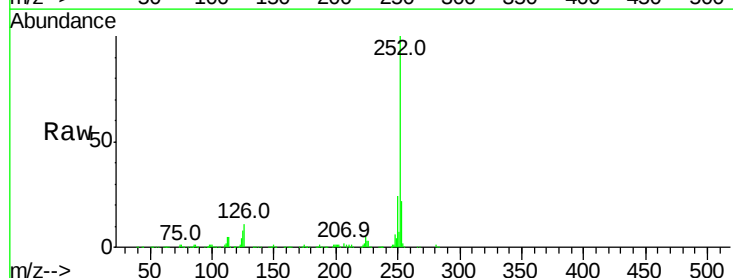
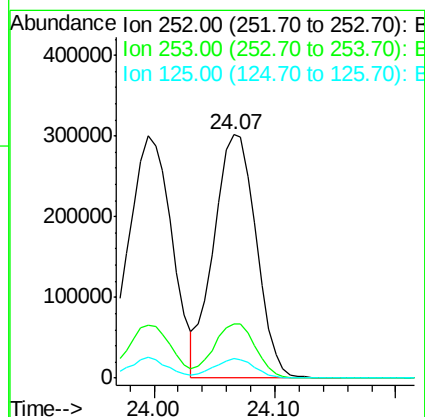
RT: 24.07 min Scan# 3613

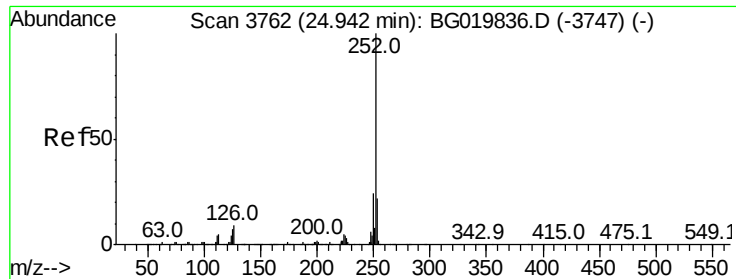
Delta R.T. -0.05 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	733145		
253	22.4		19.0	28.4
125	7.8		8.9	13.3#





#89

Benzo(a)pyrene

Concen: 39.54 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Instrument :

BNA_G

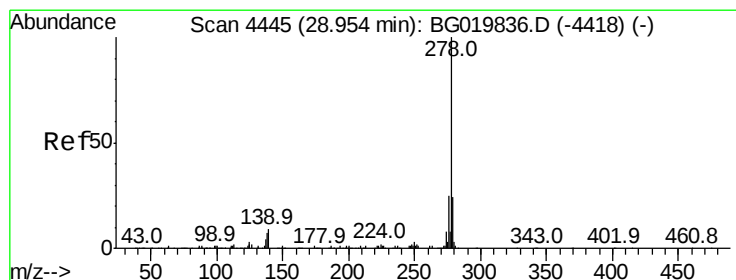
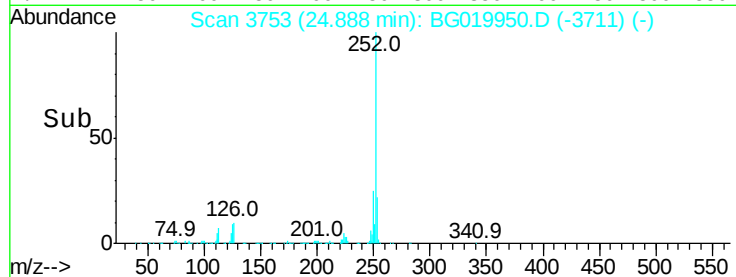
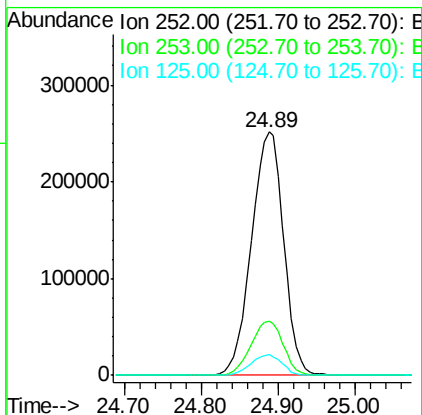
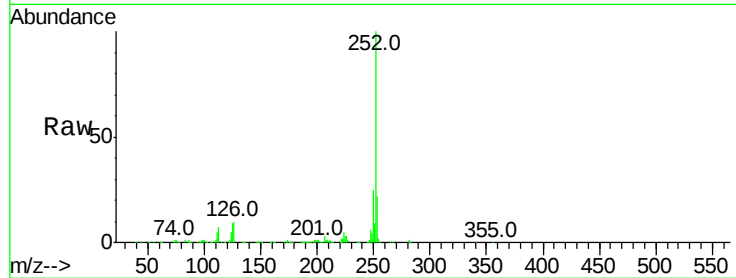
ClientSampleId :

PB87049BS

Tot Ion:	252	Resp:	733615
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.7	28.1
125	8.6	9.1	13.7#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 38.50 ng

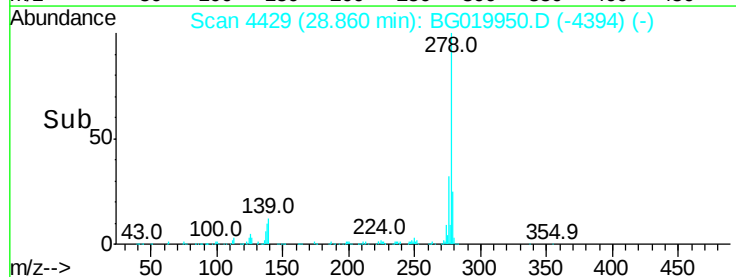
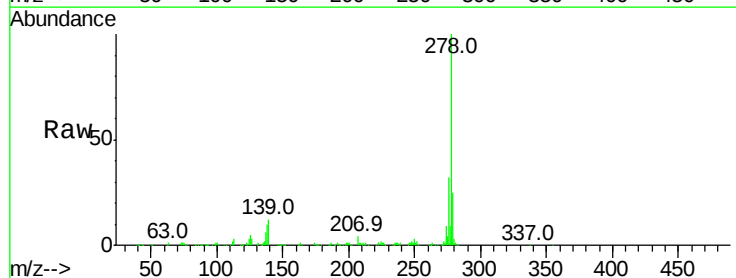
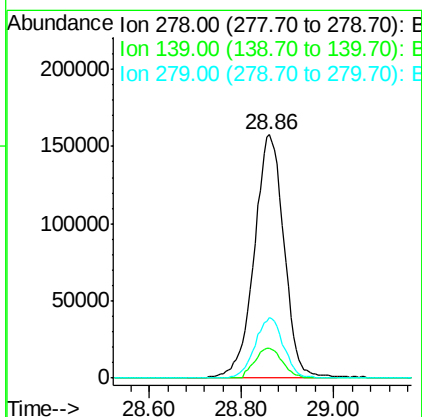
RT: 28.86 min Scan# 4429

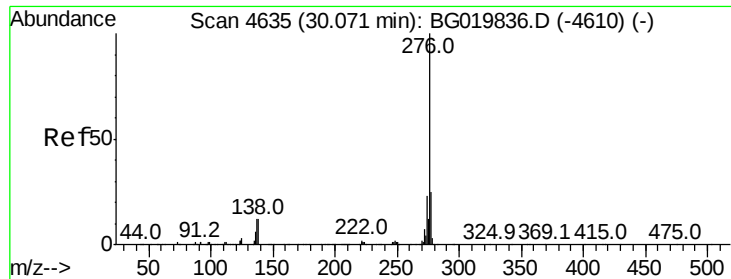
Delta R.T. -0.09 min

Lab File: BG019950.D

Acq: 5 Dec 2015 20:13

Tgt Ion:	278	Resp:	705762
Ion Ratio	Lower	Upper	
278	100		
139	12.4	13.8	20.6#
279	25.1	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 39.27 ng
 RT: 29.97 min Scan# 4618
 Delta R.T. -0.10 min
 Lab File: BG019950.D
 Acq: 5 Dec 2015 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BS

Tot Ion:	276	Resp:	706903
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.4	27.6
138	14.7	17.4	26.0#

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:45 PM

