

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019937.D
 Acq On : 5 Dec 2015 11:52
 Operator : UM/NP
 Sample : PB87014BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:29:48 PM

Quant Time: Dec 07 04:57:41 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	8.12	152	33418	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	142895	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	99469	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	252133	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	302463	20.00	ng	-0.03
86) Perylene-d12	25.05	264	281296	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	165781	89.66	ng	0.00
7) Phenol-d6	7.26	99	243271	87.14	ng	0.00
23) Nitrobenzene-d5	9.29	82	232070	82.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	119318	78.40	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	556411	76.38	ng	-0.02
78) Terphenyl-d14	20.09	244	970537	78.27	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	23792	33.03	ng	# 100
3) Pyridine	3.93	79	75854	34.67	ng	# 85
4) n-Nitrosodimethylamine	3.84	42	40303	35.03	ng	# 83
6) Aniline	7.43	93	103262	28.56	ng	# 85
8) 2-Chlorophenol	7.68	128	92620	41.08	ng	# 93
9) Benzaldehyde	7.25	77	19416	10.43	ng	# 95
10) Phenol	7.29	94	126794	43.15	ng	# 78
11) bis(2-Chloroethyl)ether	7.53	93	83189	38.23	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	93861	36.73	ng	# 90
13) 1,4-Dichlorobenzene	8.15	146	97284	36.86	ng	# 95
14) 1,2-Dichlorobenzene	8.47	146	93079	36.97	ng	# 95
15) Benzyl Alcohol	8.35	79	101206	41.31	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	131263	36.99	ng	# 93
17) 2-Methylphenol	8.55	107	86697	41.80	ng	# 92
18) Hexachloroethane	9.21	117	35791	36.21	ng	# 94
19) n-Nitroso-di-n-propylamine	8.92	70	78860	35.82	ng	# 86
20) 3+4-Methylphenols	8.88	107	120654	41.31	ng	# 94
22) Acetophenone	8.94	105	142099	36.28	ng	# 93
24) Nitrobenzene	9.33	77	120720	39.75	ng	# 90
25) Isophorone	9.85	82	216392	36.05	ng	# 97
26) 2-Nitrophenol	10.04	139	51262	43.70	ng	# 73
27) 2,4-Dimethylphenol	10.09	122	100482	41.14	ng	# 92
28) bis(2-Chloroethoxy)methane	10.33	93	122586	41.79	ng	# 100
29) 2,4-Dichlorophenol	10.57	162	106342	42.61	ng	# 92
30) 1,2,4-Trichlorobenzene	10.80	180	103653	36.75	ng	# 97
31) Naphthalene	10.98	128	291892	38.13	ng	# 98
32) Benzoic acid	10.21	122	73192	44.90	ng	# 87
33) 4-Chloroaniline	11.08	127	70562	20.92	ng	# 90
34) Hexachlorobutadiene	11.27	225	72450	34.83	ng	# 96
35) Caprolactam	11.86	113	37236m	40.08	ng	# 95
36) 4-Chloro-3-methylphenol	12.19	107	122470	39.41	ng	# 96
37) 2-Methylnaphthalene	12.58	142	222076	39.59	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	138575	36.71	ng	# 100
40) Hexachlorocyclopentadiene	12.93	237	158040	73.43	ng	# 100

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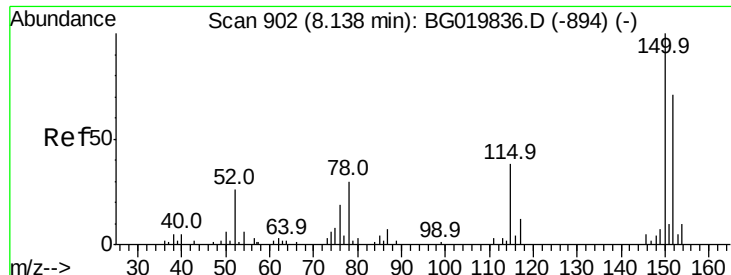
Manual Integrations
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 12/7/2015 6:29:48 PM

Quant Time: Dec 07 04:57:41 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	96251	38.51	nq	100
43) 2,4,5-Trichlorophenol	13.25	196	109143	41.32	nq	97
45) 1,1'-Biphenyl	13.58	154	296751	36.35	nq	99
46) 2-Chloronaphthalene	13.63	162	238976	37.98	nq	95
47) 2-Nitroaniline	13.82	65	88221	44.39	nq	89
48) Acenaphthylene	14.47	152	401077	37.42	nq	98
49) Dimethylphthalate	14.20	163	328772	36.74	nq	99
50) 2,6-Dinitrotoluene	14.31	165	72578	43.14	nq	# 78
51) Acenaphthene	14.81	154	249772	38.41	nq	99
52) 3-Nitroaniline	14.64	138	58996	33.76	nq	98
53) 2,4-Dinitrophenol	14.84	184	84546	92.77	nq	# 81
54) Dibenzofuran	15.14	168	400589	41.41	nq	93
55) 4-Nitrophenol	14.94	139	128568	84.47	nq	# 71
56) 2,4-Dinitrotoluene	15.10	165	106738	45.48	nq	# 88
57) Fluorene	15.79	166	326589	37.71	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	107974	44.17	nq	97
59) Diethylphthalate	15.55	149	347060	35.84	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	179420	36.09	nq	96
61) 4-Nitroaniline	15.81	138	81622	41.52	nq	# 76
62) Azobenzene	16.07	77	331542	41.15	nq	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	63472	45.22	nq	91
65) n-Nitrosodiphenylamine	16.00	169	297919	40.83	nq	98
66) 4-Bromophenyl-phenylether	16.68	248	120645	38.51	nq	98
67) Hexachlorobenzene	16.79	284	127798	39.16	nq	97
68) Atrazine	16.94	200	107395	33.88	nq	96
69) Pentachlorophenol	17.14	266	168463	88.44	nq	93
70) Phenanthrene	17.53	178	565555	39.65	nq	97
71) Anthracene	17.62	178	572101	39.37	nq	97
72) Carbazole	17.89	167	510262	39.86	nq	97
73) Di-n-butylphthalate	18.45	149	615343	39.22	nq	99
74) Fluoranthene	19.53	202	712051	39.02	nq	95
76) Benzidine	19.71	184	296776	29.87	nq	98
77) Pyrene	19.89	202	726070	40.80	nq	97
79) Butylbenzylphthalate	20.77	149	285394	40.92	nq	98
80) Benzo(a)anthracene	21.74	228	739414	39.94	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	207861	29.48	nq	98
82) Chrysene	21.81	228	673779	38.33	nq	96
83) Bis(2-ethylhexyl)phthalate	21.65	149	415268	40.57	nq	96
84) Di-n-octyl phthalate	22.89	149	705696	42.41	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	829594	42.84	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	723814	40.60	nq	# 95
88) Benzo(k)fluoranthene	24.07	252	696101	39.42	nq	# 96
89) Benzo(a)pyrene	24.89	252	690669	40.81	nq	# 95
90) Dibenzo(a,h)anthracene	28.87	278	675507	40.40	nq	# 95
91) Benzo(g,h,i)perylene	29.98	276	678779	41.34	nq	# 93

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



#1

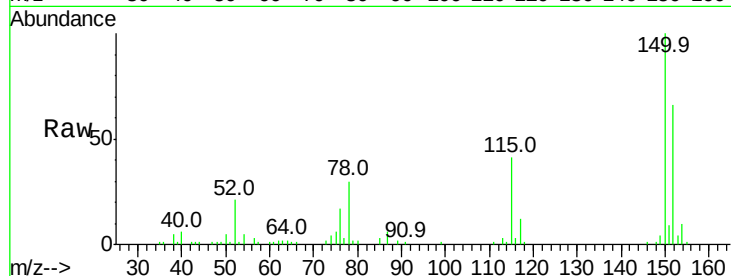
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
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PB87014BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	115.0	172.4
115	62.9	43.9	65.9

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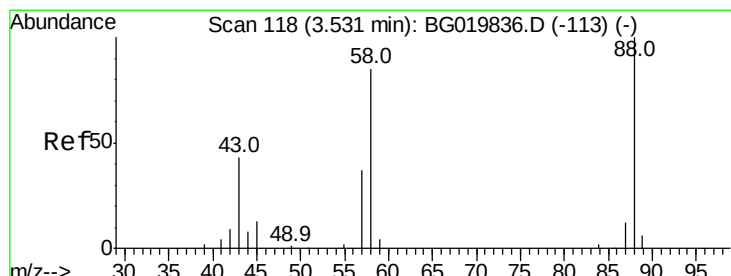
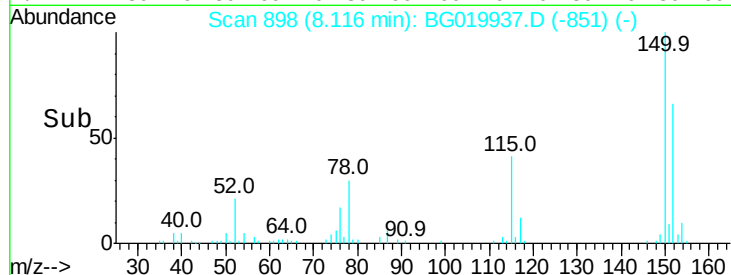
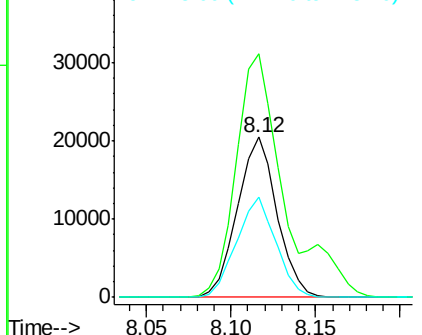


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

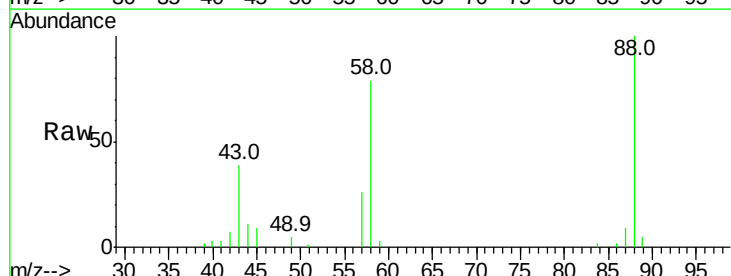
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.03 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	0.0	0.0#
43	37.3	0.0	0.0#

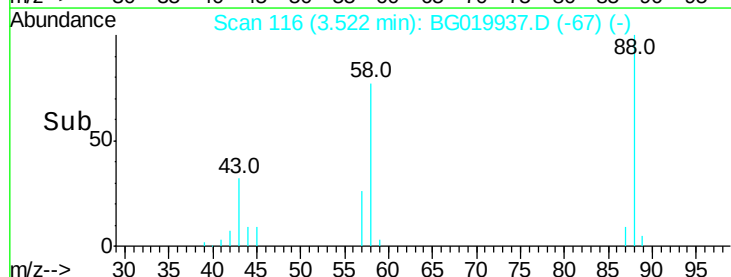
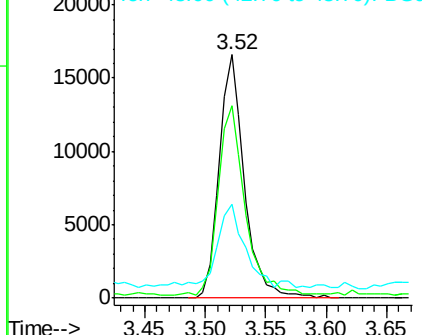


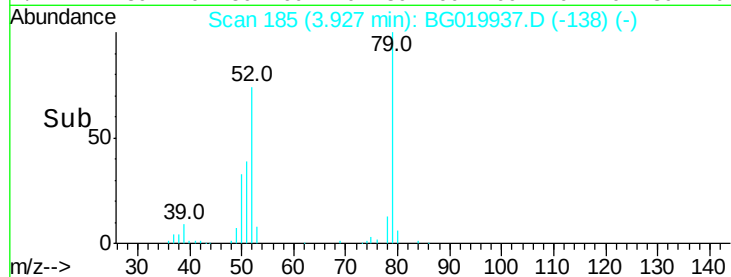
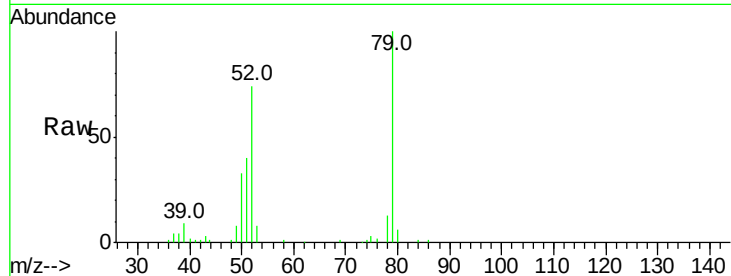
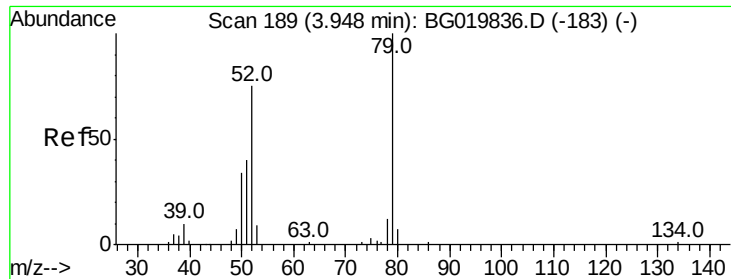
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





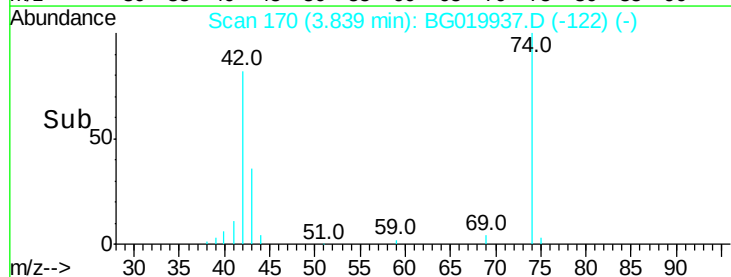
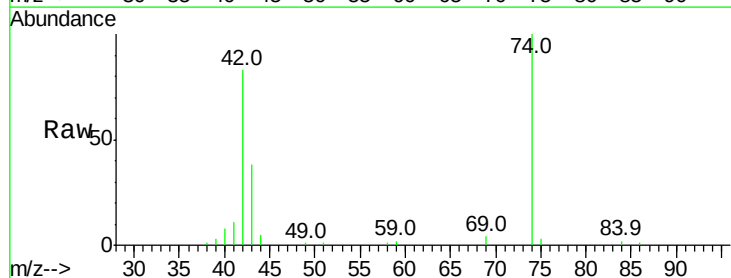
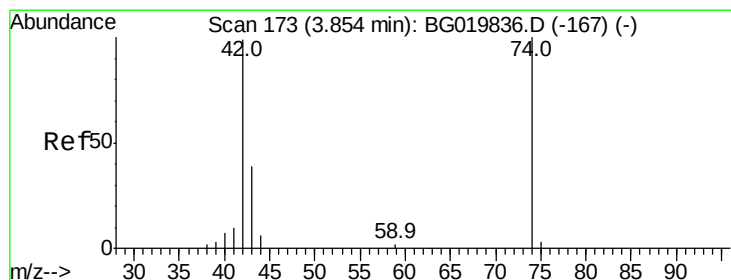
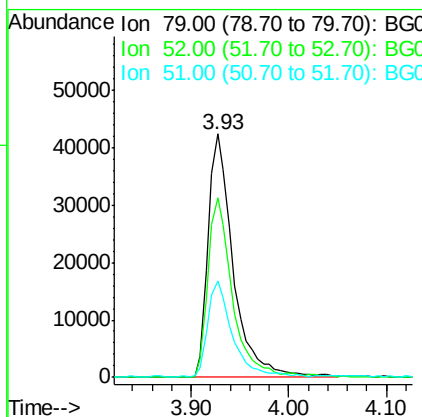
#3
 Pvridine
 Concen: 34.67 ng
 RT: 3.93 min Scan# 185
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Manual Integrations
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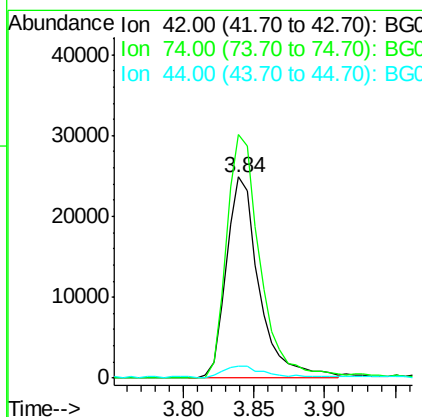
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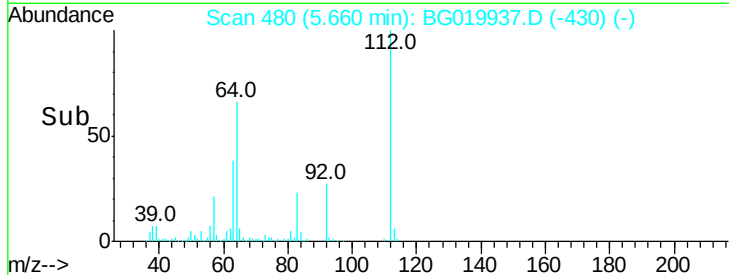
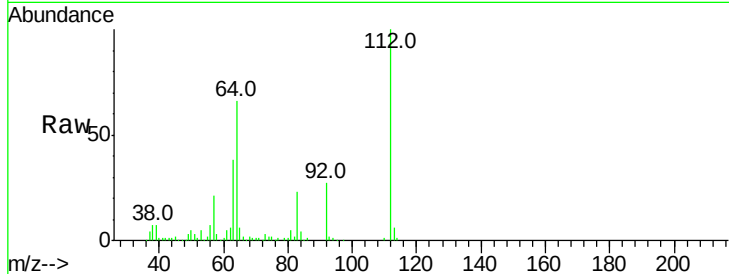
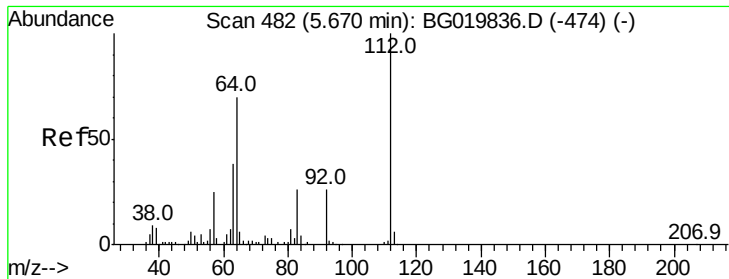
Tot Ion	Ratio	Lower	Upper
79	100		
52	74.0	50.3	75.5
51	39.6	24.8	37.2#



#4
 n-Nitrosodimethylamine
 Concen: 35.03 ng
 RT: 3.84 min Scan# 170
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.1	113.9	170.9
44	6.1	5.7	8.5





#5

2-Fluorophenol

Concen: 89.66 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tot Ion	Ratio	Resp	Lower	Upper
112	100	165781		
64	65.5	43.7	65.5#	
63	37.7	24.0	36.0#	

Instrument :

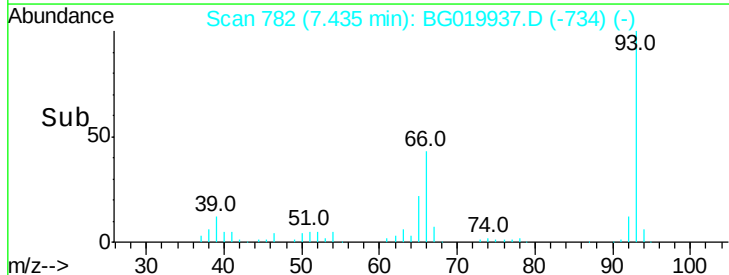
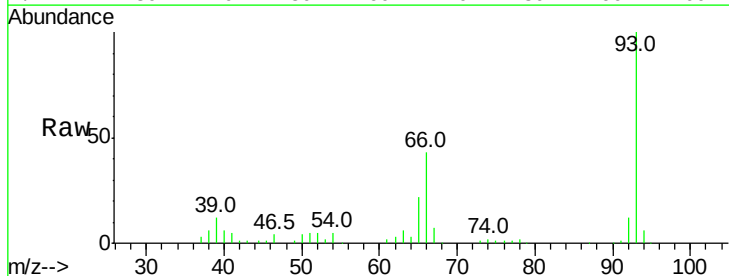
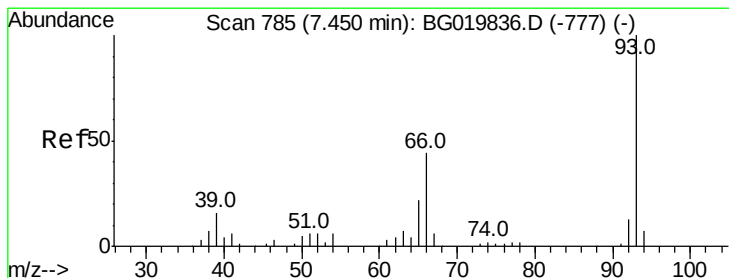
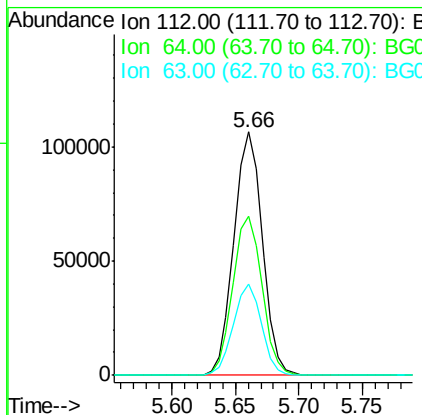
BNA_G

ClientSampleId :

PB87014BSD

Manual Integrations
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#6

Aniline

Concen: 28.56 ng

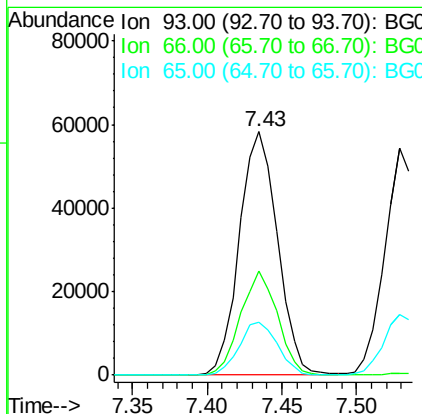
RT: 7.43 min Scan# 782

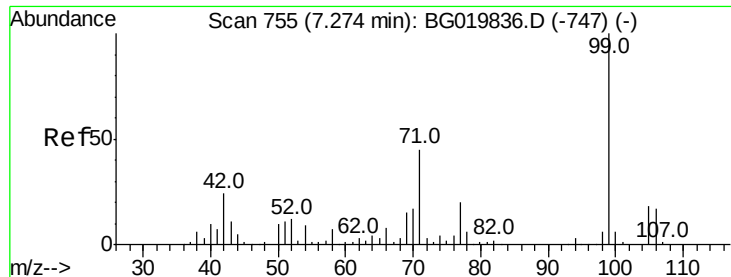
Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	103262		
66	43.0	26.2	39.2#	
65	21.8	14.0	21.0#	





#7

Phenol-d6

Concen: 87.14 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

ClientSampleId :

PB87014BSD

Tot Ion: 99 Resp: 243271

Ion Ratio Lower Upper

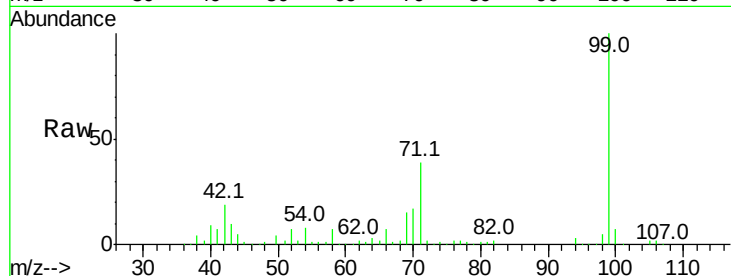
99 100

42 19.1 11.5 17.3#

71 39.5 22.6 34.0#

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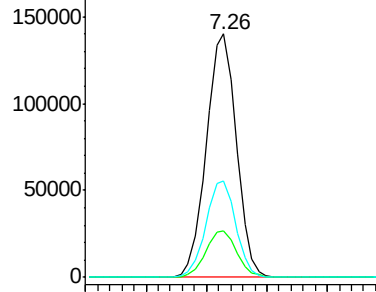
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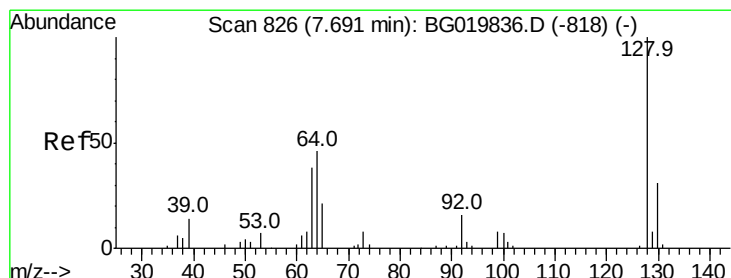
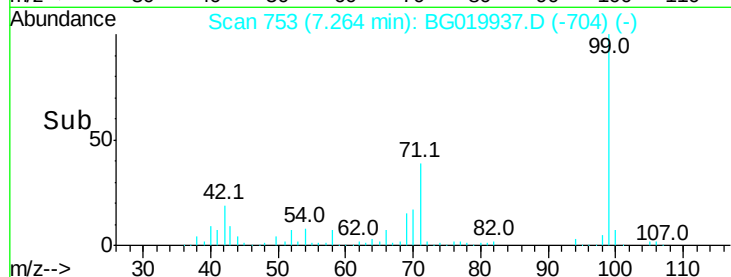
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time--> 7.15 7.20 7.25 7.30 7.35



#8

2-Chlorophenol

Concen: 41.08 ng

RT: 7.68 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

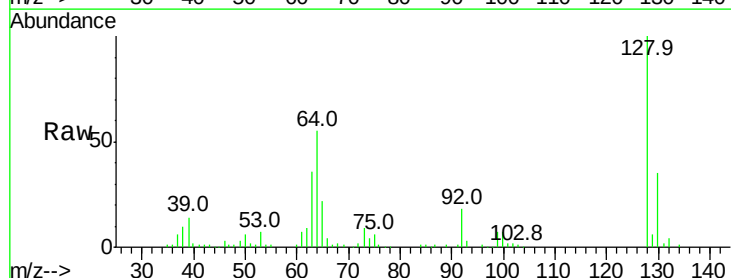
Tgt Ion: 128 Resp: 92620

Ion Ratio Lower Upper

128 100

130 34.6 13.0 53.0

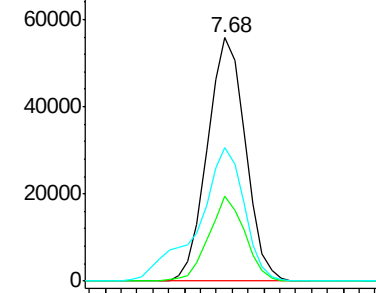
64 55.0 28.2 68.2



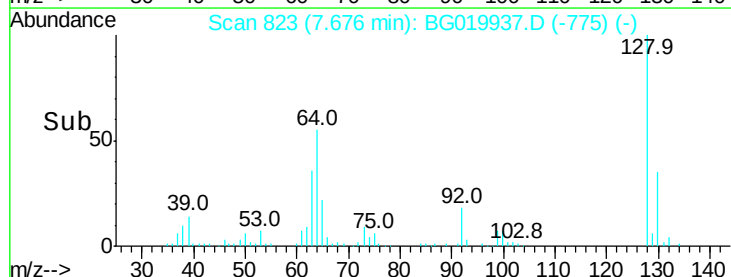
Abundance Ion 128.00 (127.70 to 128.70): BGC

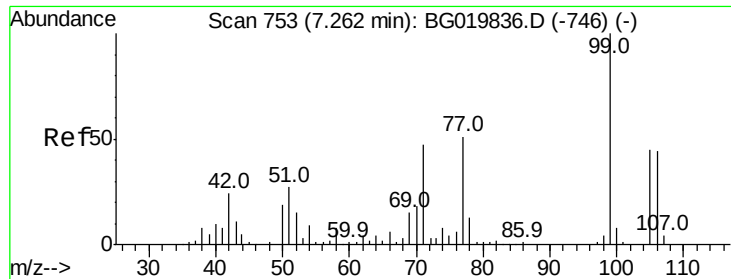
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time--> 7.60 7.65 7.70 7.75





#9

Benzaldehyde

Concen: 10.43 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

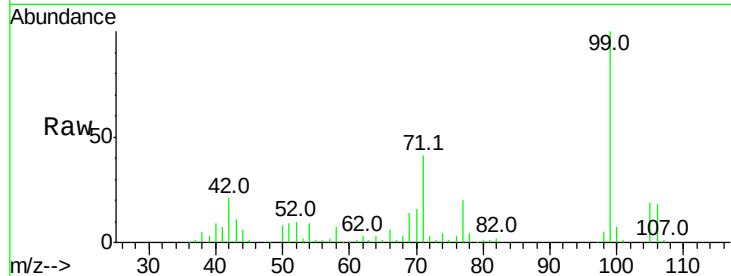
ClientSampleId :

PB87014BSD

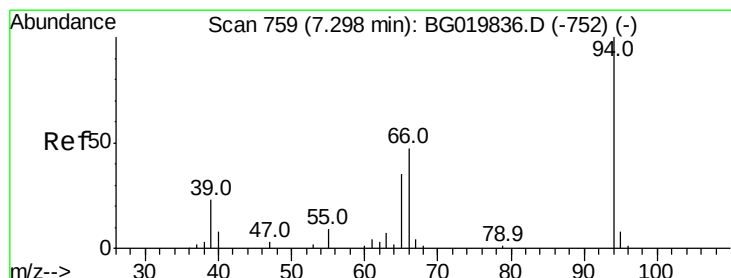
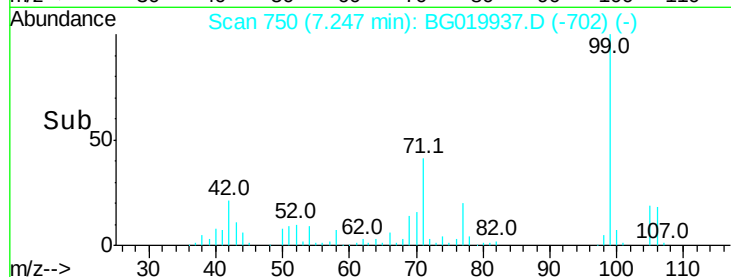
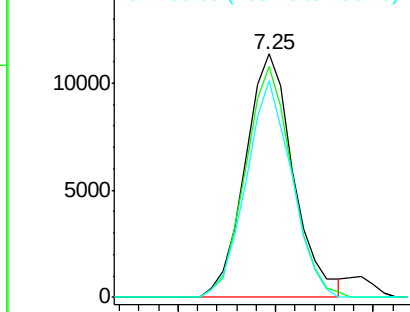
Manual Integrations
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Tot Ion:	77	Resp:	19416
Ion	Ratio	Lower	Upper
77	100		
105	94.8	77.7	117.7
106	89.2	75.8	115.8



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: 43.15 ng

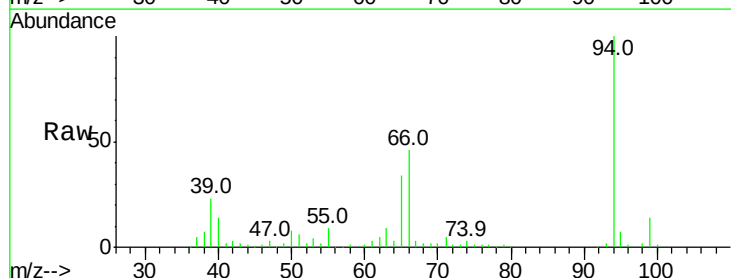
RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

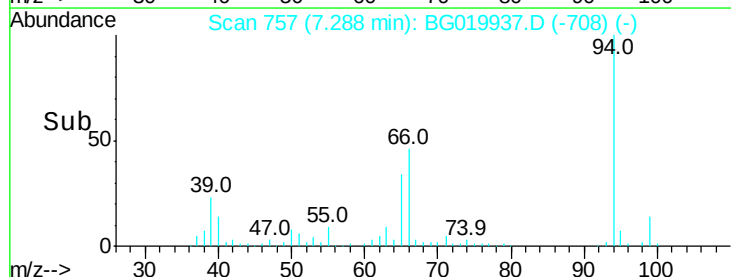
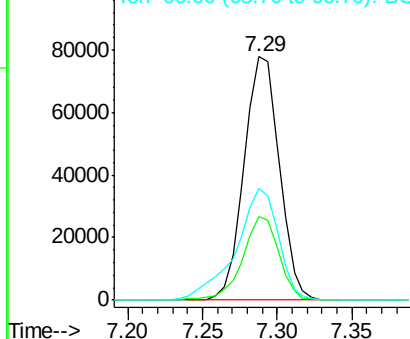
Lab File: BG019937.D

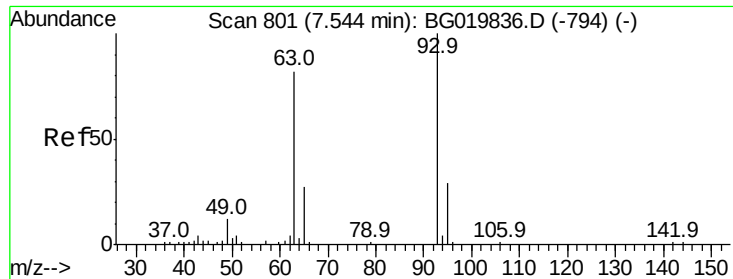
Acq: 5 Dec 2015 11:52

Tgt Ion:	94	Resp:	126794
Ion	Ratio	Lower	Upper
94	100		
65	34.2	5.4	45.4
66	46.0	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





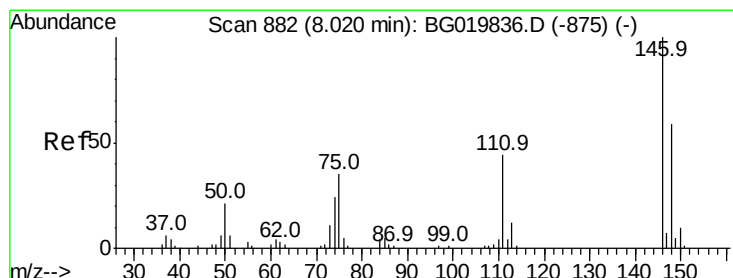
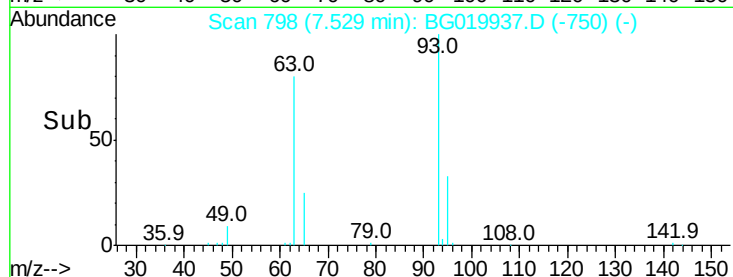
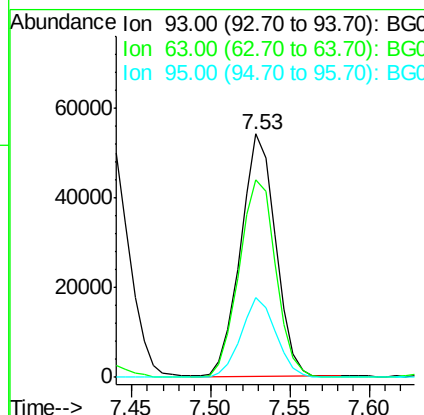
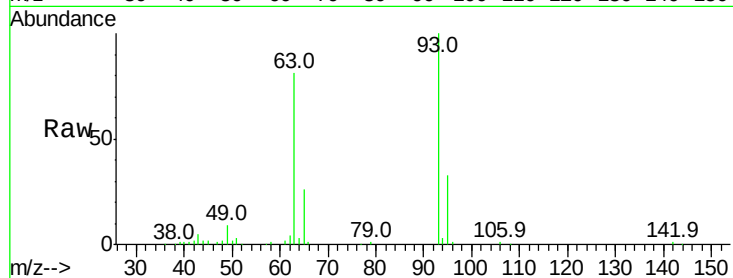
#11
bis(2-Chloroethyl)ether
Concen: 38.23 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.1	50.5	90.5
95	32.9	12.2	52.2

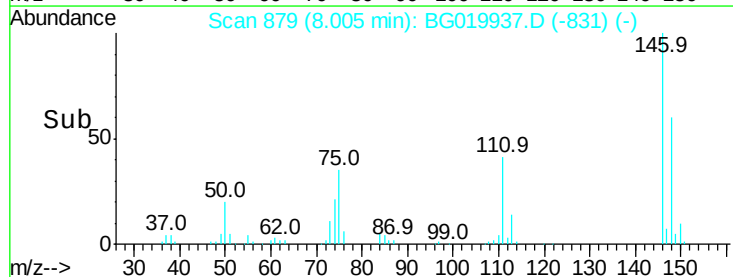
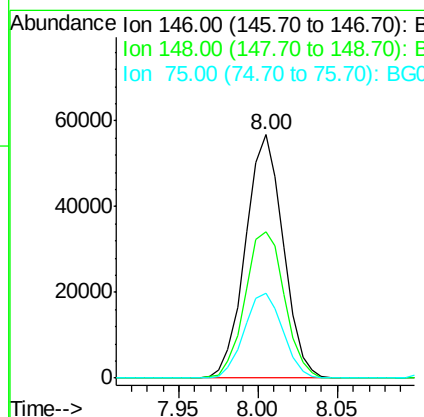
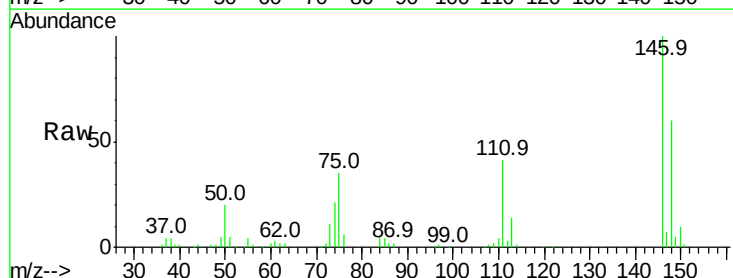
Manual Integrations
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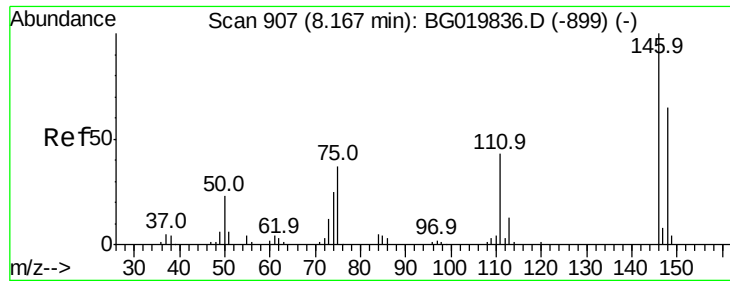
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12/7/2015 6:29:48 PM



#12
1,3-Dichlorobenzene
Concen: 36.73 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.3	53.4	80.0
75	34.9	21.1	31.7





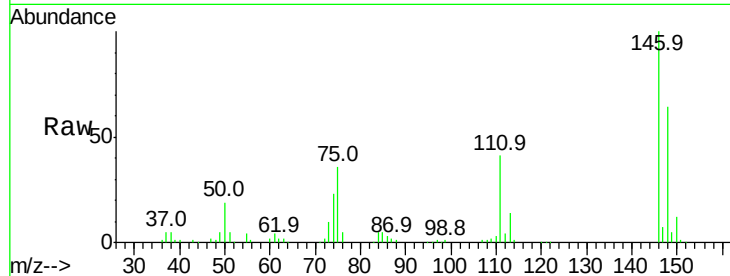
#13
 1,4-Dichlorobenzene
 Concen: 36.86 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.5	78.7
111	41.2	28.3	42.5

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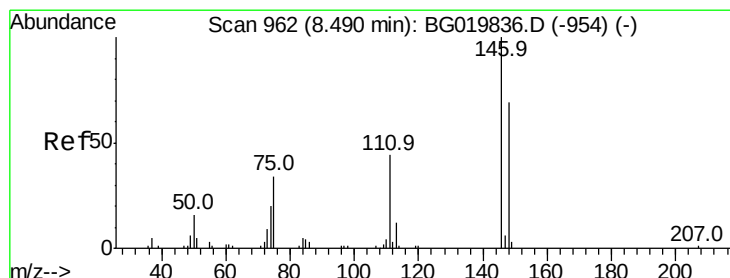
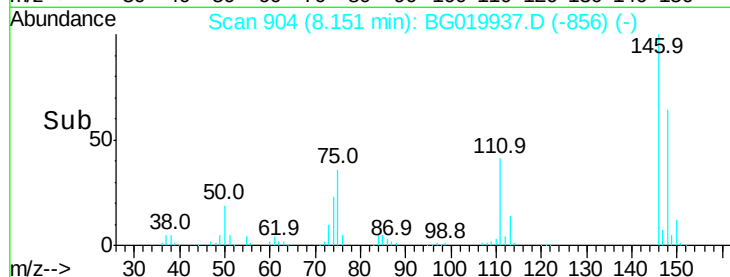
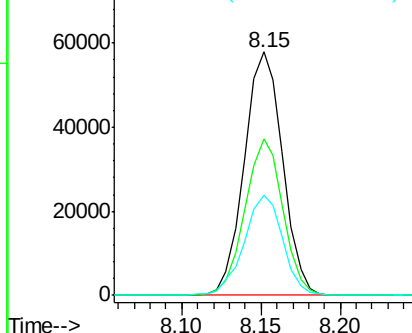


Abundance

Ion 146.00 (145.70 to 146.70): E

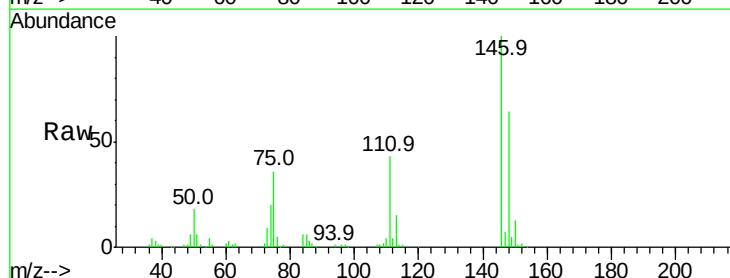
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.97 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.5	78.7
111	43.2	29.9	44.9

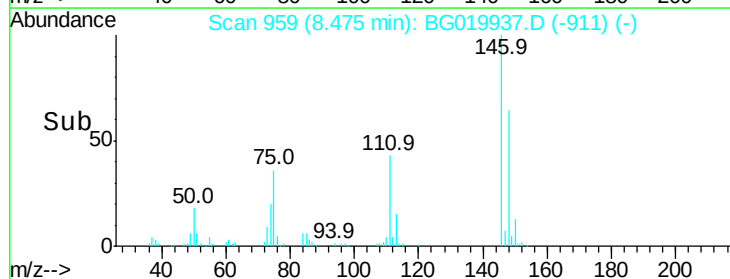
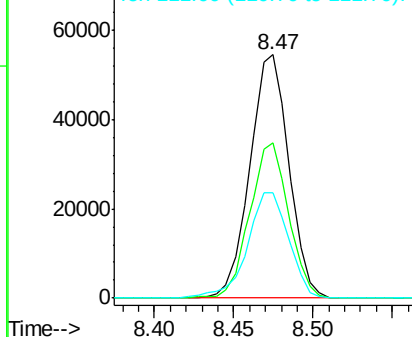


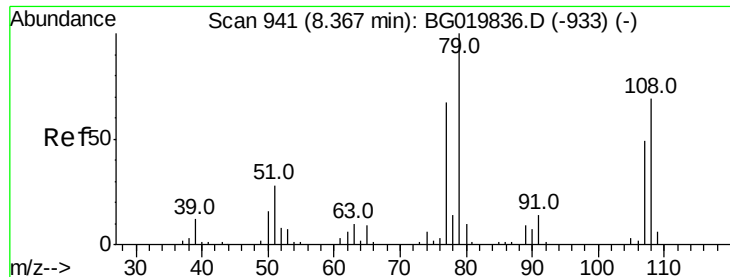
Abundance

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: 41.31 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

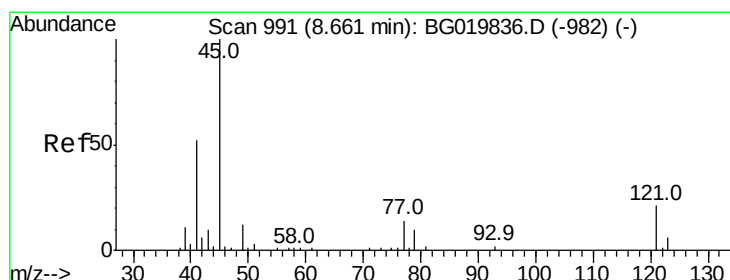
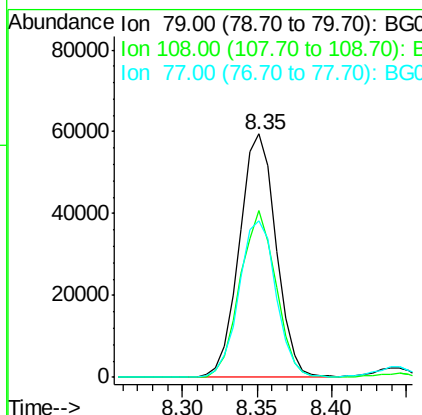
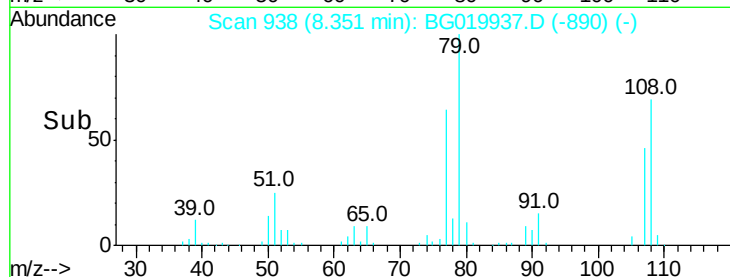
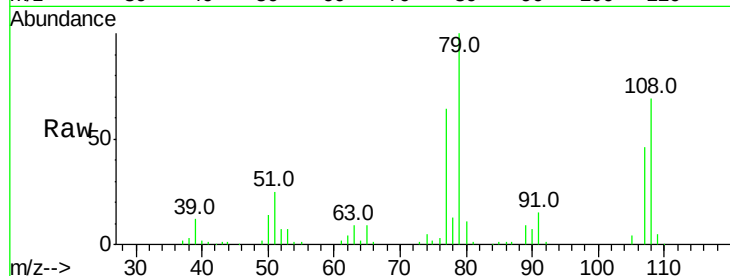
ClientSampleId :

PB87014BSD

Tot Ion:	79	Resp:	101206
Ion Ratio	Lower	Upper	
79	100		
108	68.6	65.5	98.3
77	64.2	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.99 ng

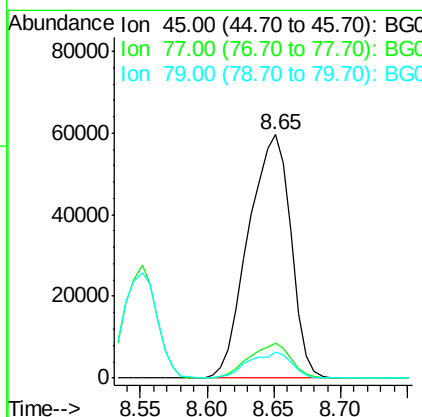
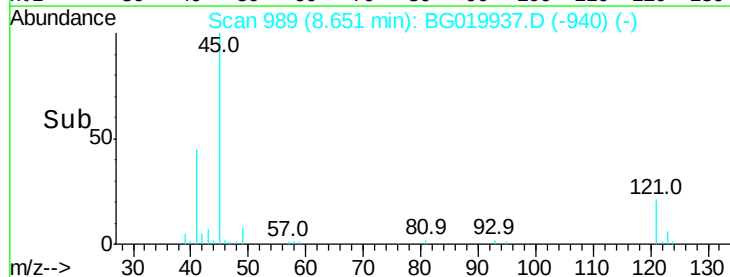
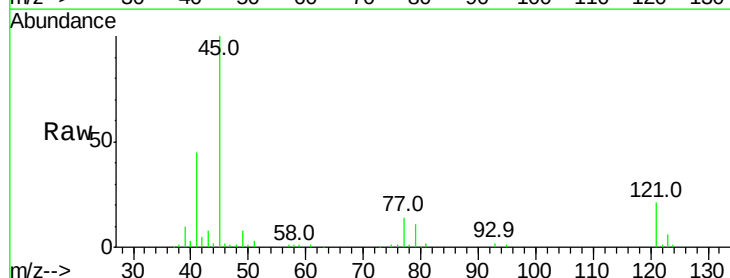
RT: 8.65 min Scan# 989

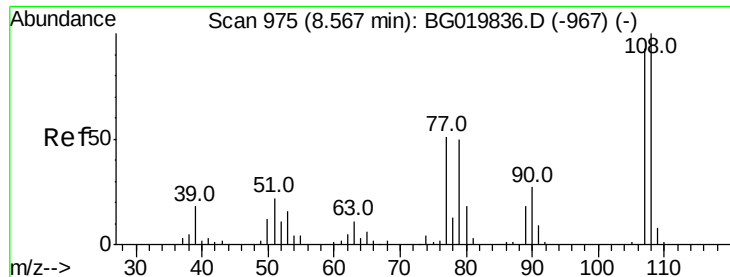
Delta R.T. -0.01 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion:	45	Resp:	131263
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	37.0
79	10.8	0.0	33.8





#17

2-Methylphenol

Concen: 41.80 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

ClientSampleId :

PB87014BSD

Tot Ion:107 Resp: 86697

Ion Ratio Lower Upper

107 100

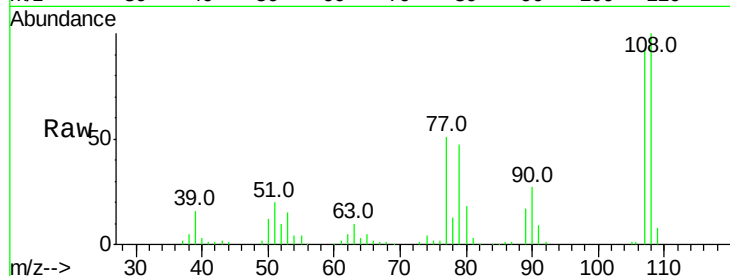
108 107.8 86.5 129.7

77 55.0 34.6 51.8#

79 51.0 32.3 48.5#

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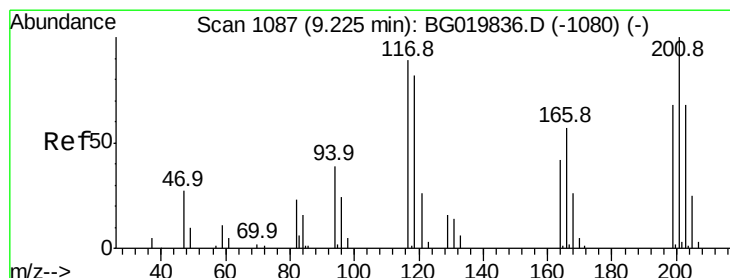
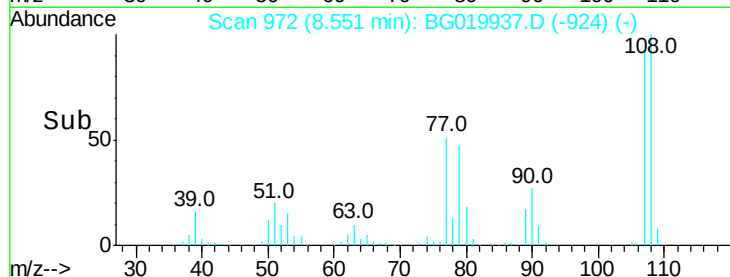
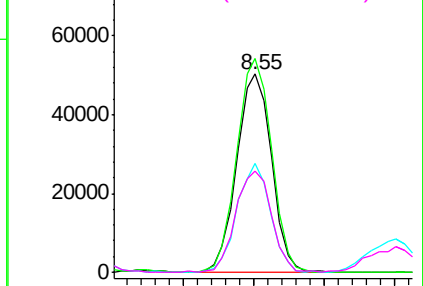
Abundance

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: 36.21 ng

RT: 9.21 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

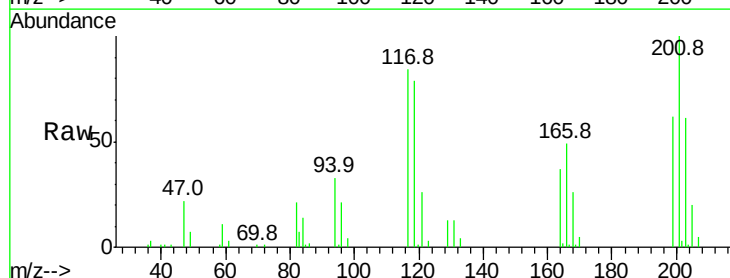
Tgt Ion:117 Resp: 35791

Ion Ratio Lower Upper

117 100

119 93.4 71.7 107.5

201 121.9 90.9 136.3

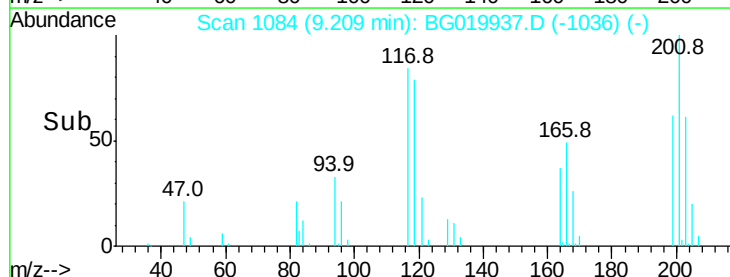
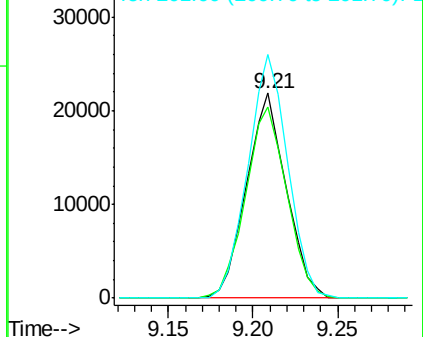


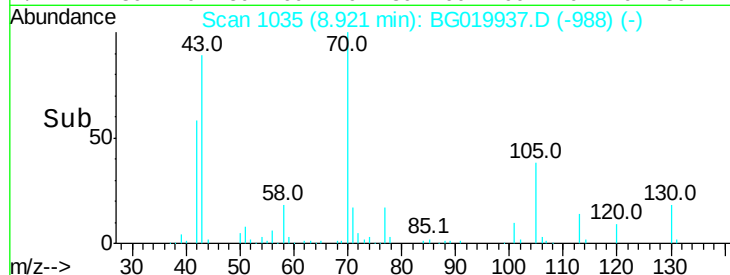
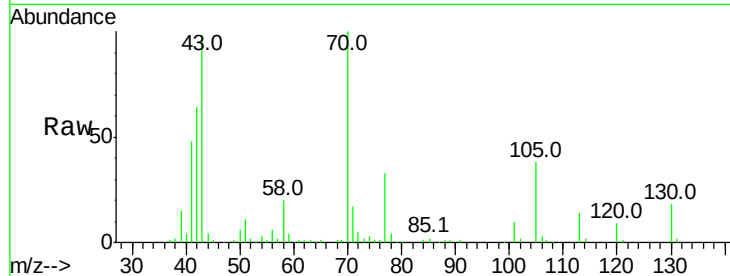
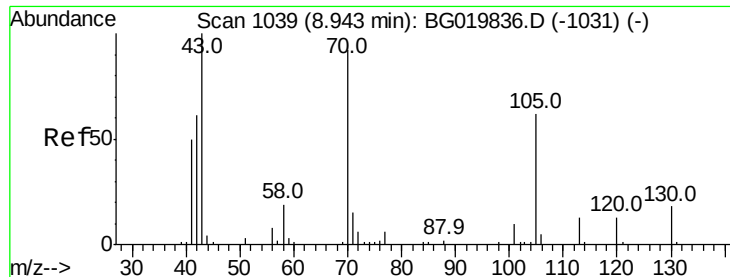
Abundance

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





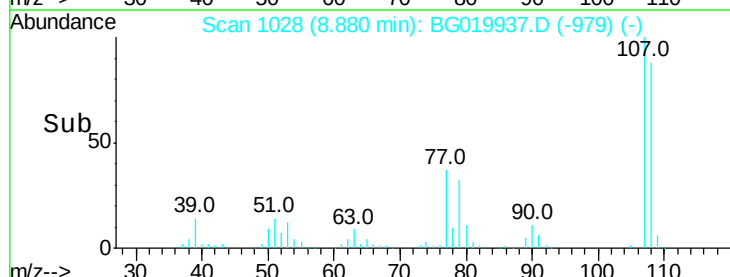
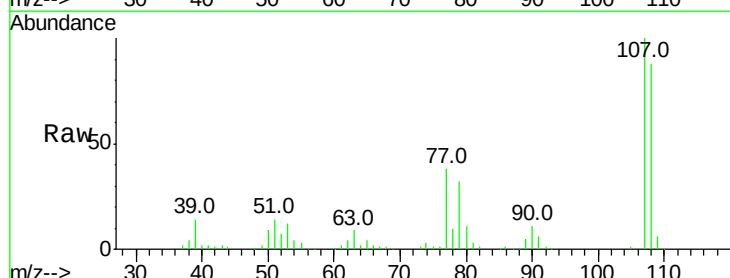
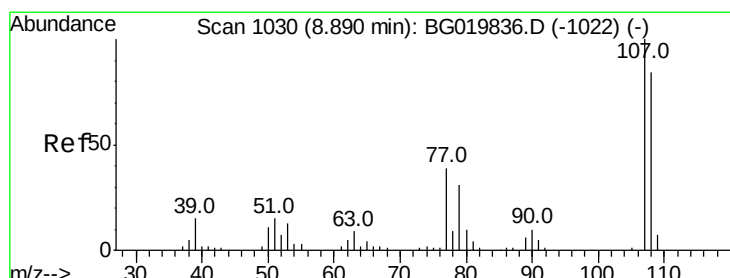
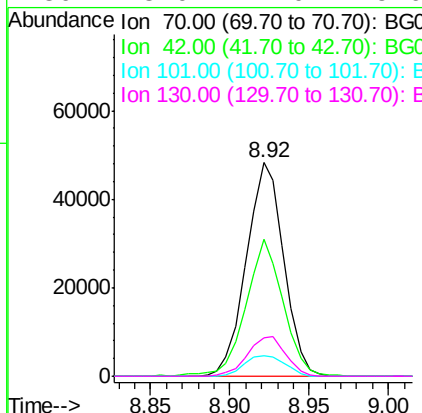
#19
n-Nitroso-di-n-propylamine
Concen: 35.82 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

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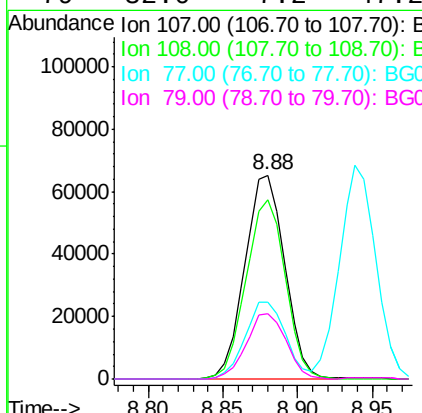
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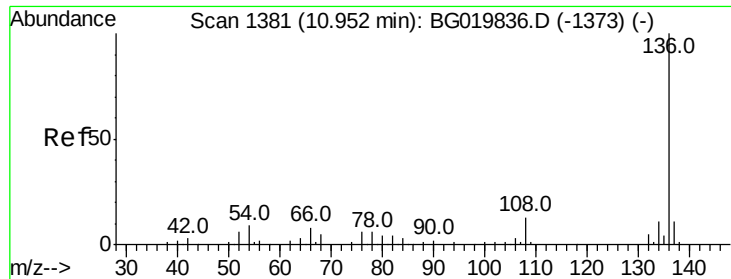
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.2	40.6	60.8#	
101	9.7	8.6	13.0	
130	18.0	17.0	25.6	



#20
3+4-Methylphenols
Concen: 41.31 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	72.2	112.2	
77	37.6	13.4	53.4	
79	32.0	7.2	47.2	





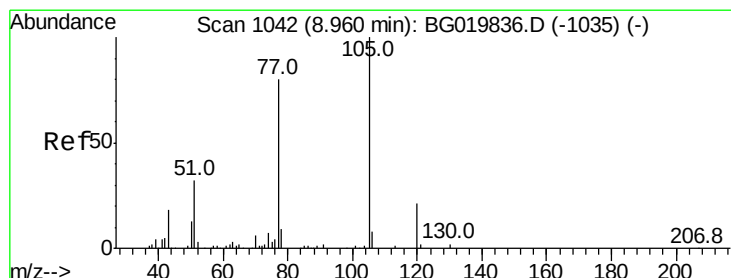
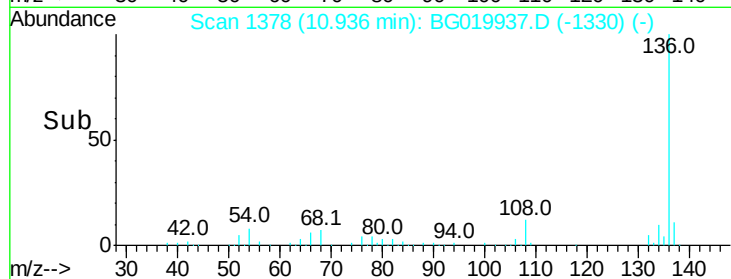
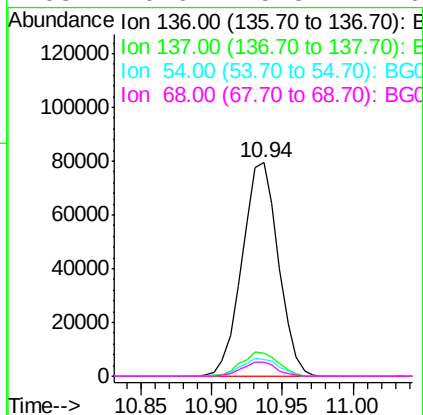
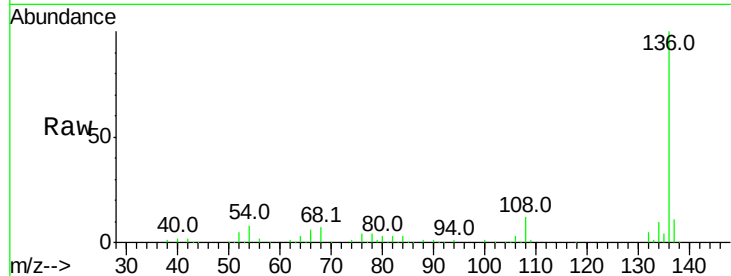
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	142895		
137	11.0	8.6	12.8	
54	8.1	5.4	8.2	
68	6.6	5.3	7.9	

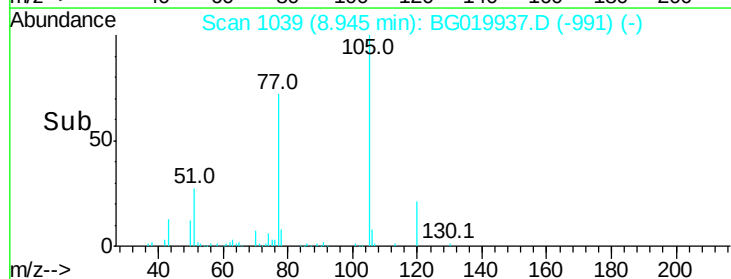
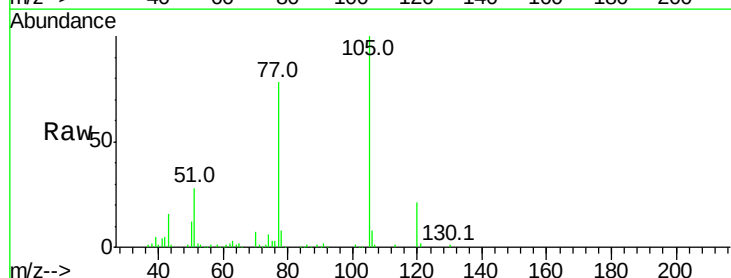
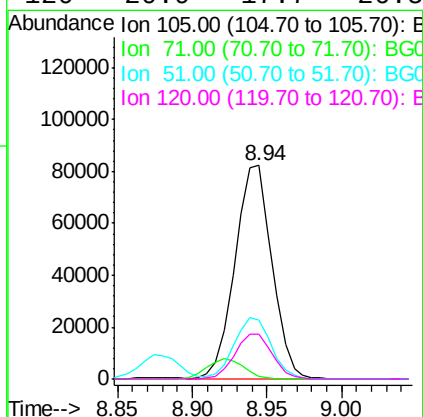
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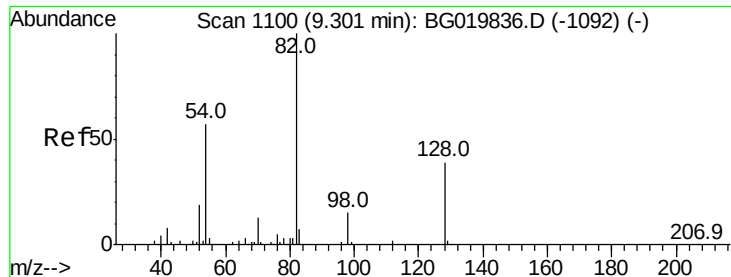
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#22
Acetophenone
Concen: 36.28 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	142099		
71	1.3	2.1	3.1#	
51	27.7	17.8	26.8#	
120	20.9	17.7	26.5	





#23

Nitrobenzene-d5

Concen: 82.88 ng

RT: 9.29 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

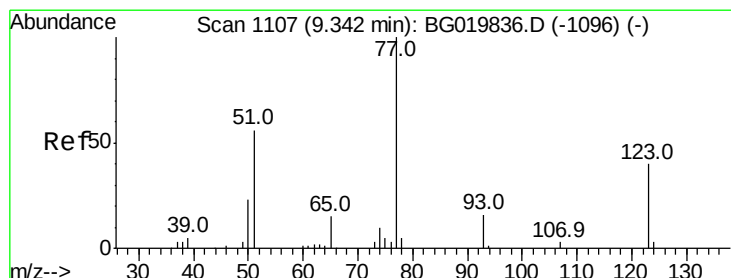
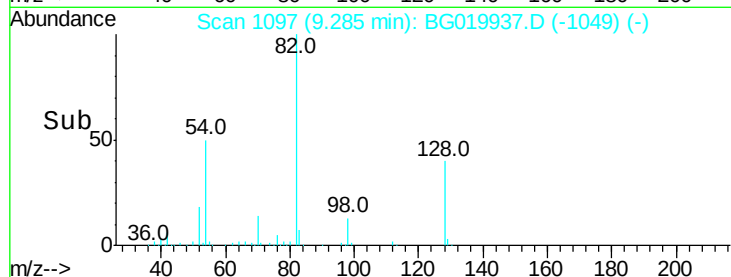
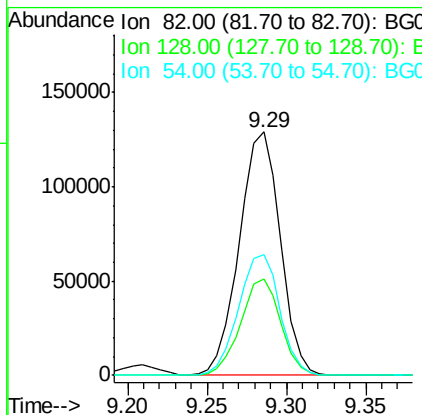
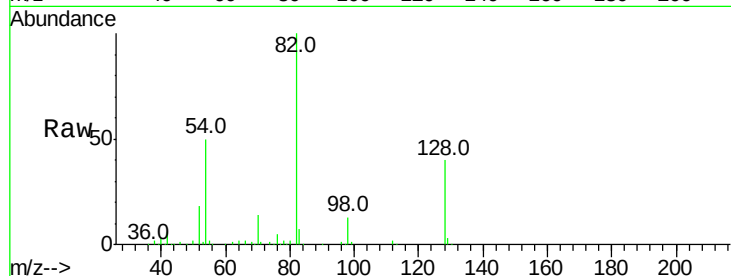
ClientSampleId :

PB87014BSD

Tot Ion:	82	Resp:	232070
Ion Ratio	Lower	Upper	
82	100		
128	39.8	36.7	55.1
54	49.6	33.8	50.8

Manual Integrations
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12/7/2015 6:29:48 PM



#24

Nitrobenzene

Concen: 39.75 ng

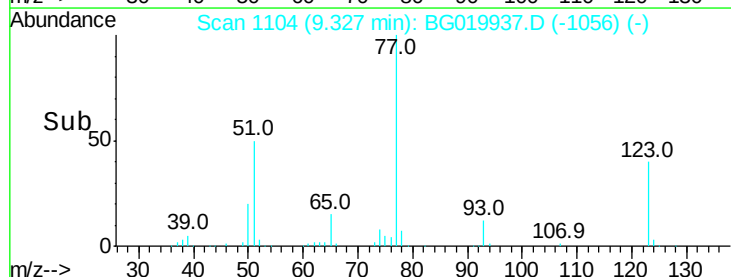
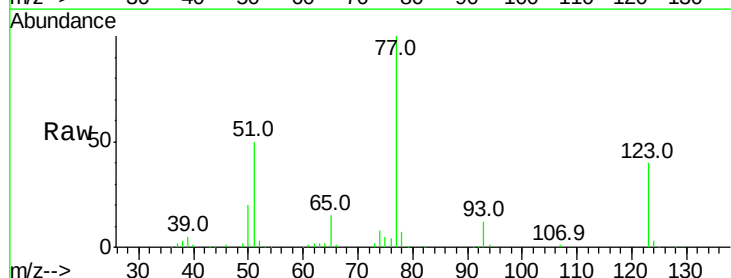
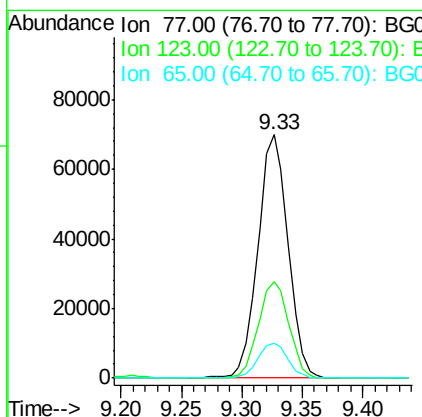
RT: 9.33 min Scan# 1104

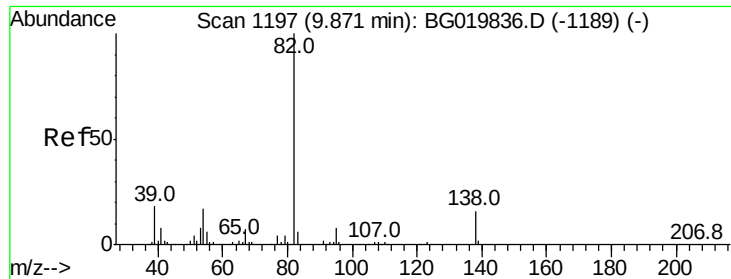
Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion:	77	Resp:	120720
Ion Ratio	Lower	Upper	
77	100		
123	39.5	38.2	57.2
65	14.6	10.6	16.0





#25

Isophorone

Concen: 36.05 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

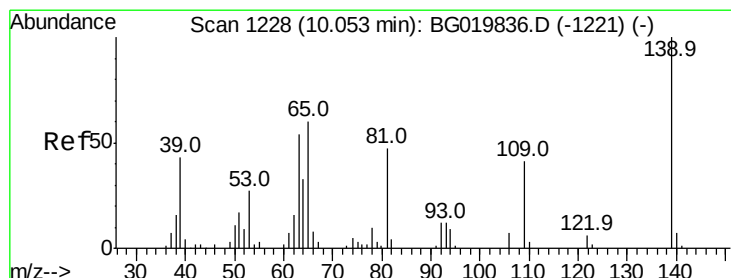
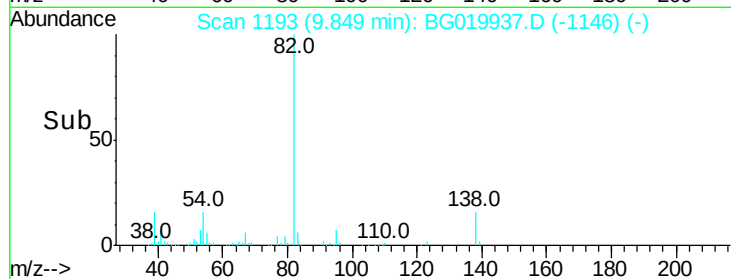
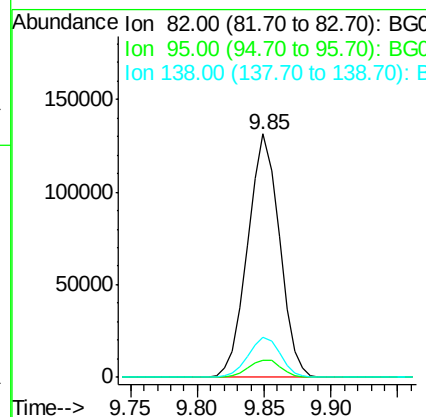
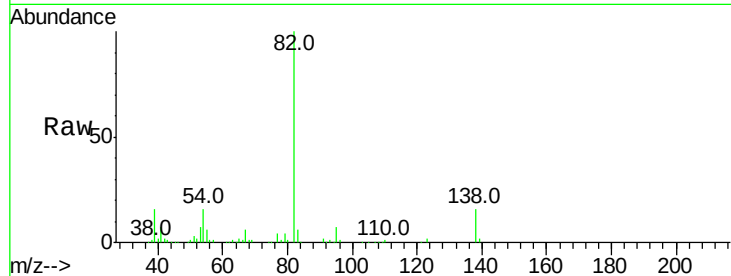
ClientSampleId :

PB87014BSD

Tot Ion:	82	Resp:	216392
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	16.3	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.70 ng

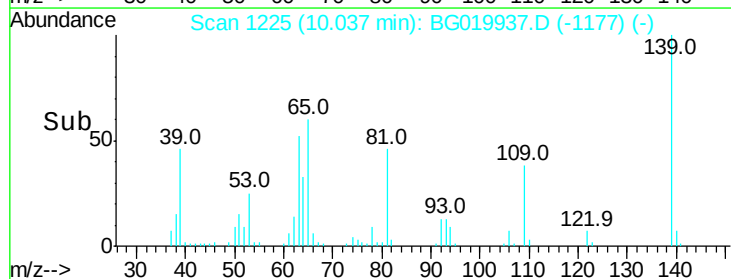
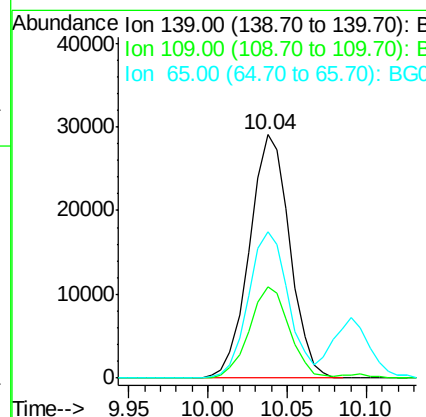
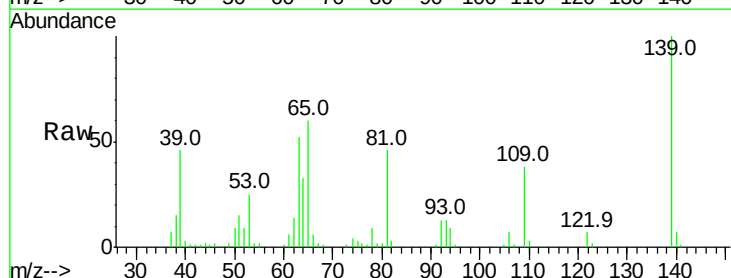
RT: 10.04 min Scan# 1225

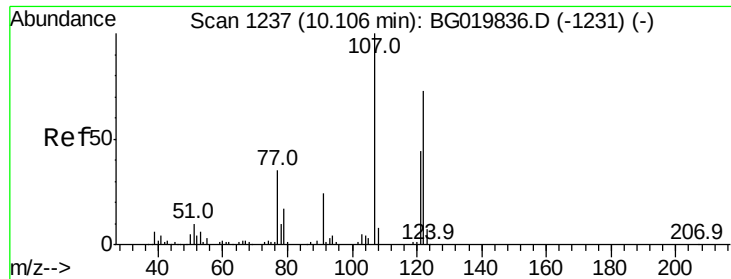
Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion:	139	Resp:	51262
Ion Ratio	Lower	Upper	
139	100		
109	37.7	20.1	30.1#
65	60.2	34.1	51.1#





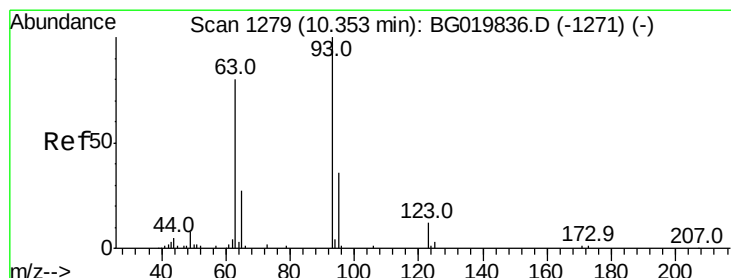
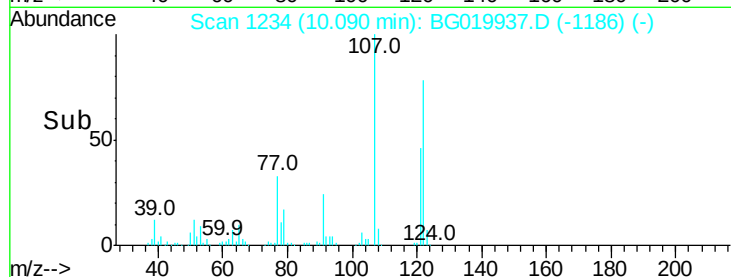
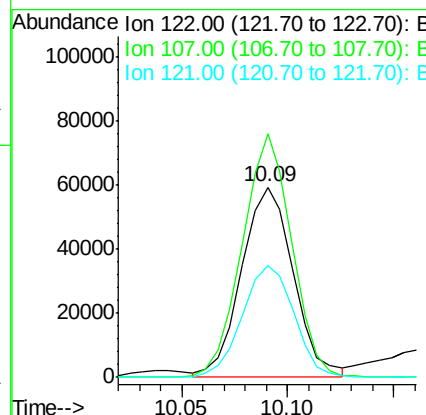
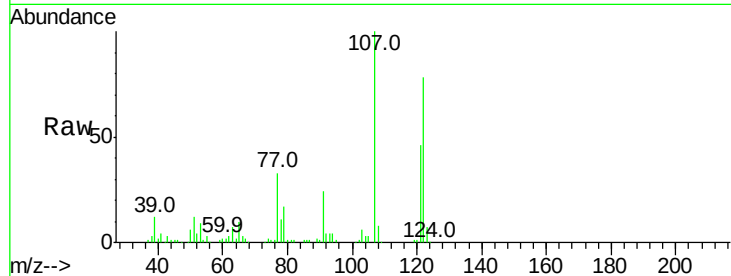
#27
 2,4-Dimethylphenol
 Concen: 41.14 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	100482		
107	127.8	91.6	137.4	
121	58.8	47.3	70.9	

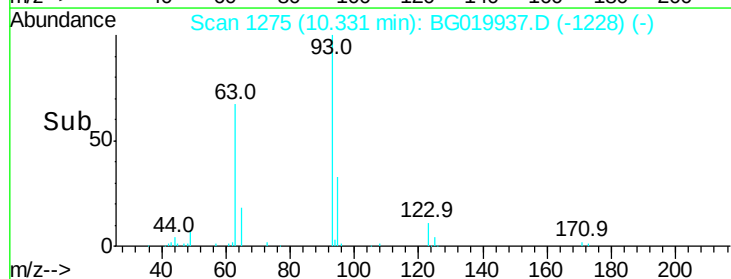
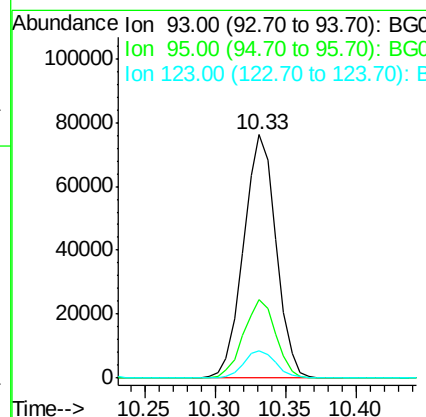
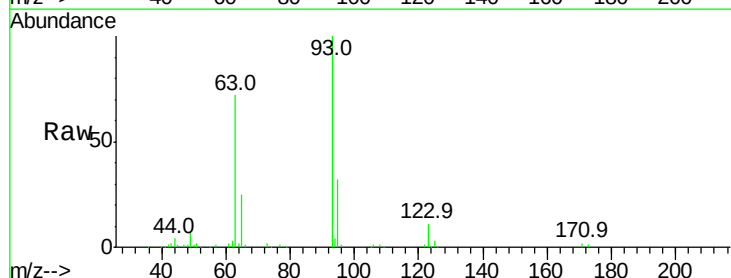
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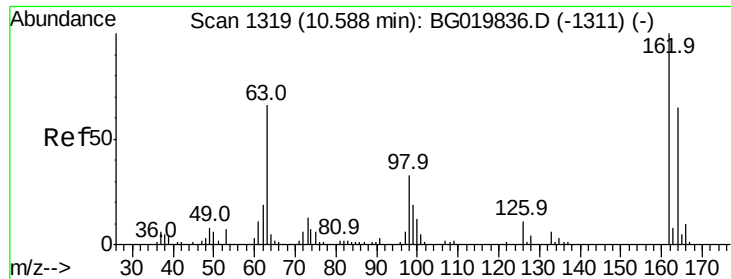
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.79 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	122586		
95	32.2	25.7	38.5	
123	11.1	8.6	12.8	





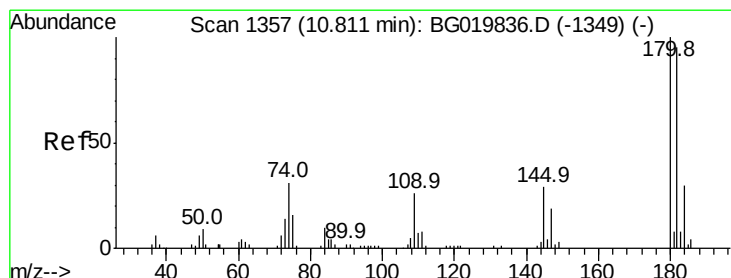
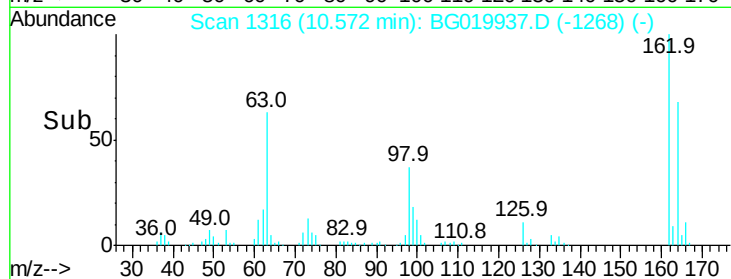
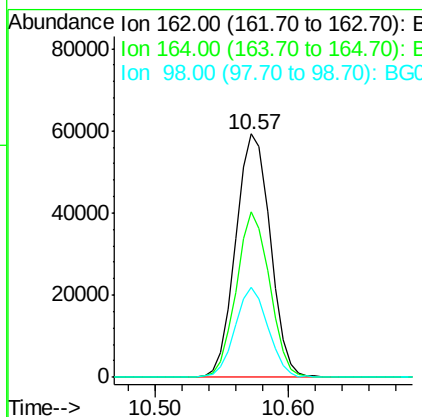
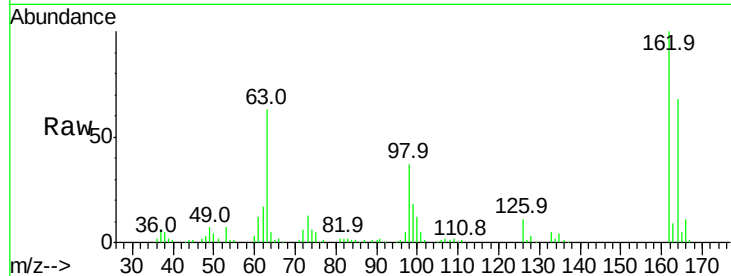
#29
 2,4-Dichlorophenol
 Concen: 42.61 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion:	162	Resp:	106342
Ion Ratio	Lower	Upper	
162	100		
164	67.8	42.3	82.3
98	36.7	11.5	51.5

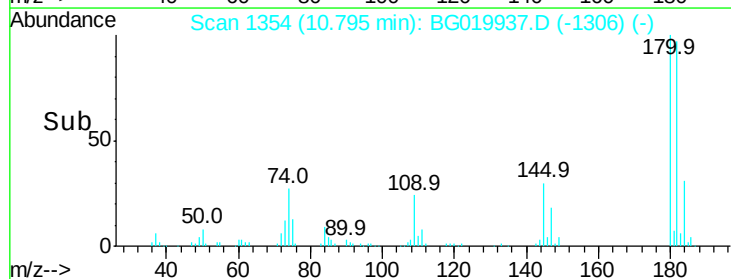
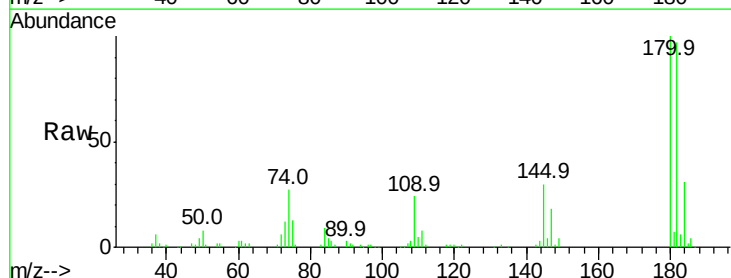
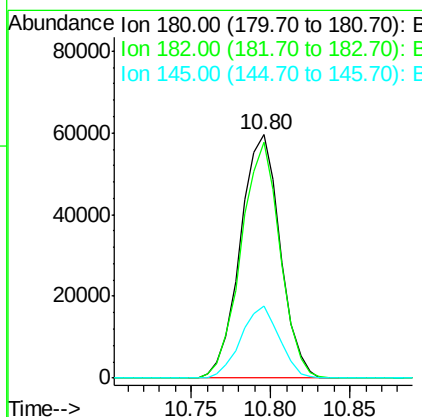
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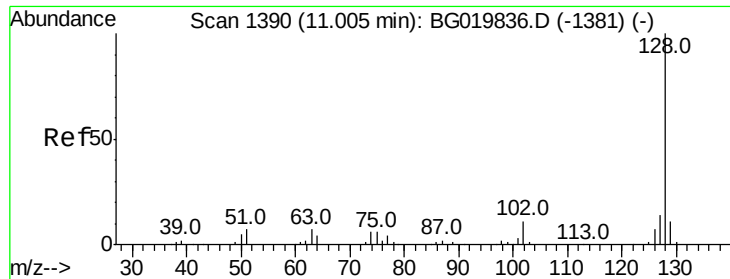
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.75 ng
 RT: 10.80 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion:	180	Resp:	103653
Ion Ratio	Lower	Upper	
180	100		
182	96.7	79.7	119.5
145	29.6	22.0	33.0





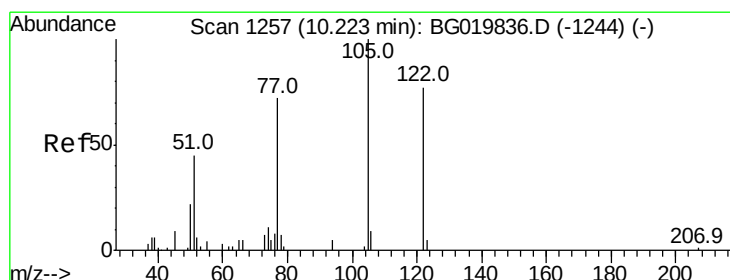
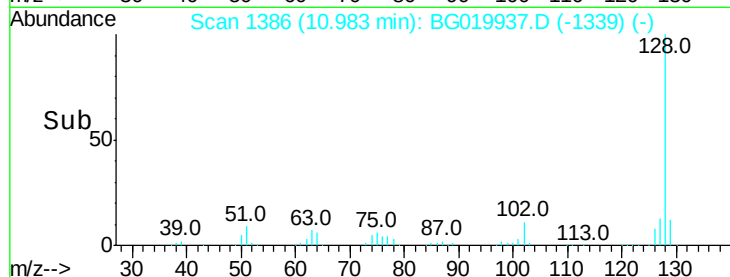
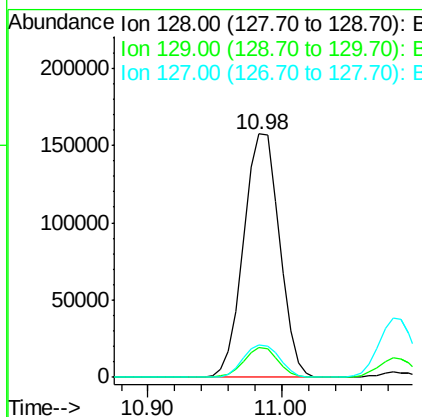
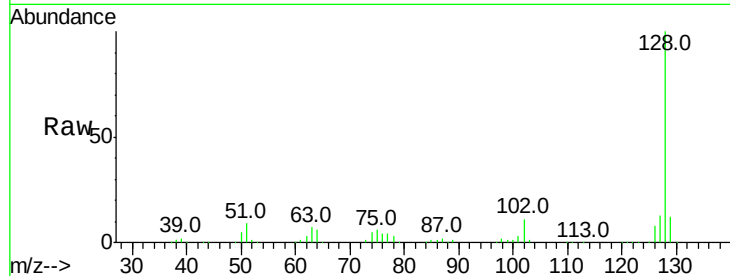
#31
Naphthalene
Concen: 38.13 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	291892		
129	12.3	8.5	12.7	
127	13.4	10.6	16.0	

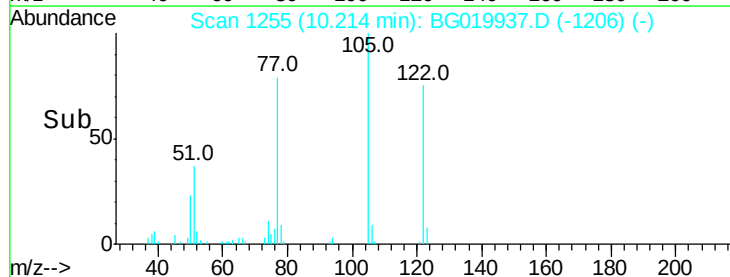
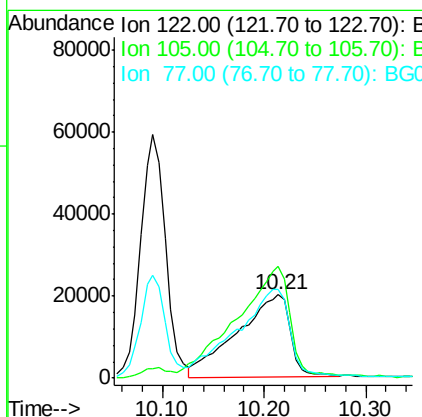
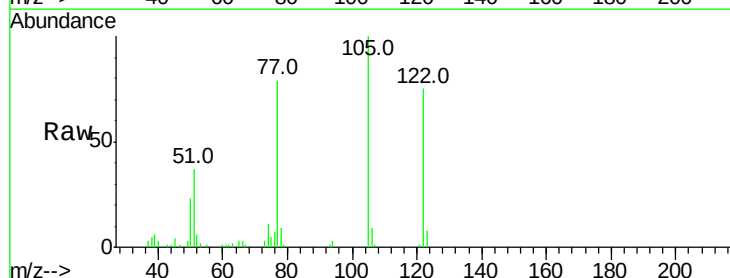
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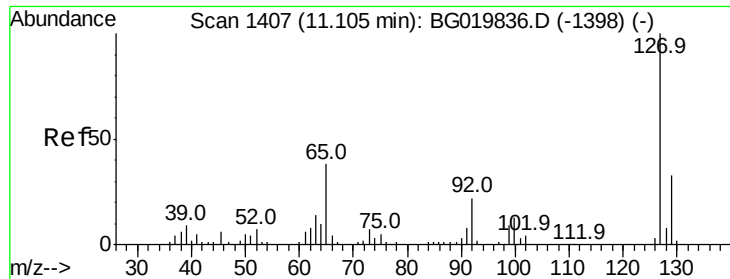
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#32
Benzoic acid
Concen: 44.90 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	73192		
105	133.4	103.8	143.8	
77	105.8	68.8	108.8	





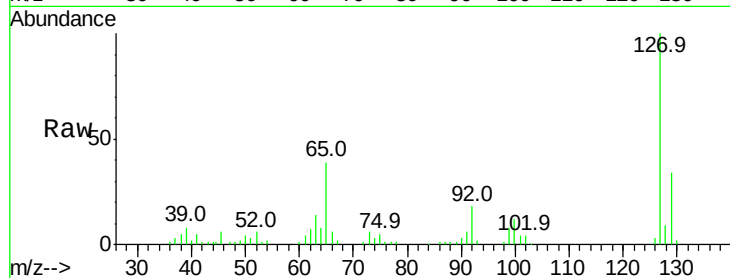
#33
4-Chloroaniline
Concen: 20.92 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampled :
PB87014BSD

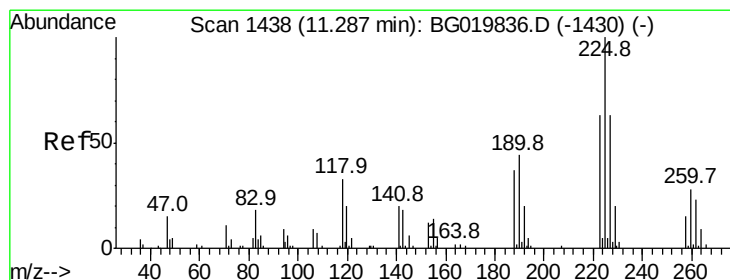
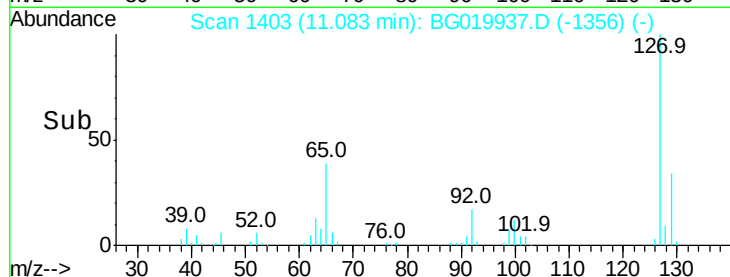
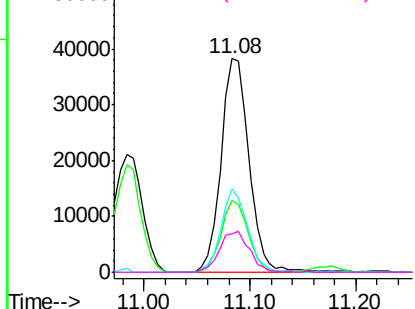
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	24.6	37.0
65	39.0	22.6	33.8
92	18.1	15.1	22.7

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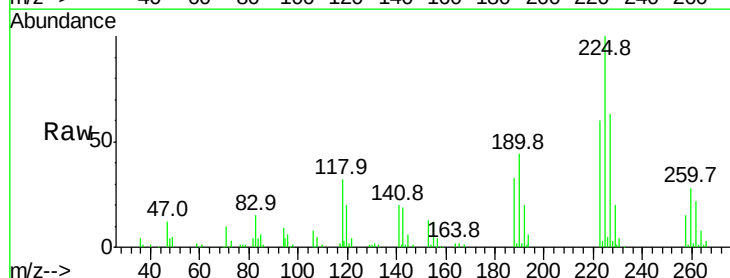


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

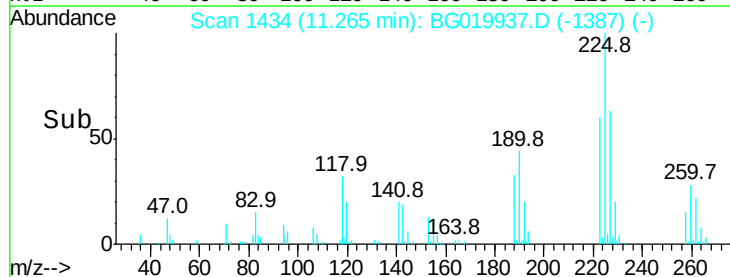
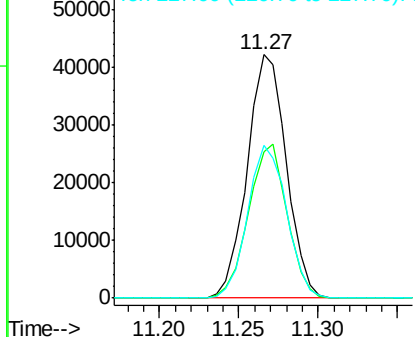


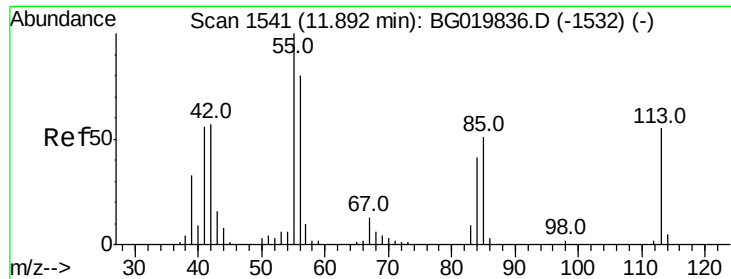
#34
Hexachlorobutadiene
Concen: 34.83 ng
RT: 11.27 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	51.0	76.4
227	62.6	51.8	77.8



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





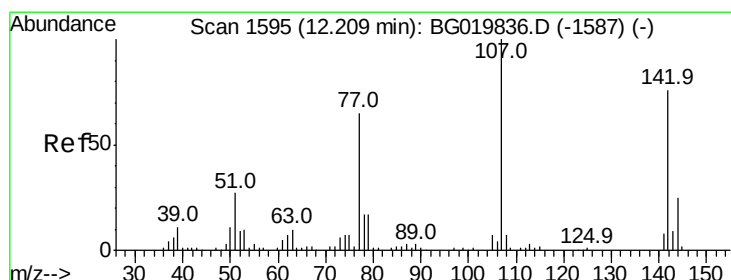
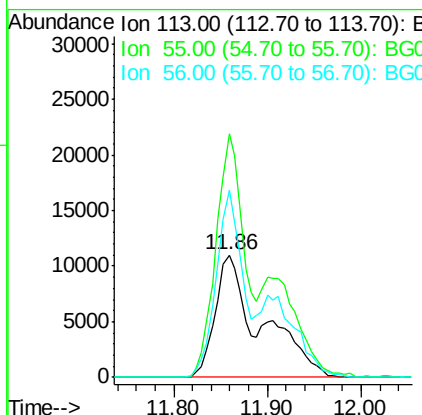
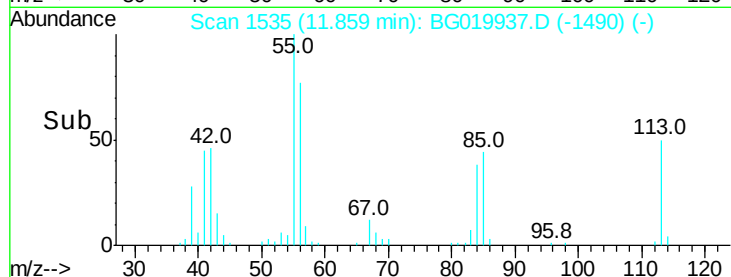
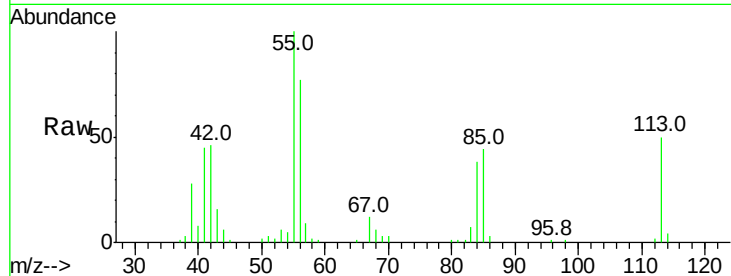
#35
Caprolactam
Concen: 40.08 ng/ml
RT: 11.86 min Scan# 1535
Delta R.T. -0.03 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Tot Ion:113 Resp: 37236
Ion Ratio Lower Upper
113 100
55 198.9 135.0 175.0#
56 152.8 83.4 123.4#

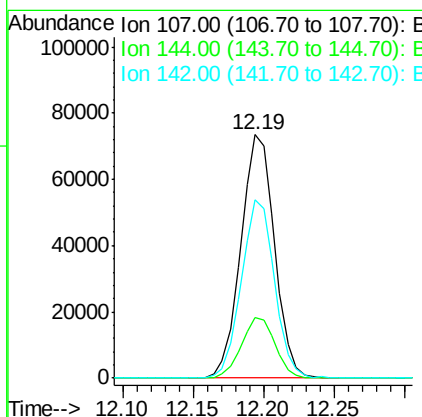
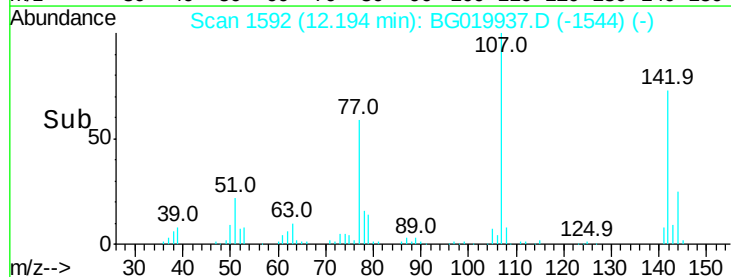
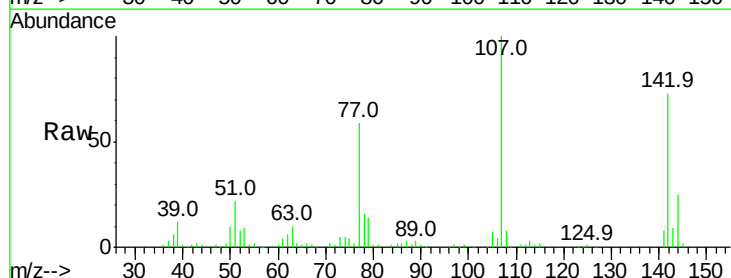
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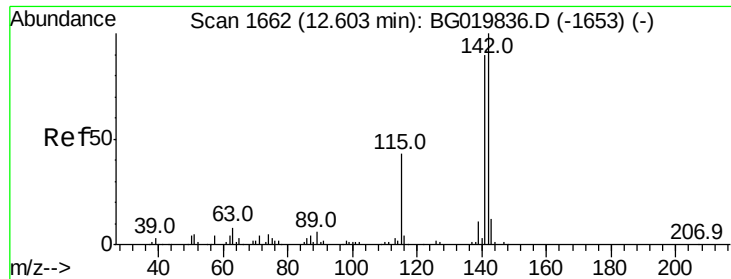
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#36
4-Chloro-3-methylphenol
Concen: 39.41 ng/ml
RT: 12.19 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion:107 Resp: 122470
Ion Ratio Lower Upper
107 100
144 25.1 20.6 31.0
142 73.1 62.6 93.8





#37

2-Methylnaphthalene

Concen: 39.59 ng

RT: 12.58 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

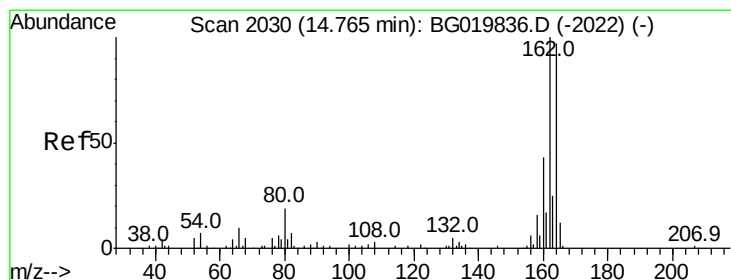
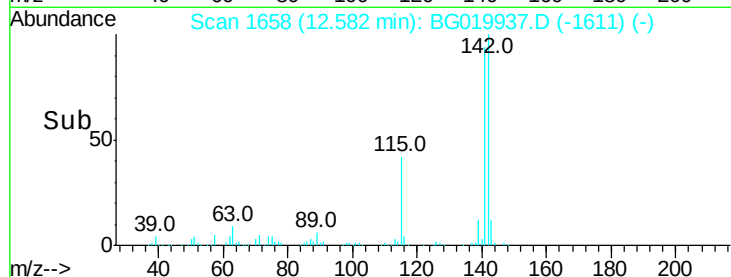
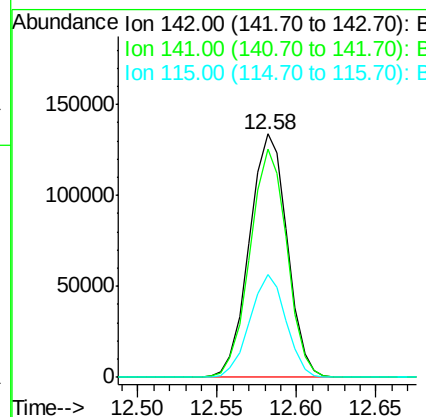
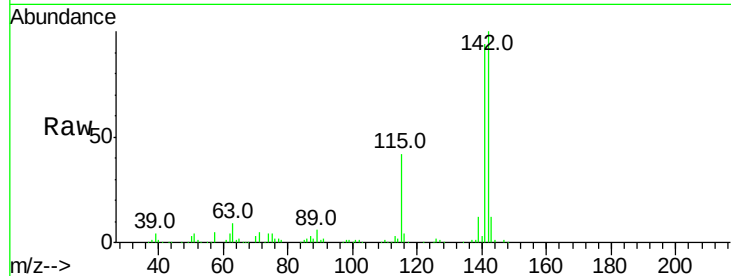
ClientSampleId :

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Tot Ion:	142	Resp:	222076
Ion Ratio	Lower	Upper	
142	100		
141	93.6	74.6	112.0
115	42.1	27.4	41.0#

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#38

Acenaphthene-d10

Concen: 20.00 ng

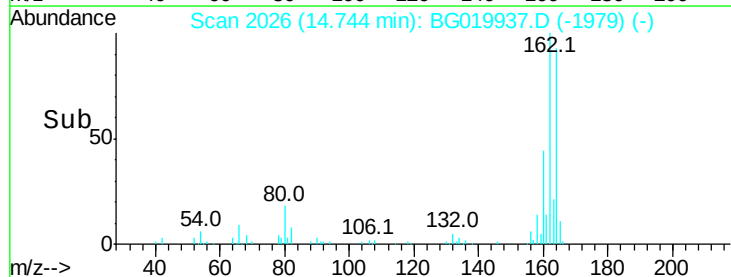
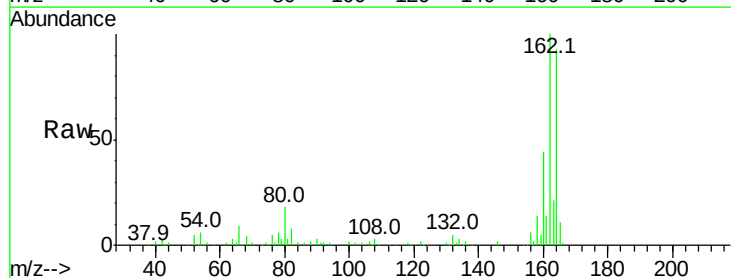
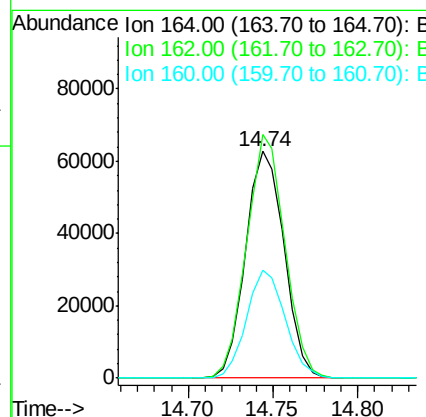
RT: 14.74 min Scan# 2026

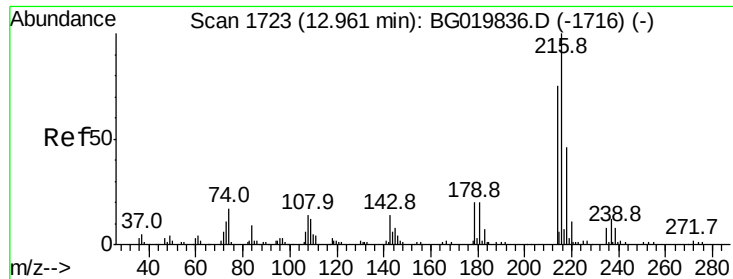
Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion:	164	Resp:	99469
Ion Ratio	Lower	Upper	
164	100		
162	107.5	78.8	118.2
160	47.6	36.4	54.6





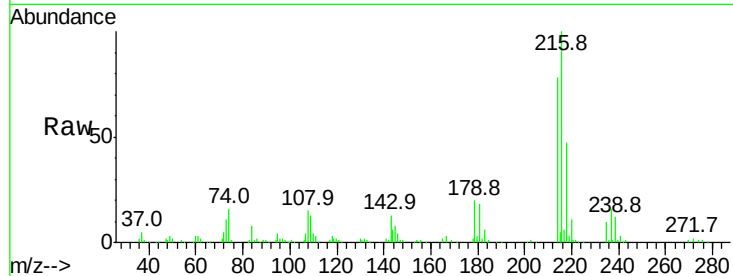
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.71 ng
 RT: 12.95 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

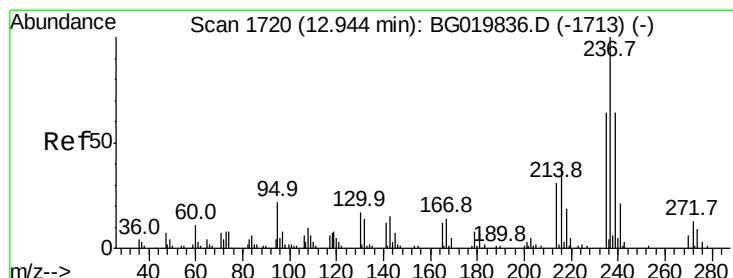
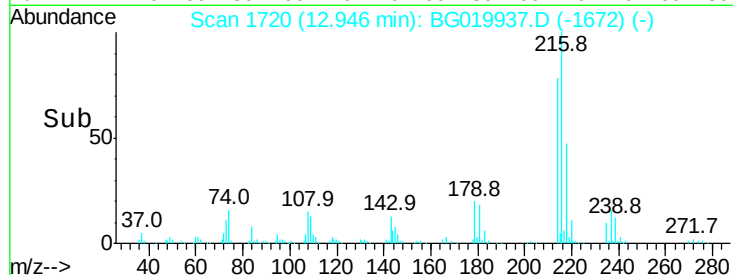
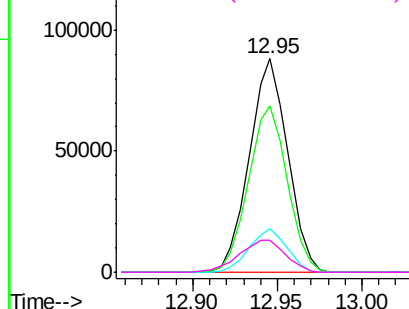
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	62.5	93.7
179	20.0	15.6	23.4
108	18.4	13.3	19.9

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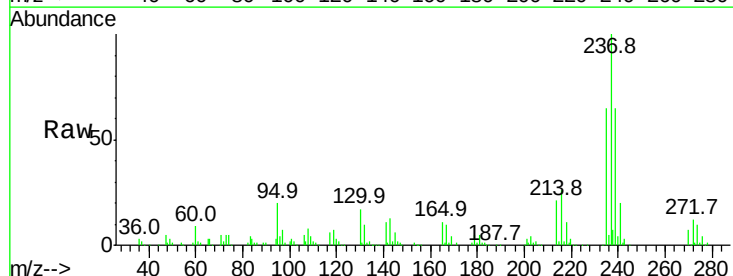


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

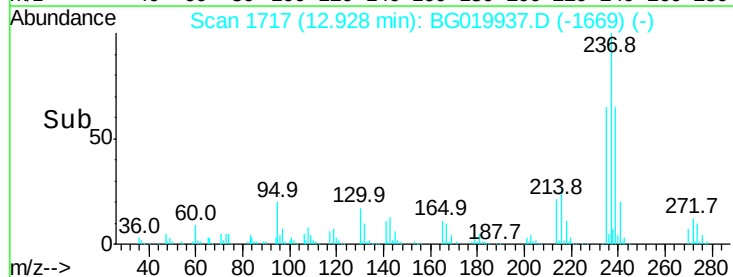
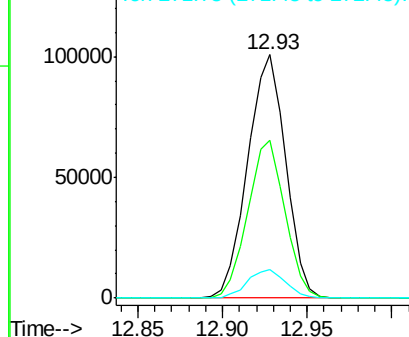


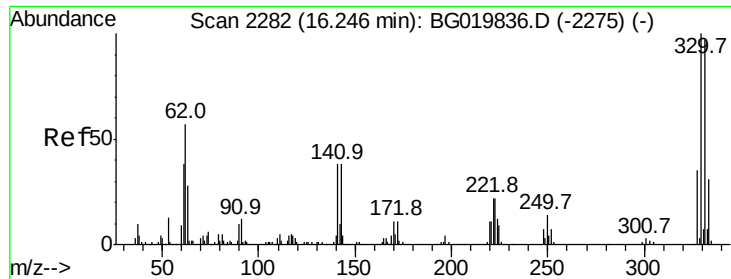
#40
 Hexachlorocyclopentadiene
 Concen: 73.43 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.6	44.6	84.6
272	12.0	0.0	32.8



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





#41

2,4,6-Tribromophenol

Concen: 78.40 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

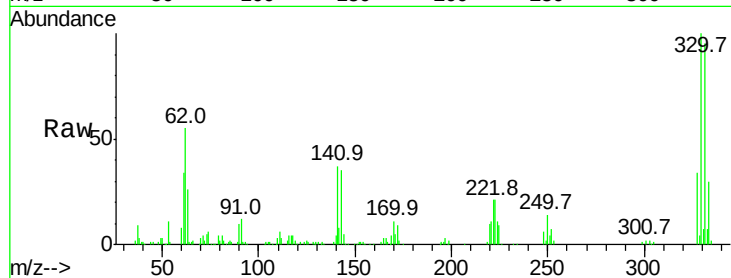
ClientSampleId :

PB87014BSD

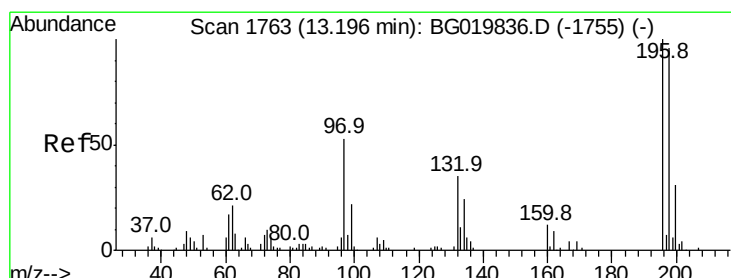
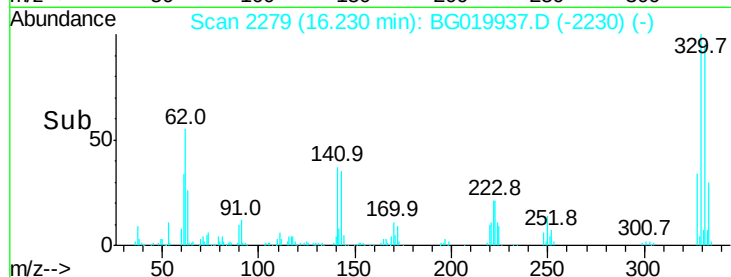
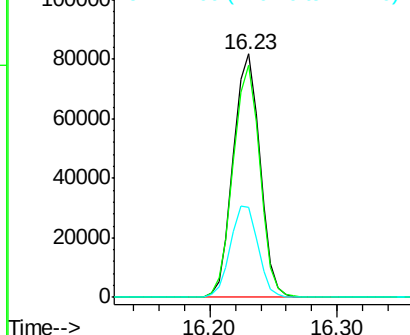
Tot Ion:	330	Resp:	119318
Ion Ratio	Lower	Upper	
330	100		
332	95.2	78.1	117.1
141	38.6	28.2	42.2

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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: 38.51 ng

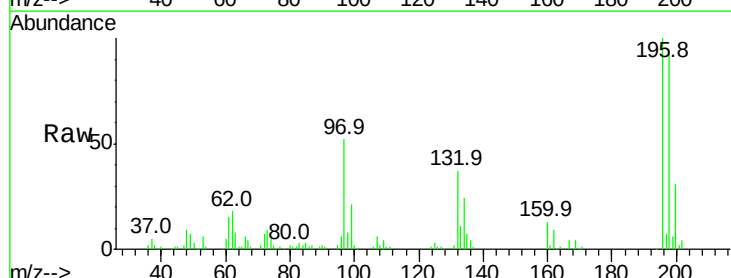
RT: 13.18 min Scan# 1760

Delta R.T. -0.02 min

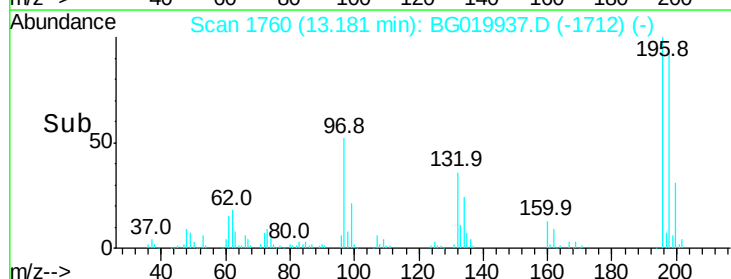
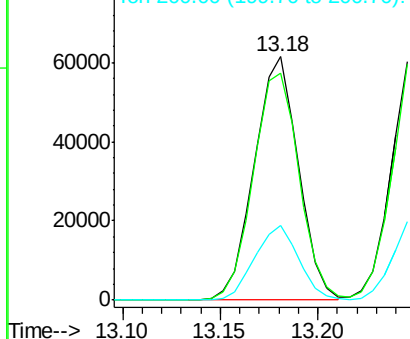
Lab File: BG019937.D

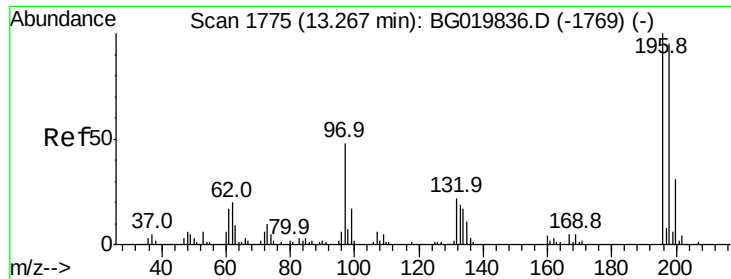
Acq: 5 Dec 2015 11:52

Tgt Ion:	196	Resp:	96251
Ion Ratio	Lower	Upper	
196	100		
198	93.5	74.7	112.1
200	30.7	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





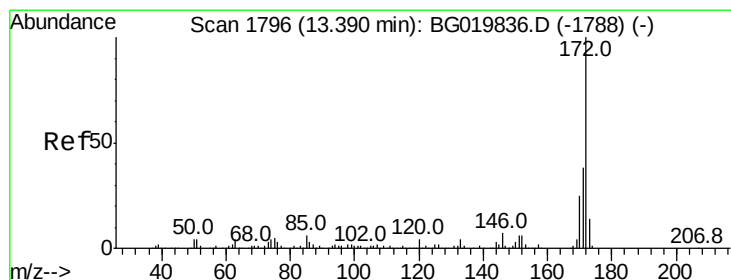
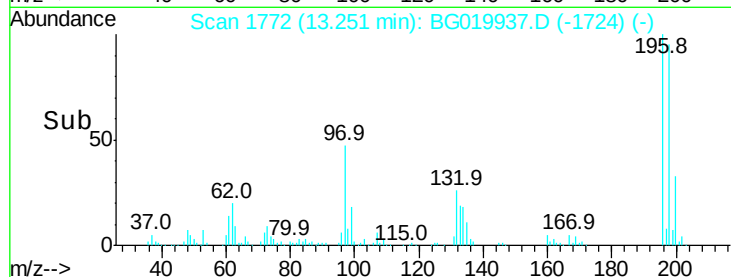
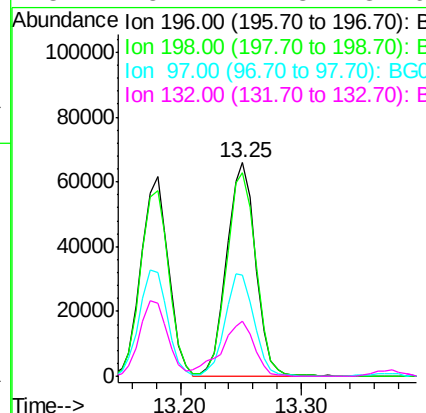
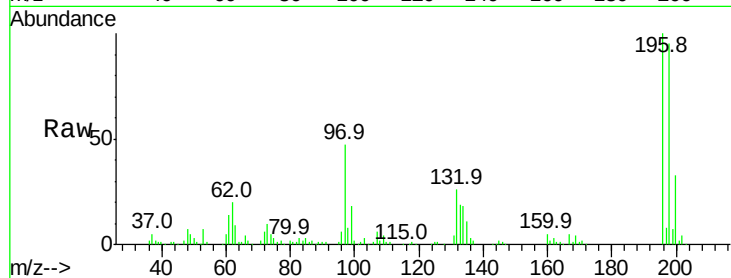
#43
 2,4,5-Trichlorophenol
 Concen: 41.32 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	196	Resp	109143
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.2	112.8
97	47.1	34.2	51.2
132	25.7	21.8	32.6

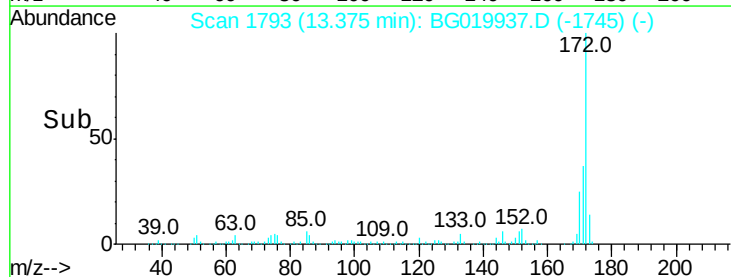
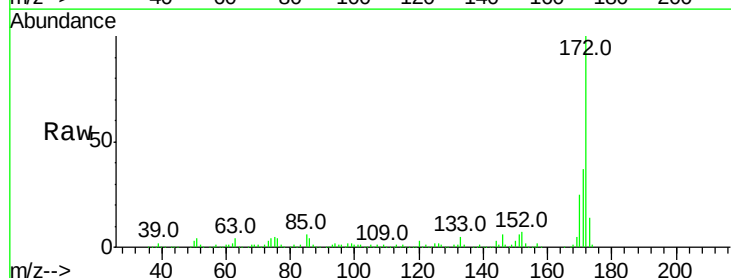
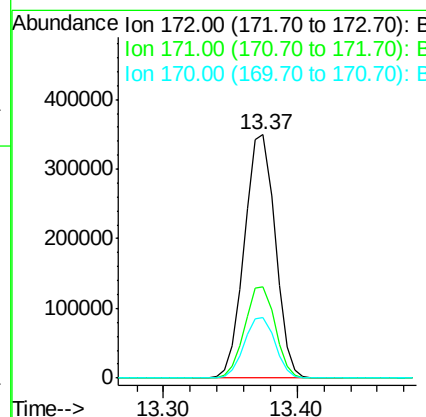
Manual Integrations
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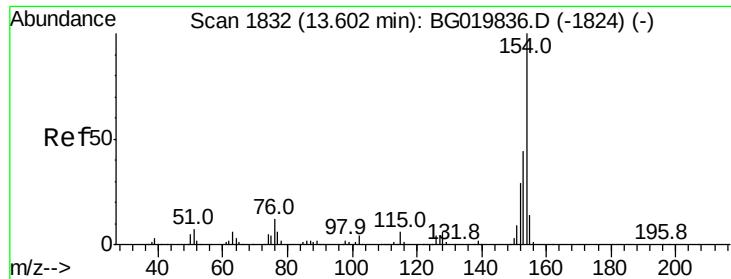
Mmdadoda
 12/7/2015 6:29:48 PM



#44
 2-Fluorobiphenyl
 Concen: 76.38 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	172	Resp	556411
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.0	43.6
170	24.9	19.9	29.9





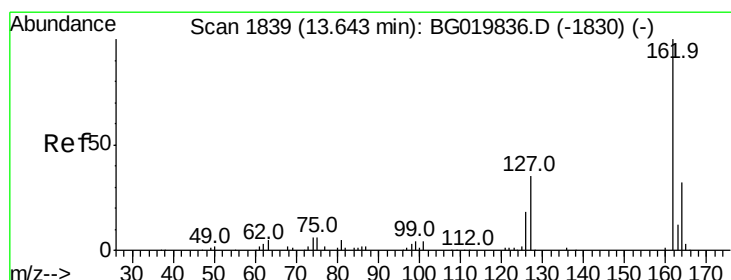
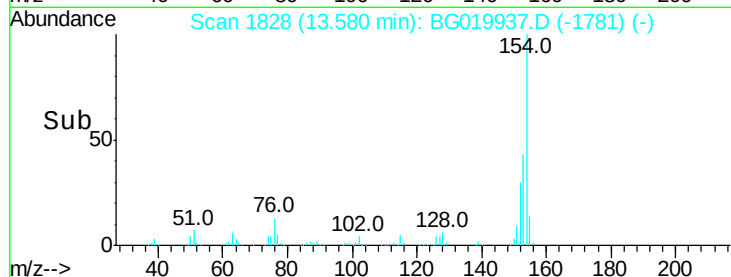
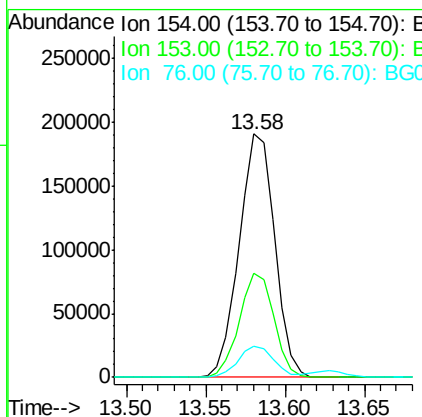
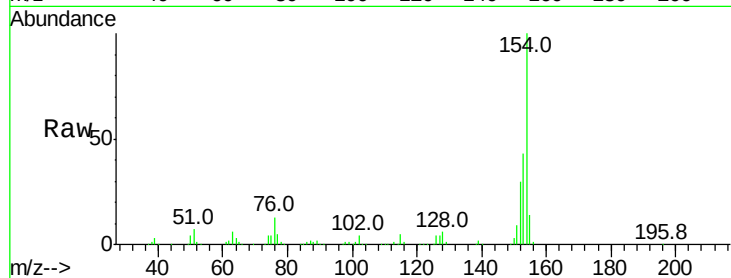
#45
 1,1'-Biphenyl
 Concen: 36.35 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.7	21.9	61.9	
76	12.9	0.0	33.2	

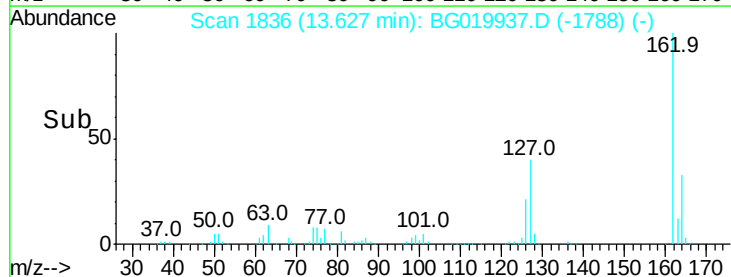
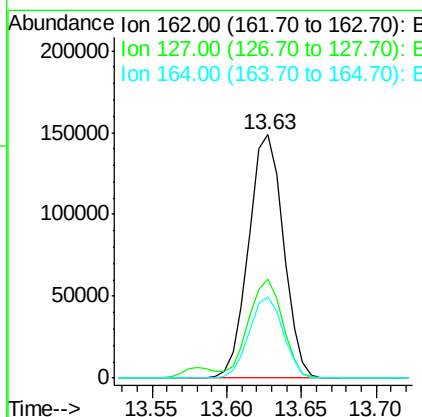
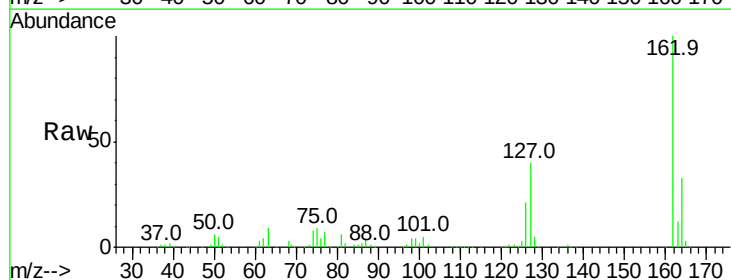
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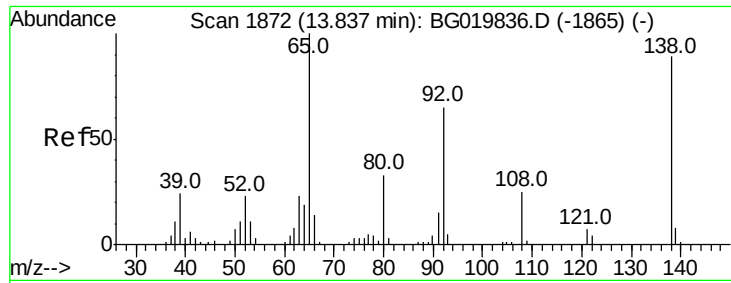
Mmdadoda
 12/7/2015 6:29:48 PM



#46
 2-Chloronaphthalene
 Concen: 37.98 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.5	28.3	42.5	
164	33.1	27.4	41.0	





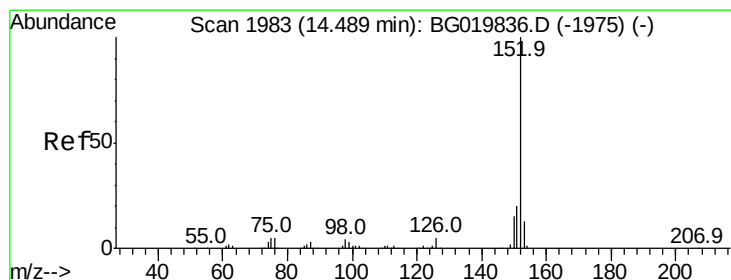
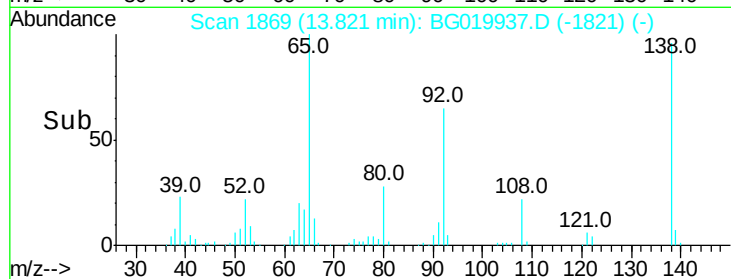
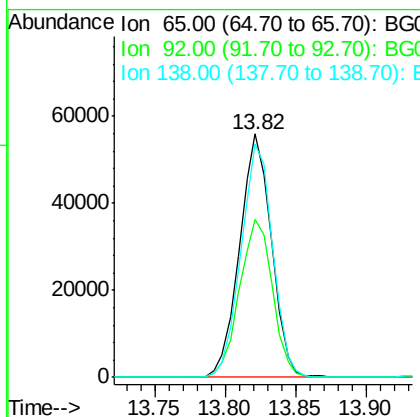
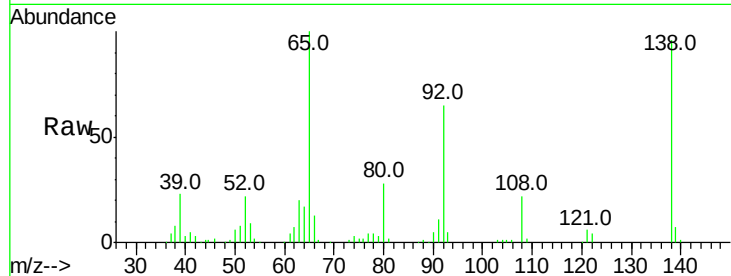
#47
2-Nitroaniline
Concen: 44.39 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.7	54.8	82.2
138	95.7	89.6	134.4

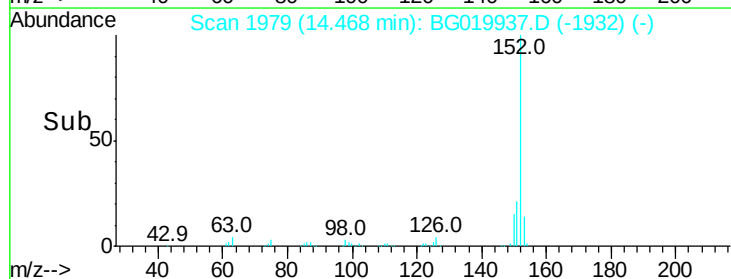
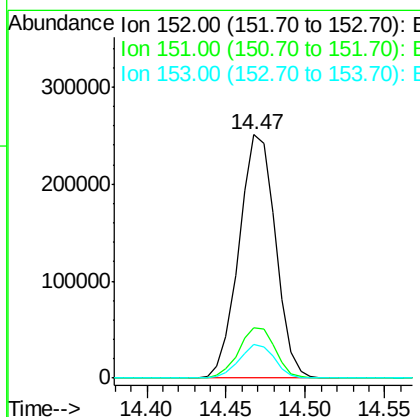
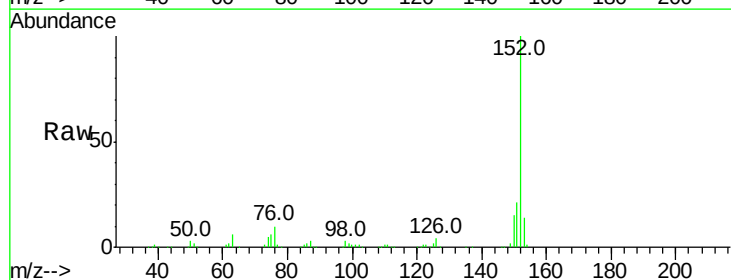
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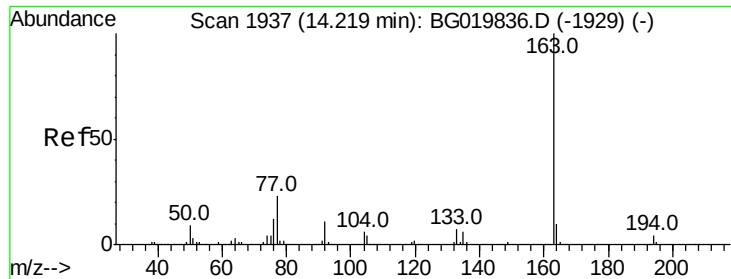
Mmdadoda
12/7/2015 6:29:48 PM



#48
Acenaphthylene
Concen: 37.42 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.4
153	13.8	10.4	15.6





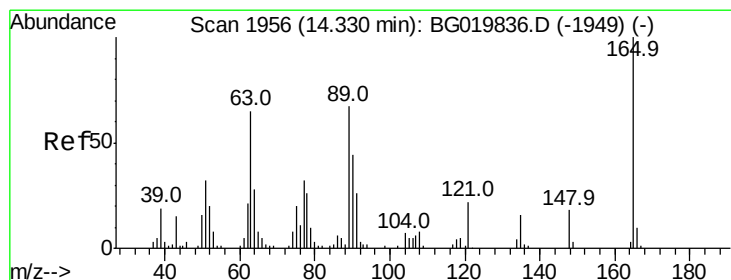
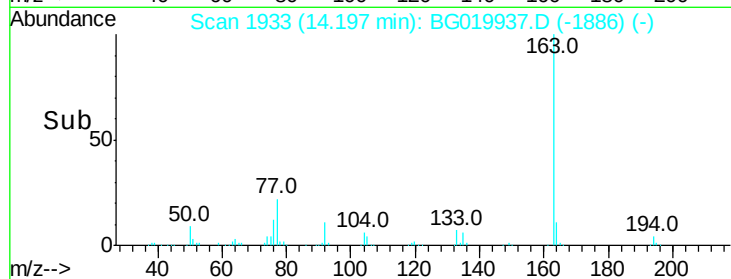
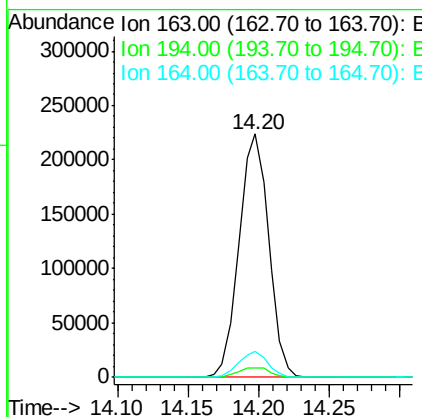
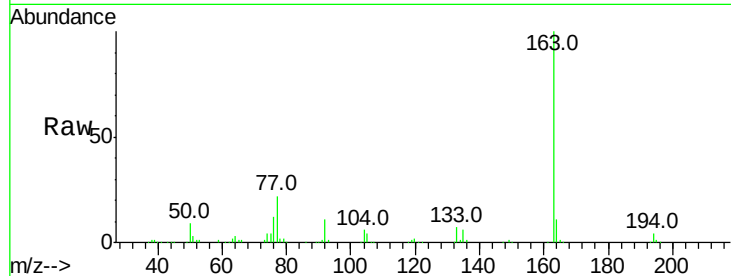
#49
Dimethylphthalate
Concen: 36.74 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	328772		
194	4.0		3.1	4.7
164	10.7		8.8	13.2

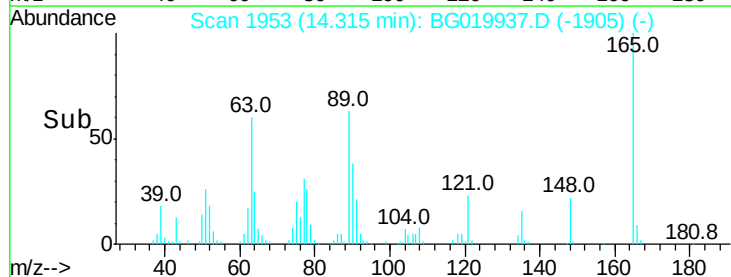
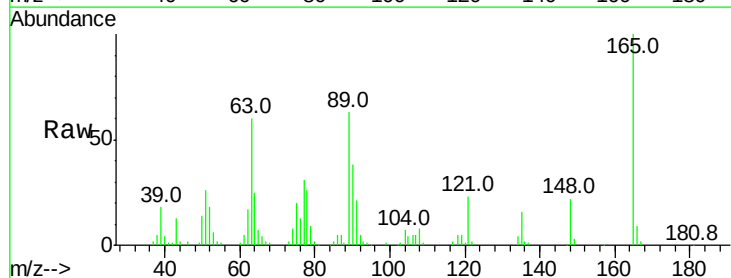
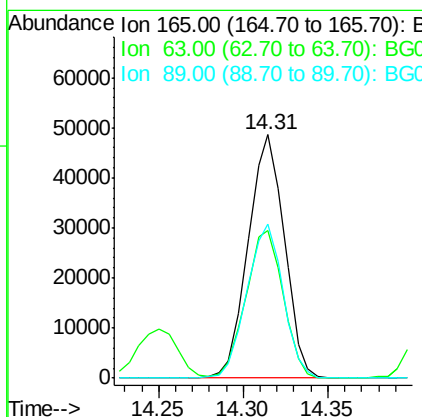
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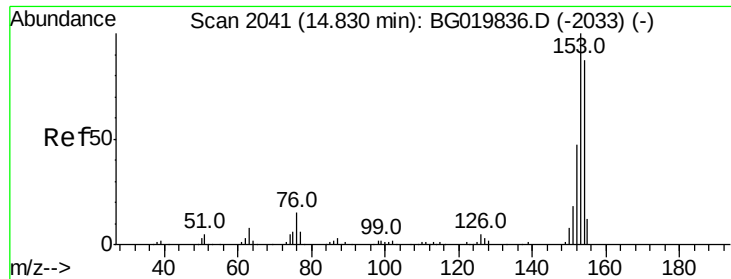
Mmdadoda
12/7/2015 6:29:48 PM



#50
2,6-Dinitrotoluene
Concen: 43.14 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	72578		
63	60.5		35.7	53.5#
89	63.1		39.7	59.5#





#51

Acenaphthene

Concen: 38.41 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

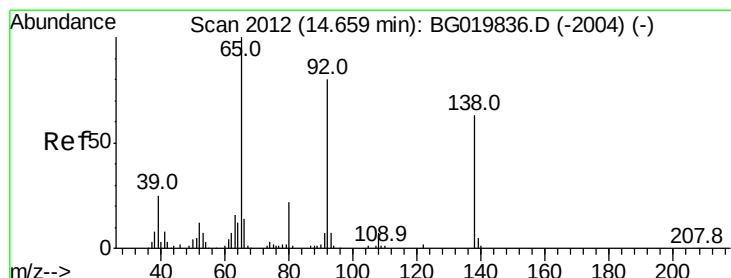
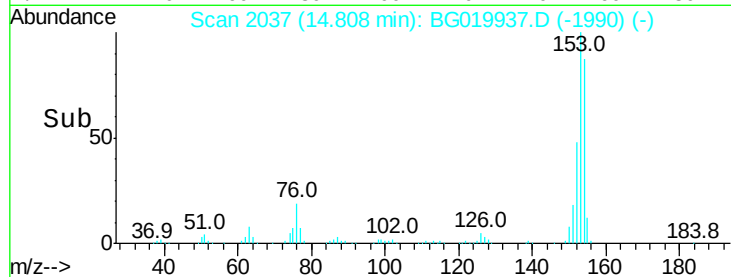
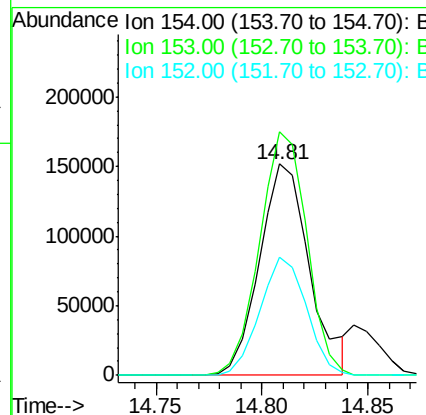
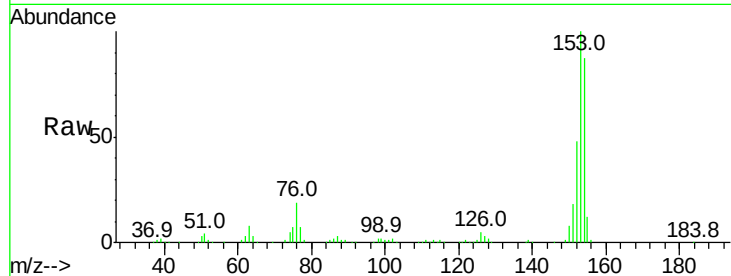
ClientSampleId :

PB87014BSD

Tot Ion:	154	Resp:	249772
Ion Ratio	Lower	Upper	
154	100		
153	115.3	92.9	139.3
152	55.9	45.8	68.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 33.76 ng

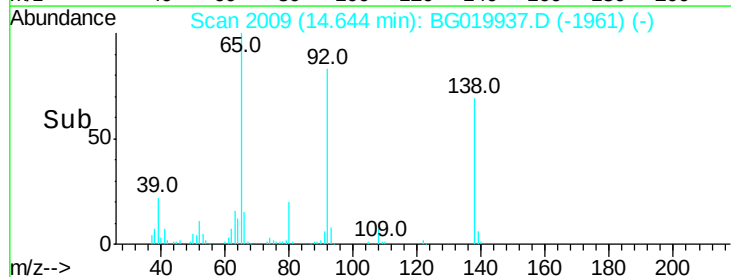
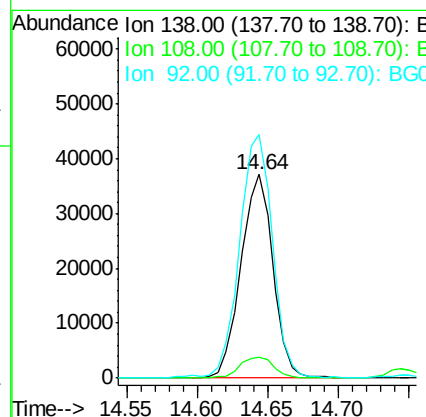
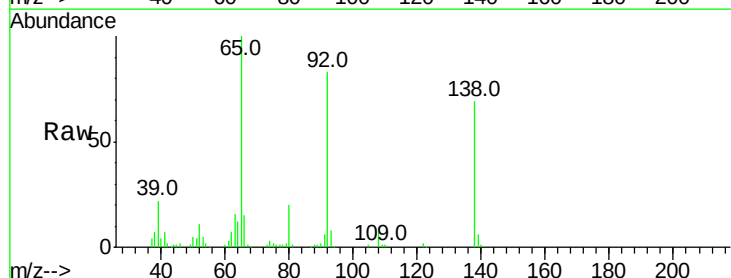
RT: 14.64 min Scan# 2009

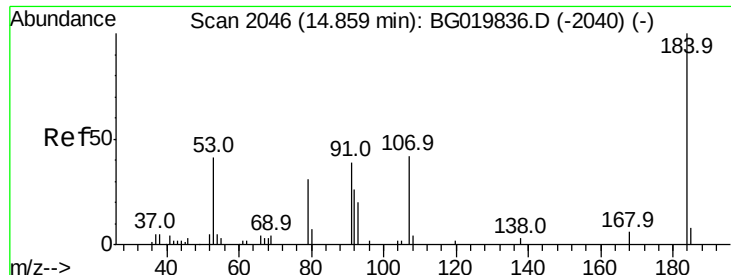
Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion:	138	Resp:	58996
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.9	11.9
92	119.6	94.2	141.4





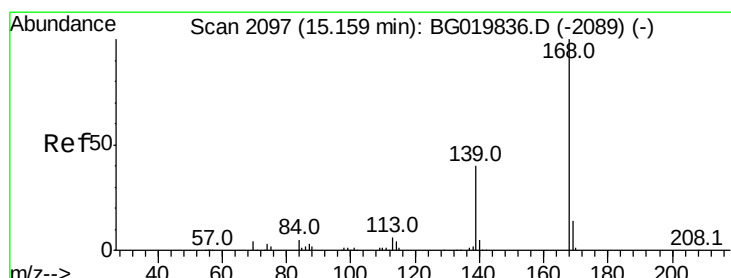
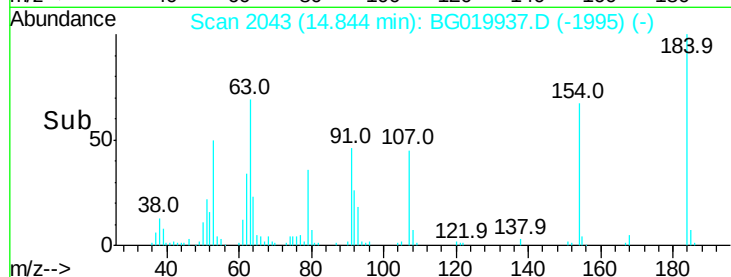
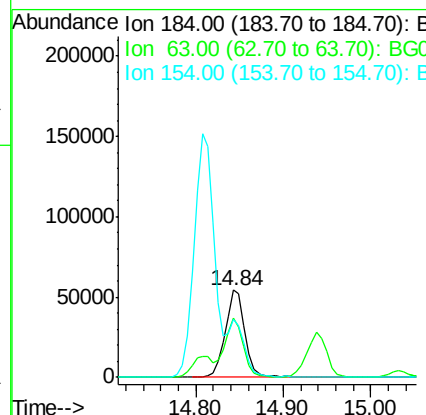
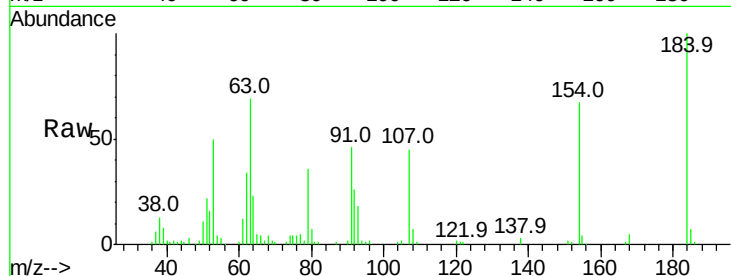
#53
 2,4-Dinitrophenol
 Concen: 92.77 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.9	42.7	64.1#
154	66.5	44.3	66.5#

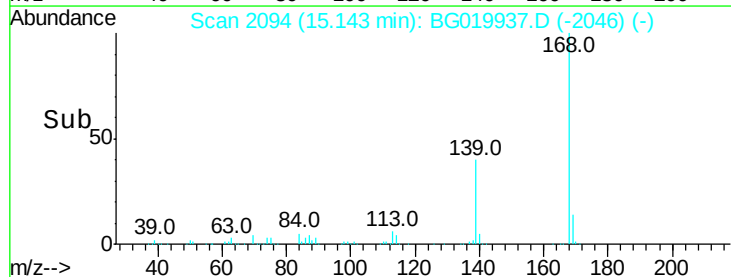
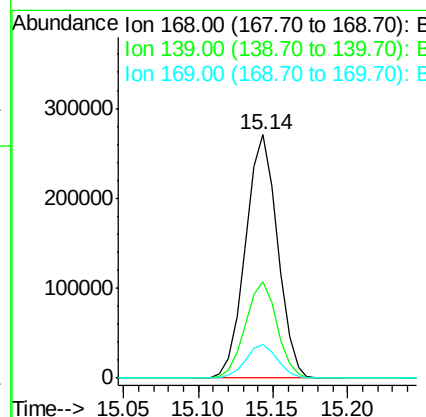
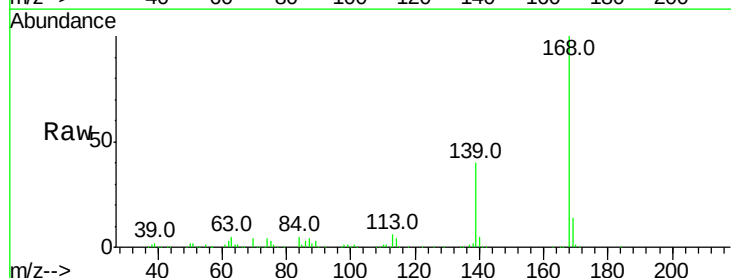
Manual Integrations
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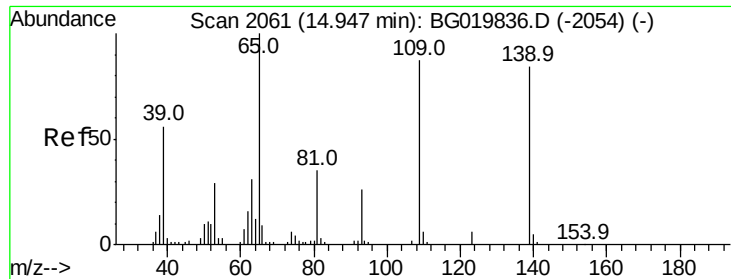
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 12/7/2015 6:29:48 PM



#54
 Dibenzofuran
 Concen: 41.41 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	27.4	41.0
169	14.1	11.0	16.4





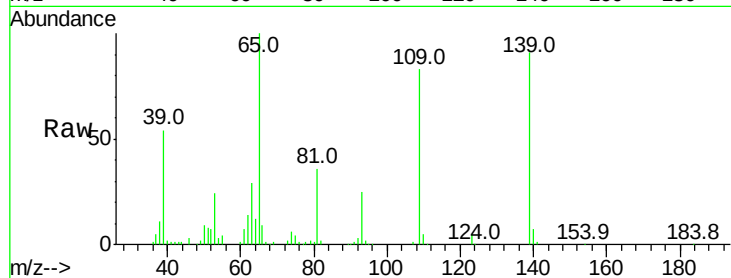
#55
4-Nitrophenol
Concen: 84.47 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	90.9	43.2	83.2#	
65	110.2	67.8	107.8#	

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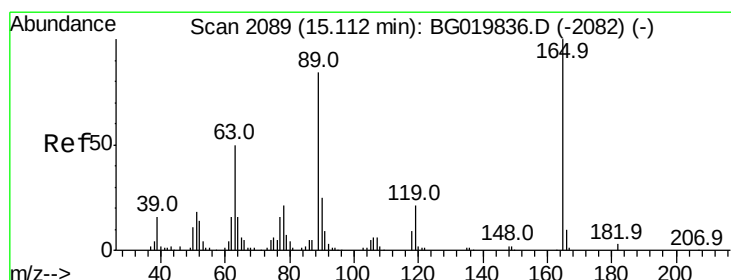
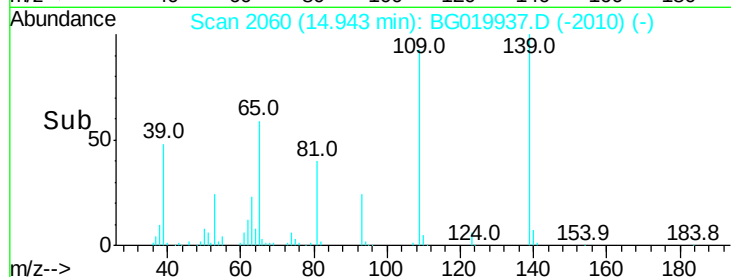
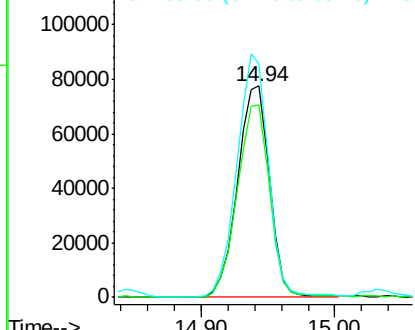


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 45.48 ng
RT: 15.10 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.9	31.0	46.4#	
89	77.6	54.4	81.6	
182	2.9	1.6	2.4#	

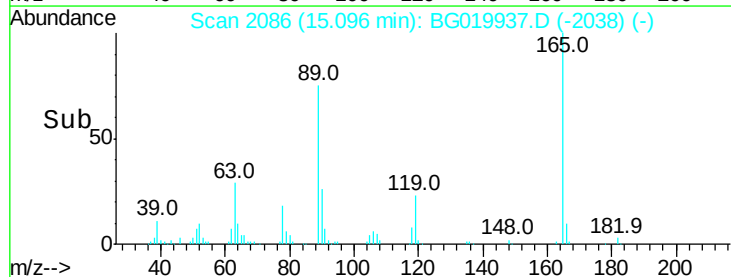
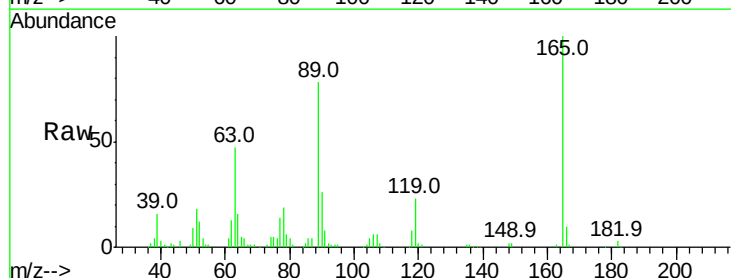
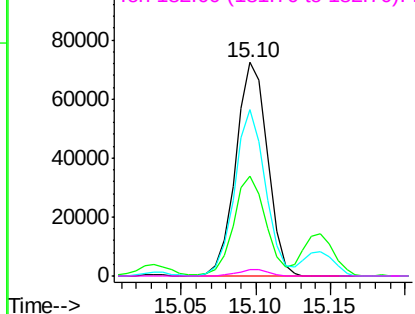
Abundance

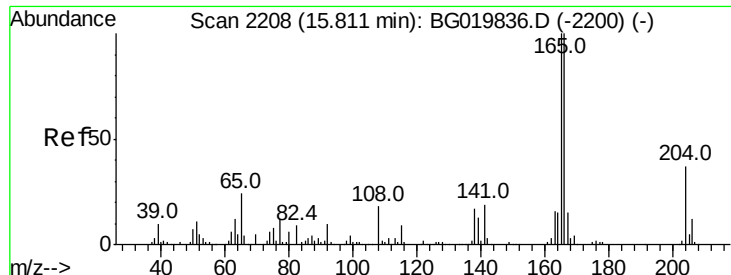
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





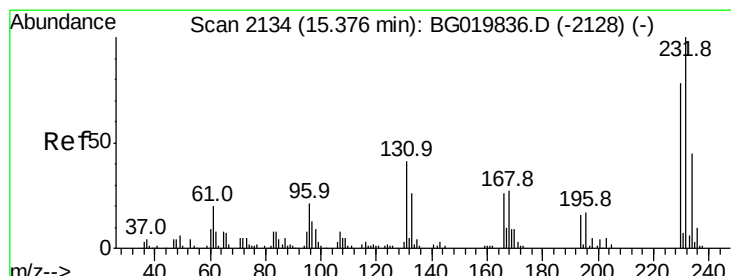
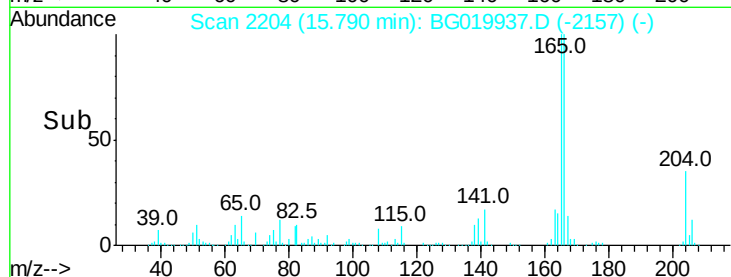
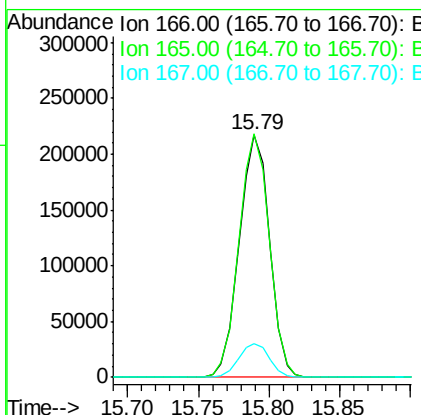
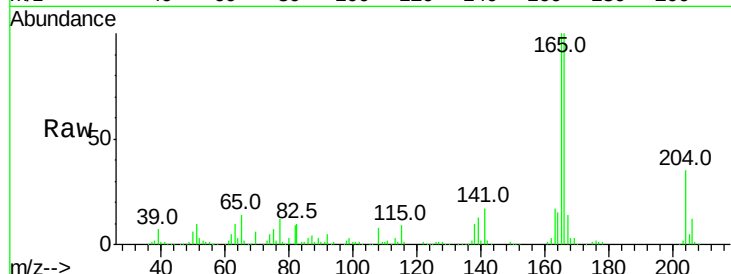
#57
 Fluorene
 Concen: 37.71 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	80.0	120.0	
167	13.9	11.1	16.7	

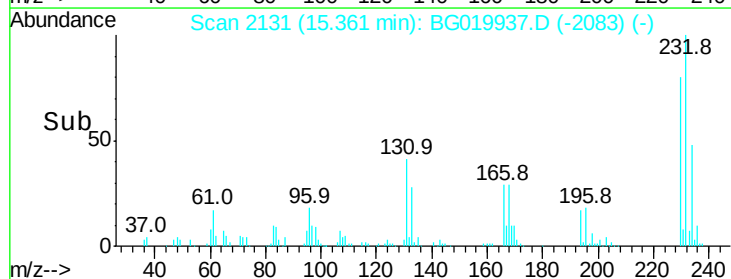
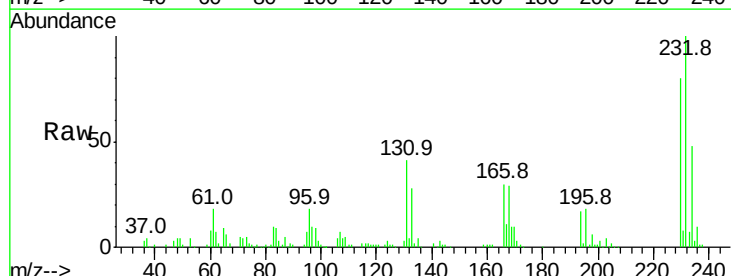
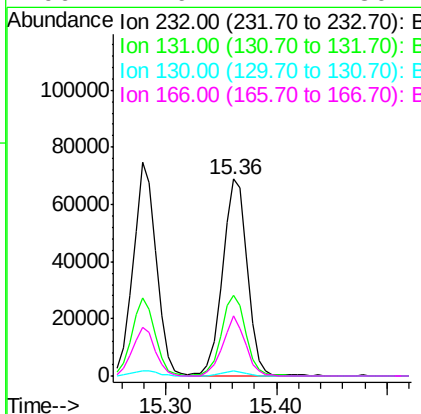
Manual Integrations
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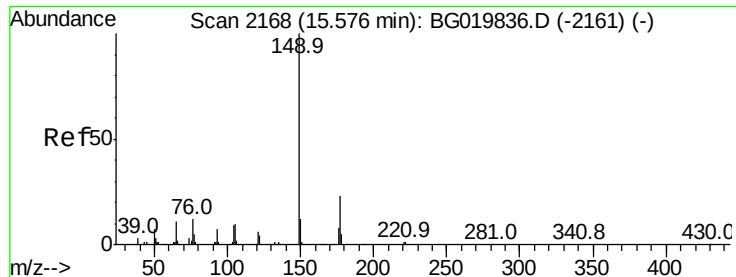
Mmdadoda
 12/7/2015 6:29:48 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.17 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.5	33.0	49.6	
130	2.3	2.0	3.0	
166	27.6	24.1	36.1	





#59

Diethylphthalate

Concen: 35.84 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

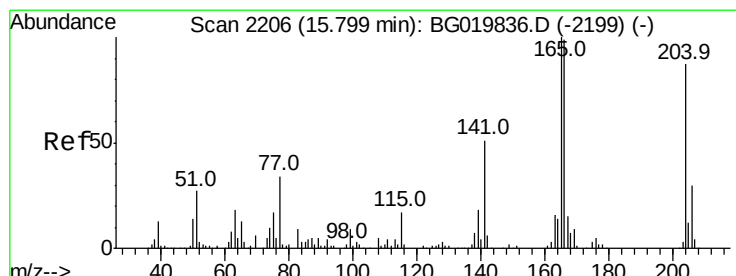
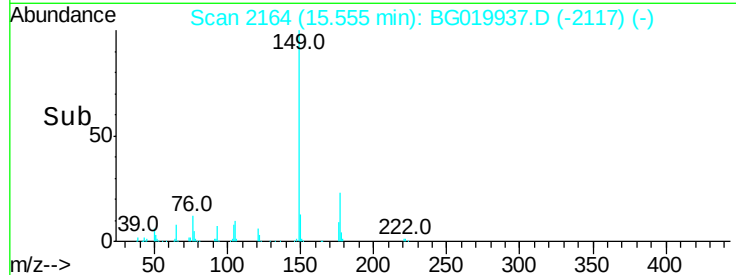
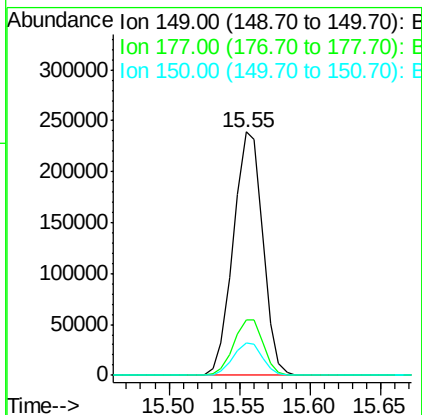
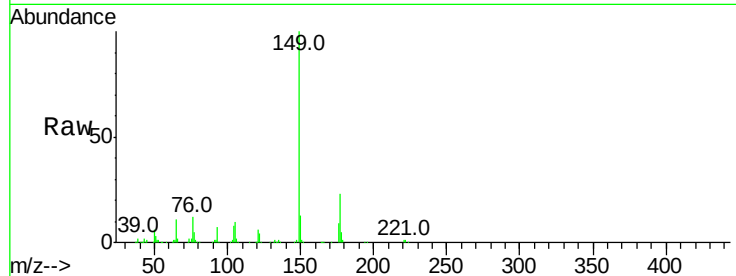
ClientSampleId :

PB87014BSD

Tot Ion:	149	Resp:	347060
Ion Ratio	Lower	Upper	
149	100		
177	22.8	19.6	29.4
150	13.4	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 36.09 ng

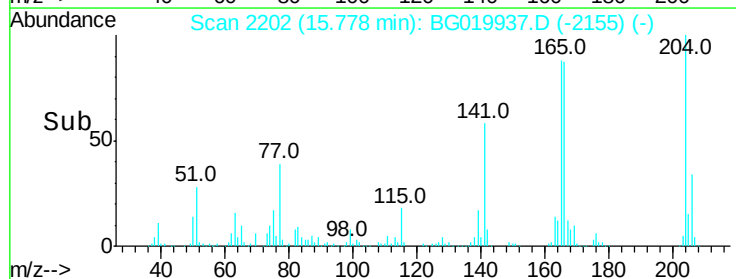
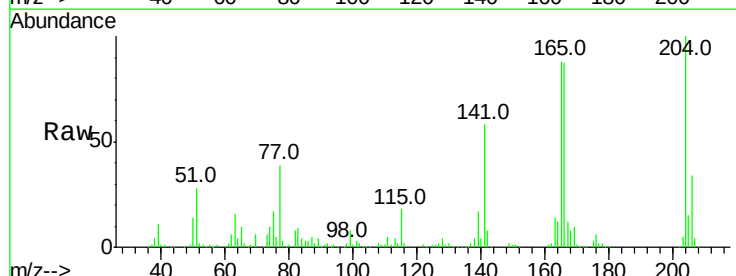
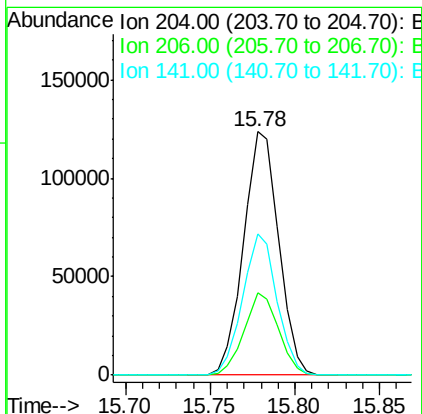
RT: 15.78 min Scan# 2202

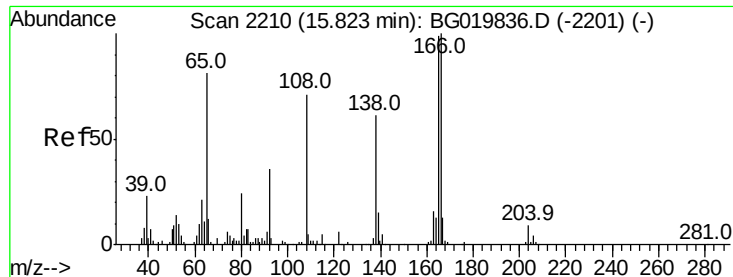
Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion:	204	Resp:	179420
Ion Ratio	Lower	Upper	
204	100		
206	33.6	28.3	42.5
141	57.9	44.0	66.0





#61

4-Nitroaniline

Concen: 41.52 ng

RT: 15.81 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

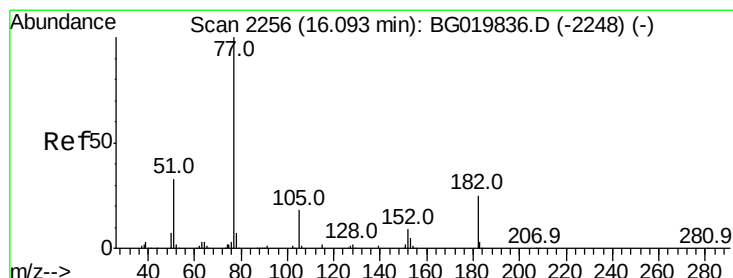
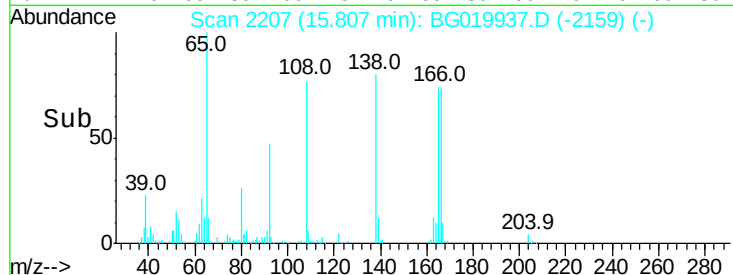
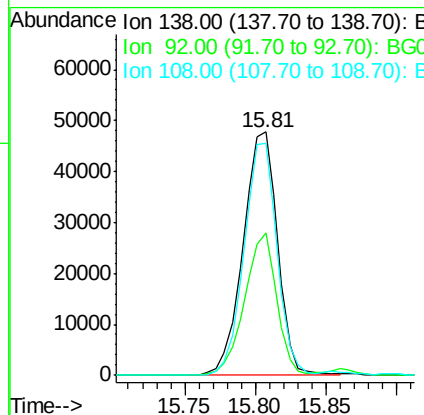
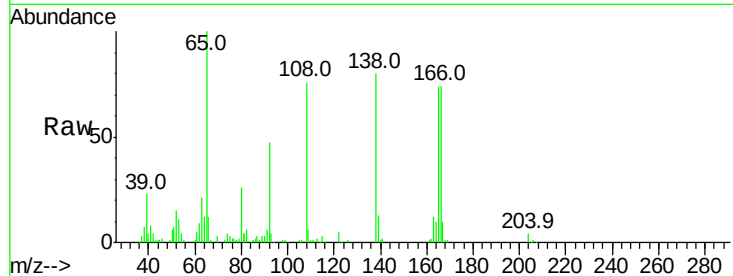
ClientSampleId :

PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	58.4	29.1	69.1	
108	95.3	49.8	89.8	

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#62

Azobenzene

Concen: 41.15 ng

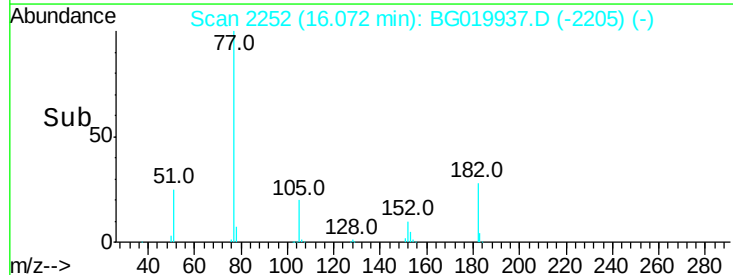
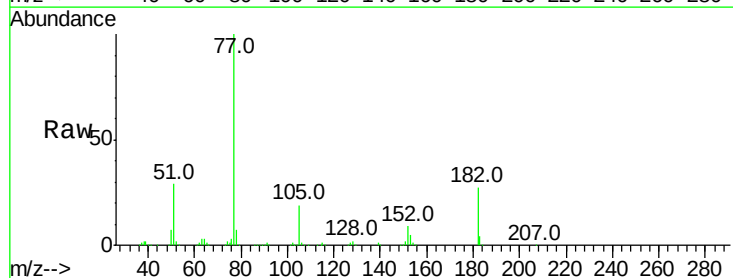
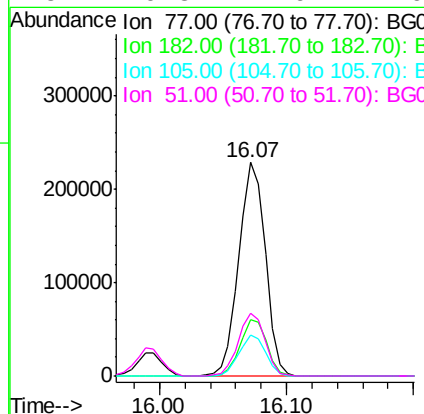
RT: 16.07 min Scan# 2252

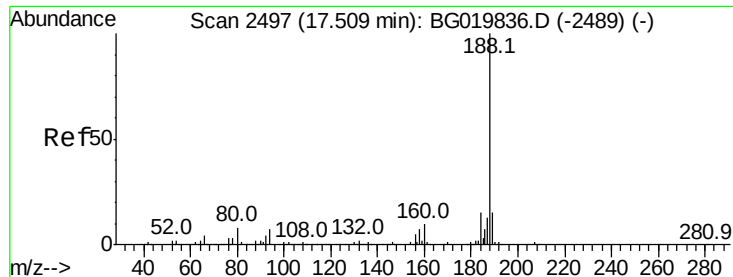
Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.5	7.0	47.0	
105	19.0	1.4	41.4	
51	29.3	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: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

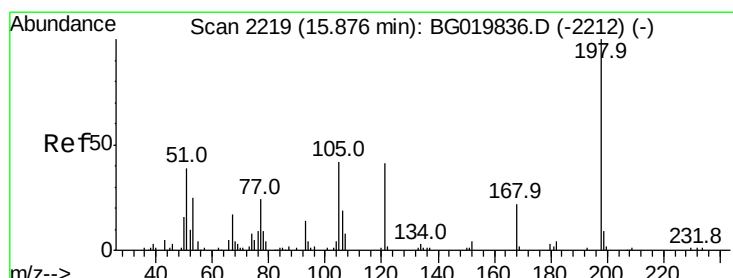
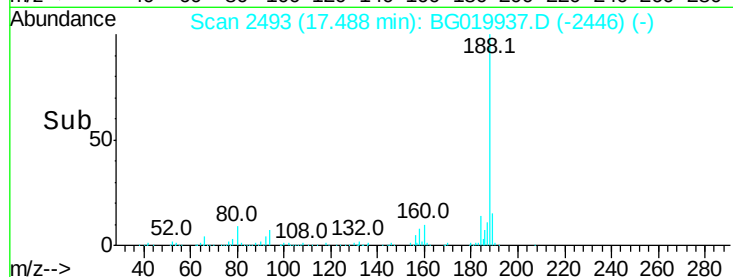
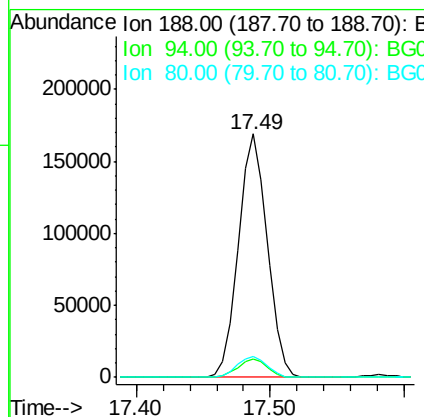
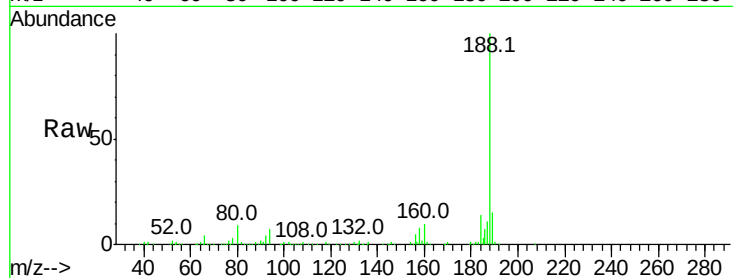
ClientSampleId :

PB87014BSD

Tot Ion:	188	Resp:	252133
Ion Ratio	Lower	Upper	
188	100		
94	7.5	7.7	11.5#
80	8.8	7.8	11.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.22 ng

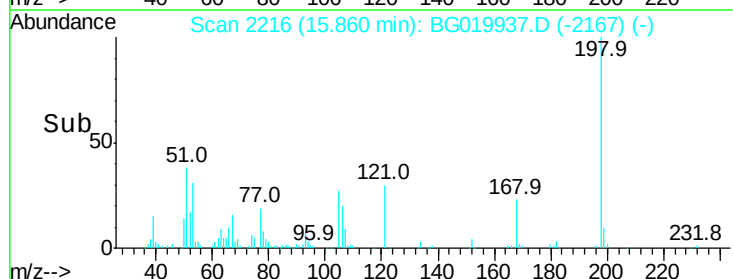
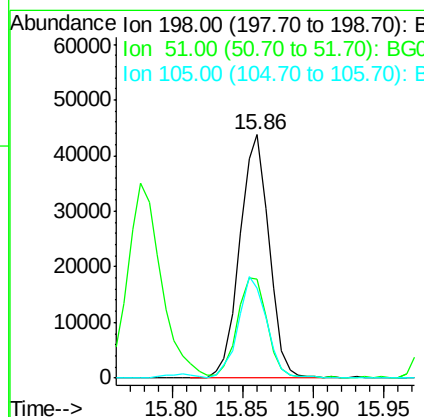
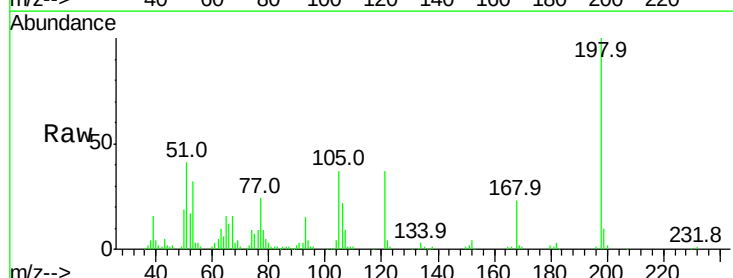
RT: 15.86 min Scan# 2216

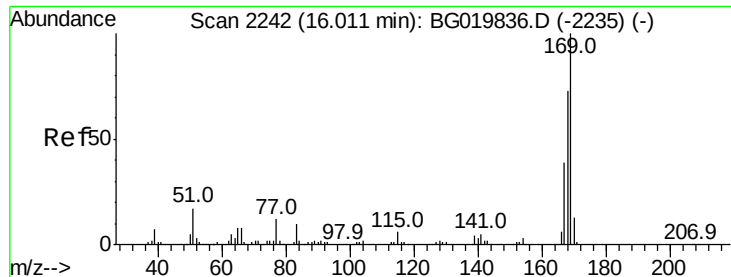
Delta R.T. -0.01 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion:	198	Resp:	63472
Ion Ratio	Lower	Upper	
198	100		
51	40.7	14.2	54.2
105	36.7	21.1	61.1





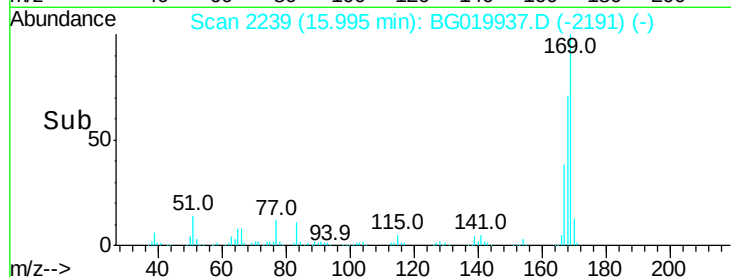
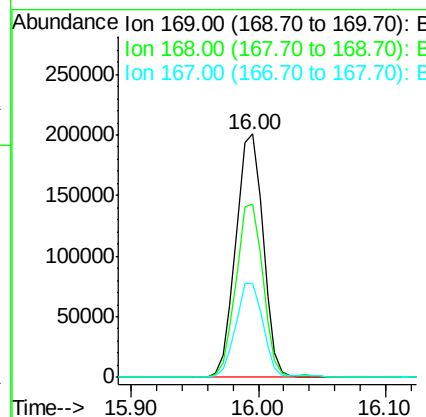
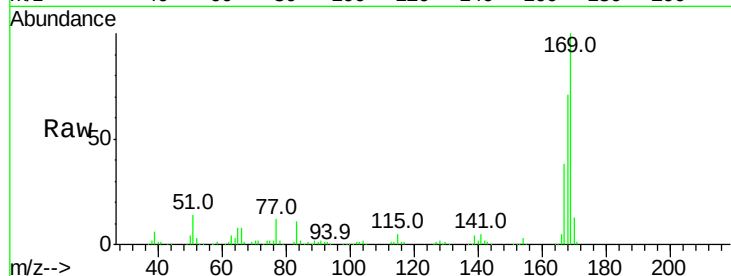
#65
 n-Nitrosodiphenylamine
 Concen: 40.83 ng
 RT: 16.00 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	297919		
168	71.4	58.2	87.2	
167	38.3	32.7	49.1	

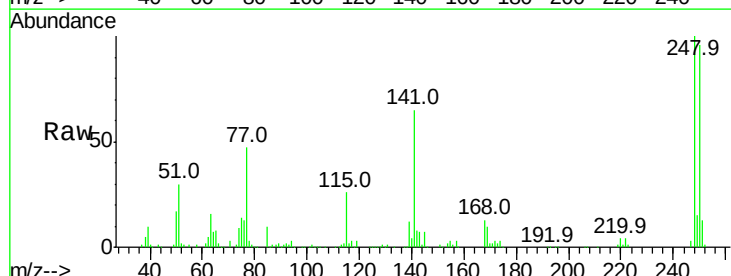
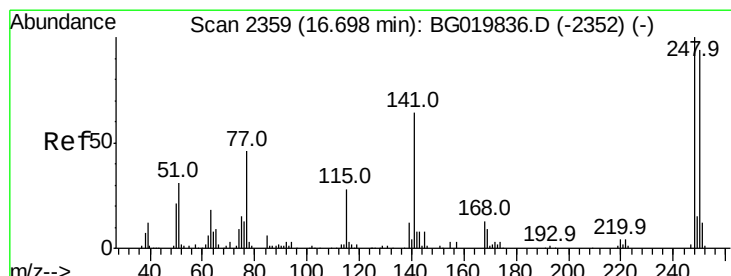
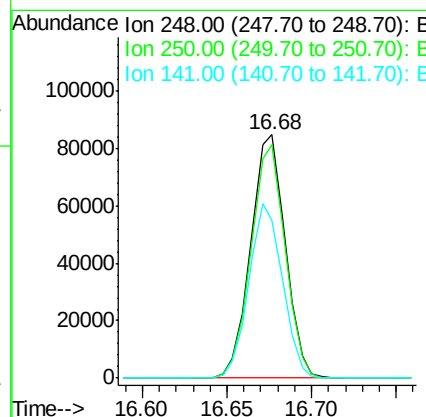
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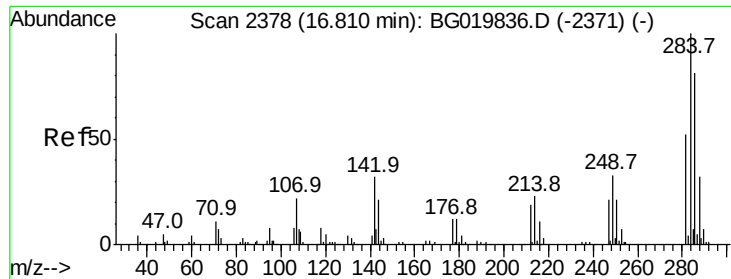
Mmdadoda
 12/7/2015 6:29:48 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.51 ng
 RT: 16.68 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	120645		
250	95.9	77.8	116.8	
141	64.6	50.4	75.6	





#67

Hexachlorobenzene

Concen: 39.16 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

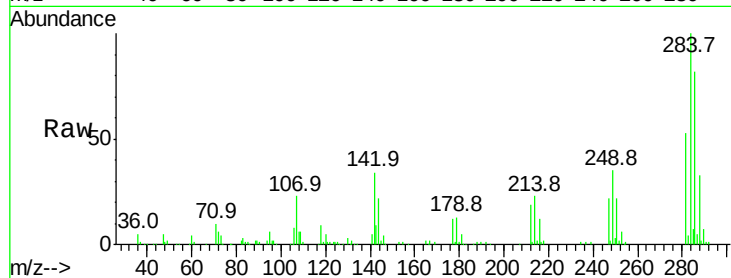
ClientSampleId :

PB87014BSD

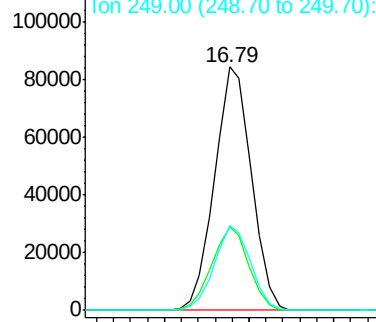
Tot Ion:	284	Resp:	127798
Ion Ratio	Lower	Upper	
284	100		
142	34.2	26.6	39.8
249	34.9	26.2	39.2

Manual Integrations
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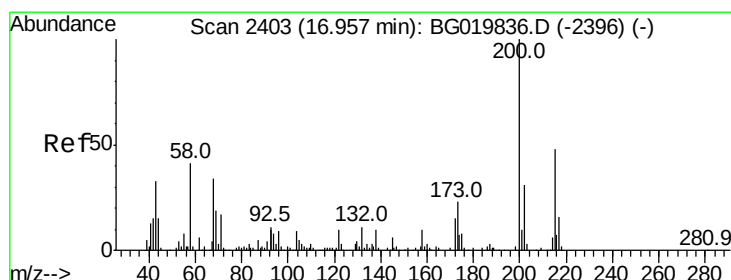
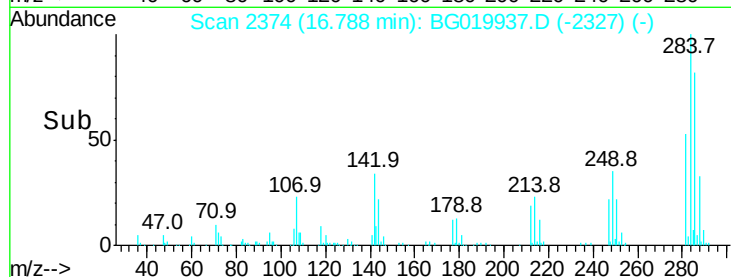
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Abundance Ion 283.80 (283.50 to 284.50): E



Time-->



#68

Atrazine

Concen: 33.88 ng

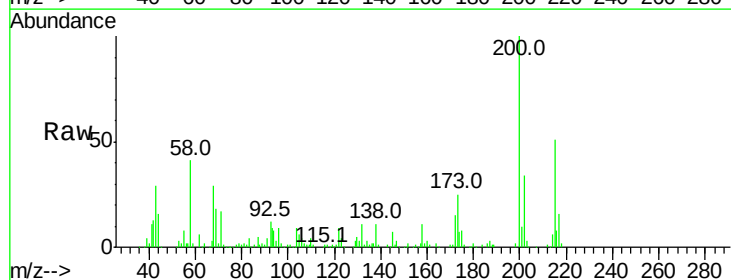
RT: 16.94 min Scan# 2399

Delta R.T. -0.02 min

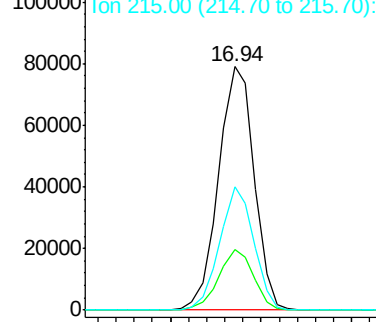
Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

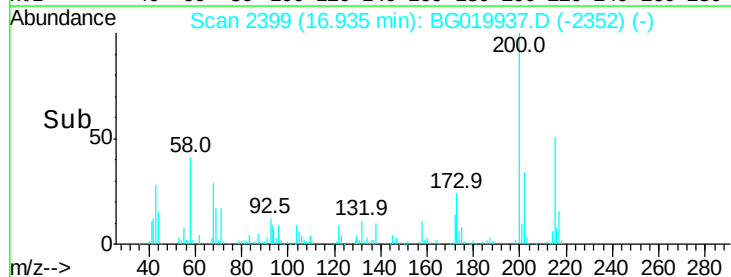
Tgt Ion:	200	Resp:	107395
Ion Ratio	Lower	Upper	
200	100		
173	25.0	5.2	45.2
215	50.9	27.0	67.0

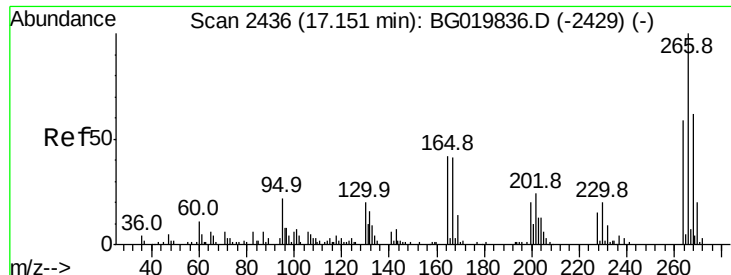


Abundance Ion 200.00 (199.70 to 200.70): E



Time-->





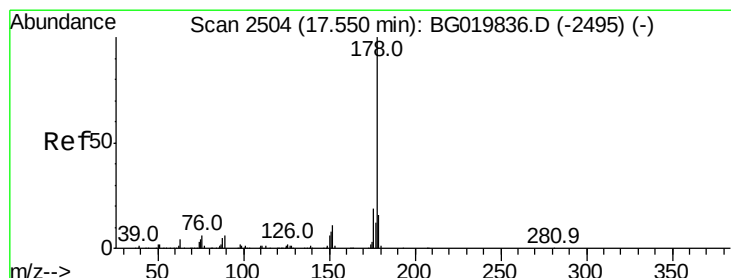
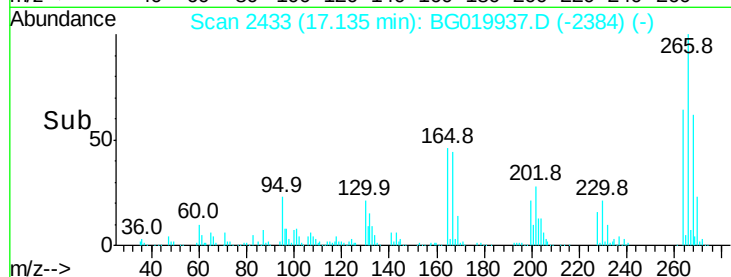
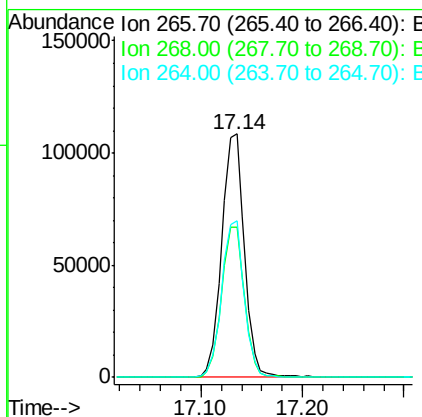
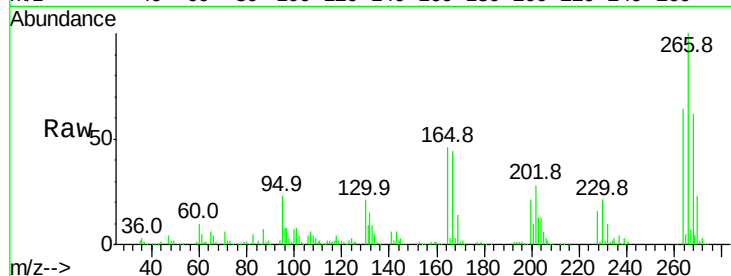
#69
 Pentachlorophenol
 Concen: 88.44 ng
 RT: 17.14 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.1	47.6	71.4
264	64.1	48.1	72.1

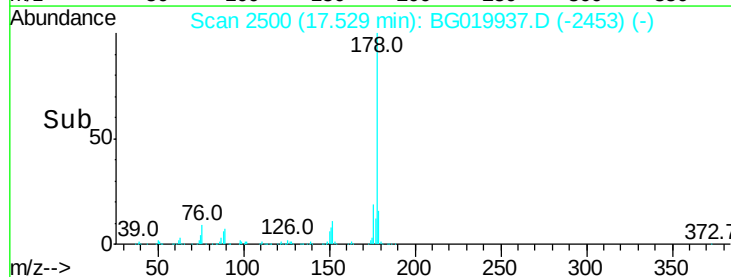
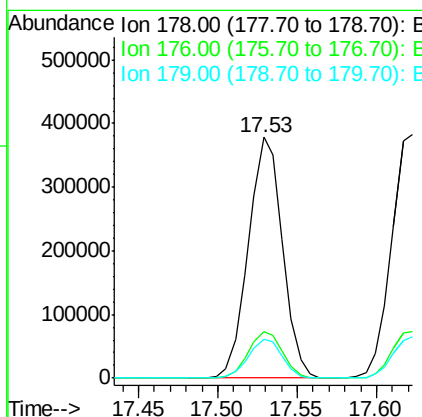
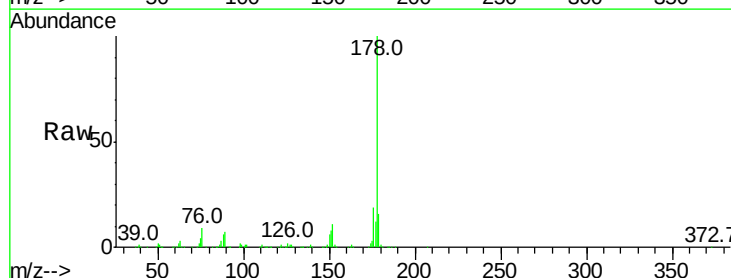
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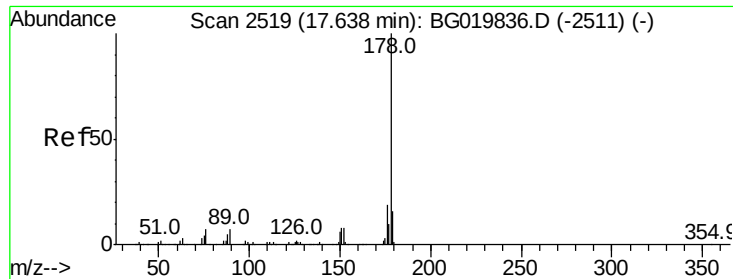
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#70
 Phenanthrene
 Concen: 39.65 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.3	16.7	25.1
179	16.0	13.9	20.9





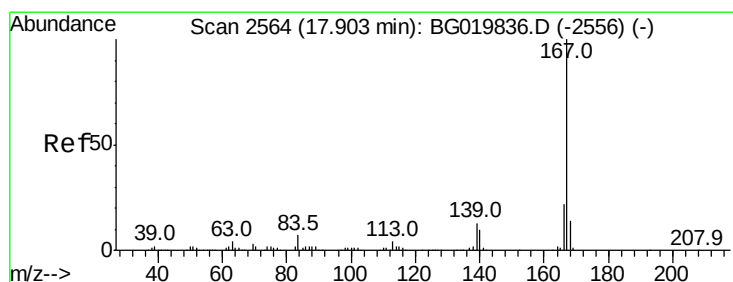
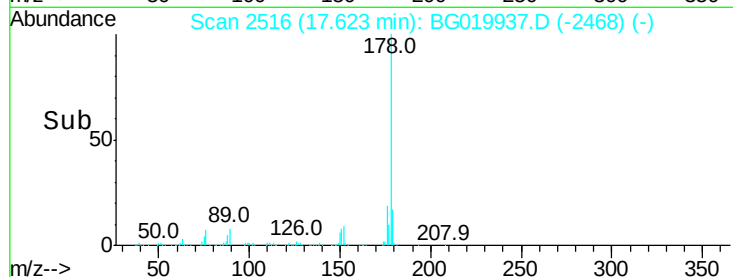
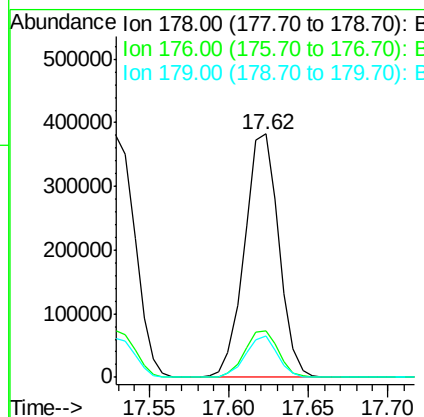
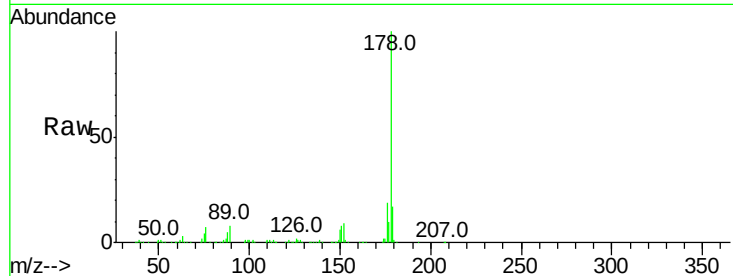
#71
 Anthracene
 Concen: 39.37 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	572101		
176	19.1	16.8	25.2	
179	17.1	13.9	20.9	

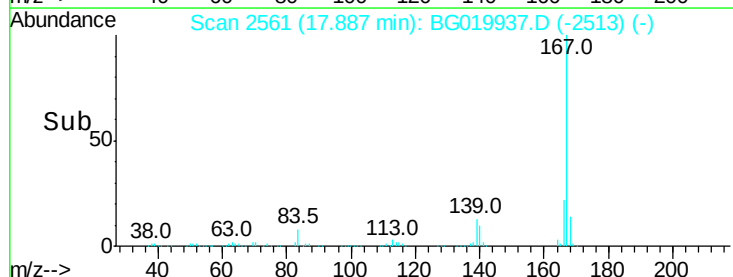
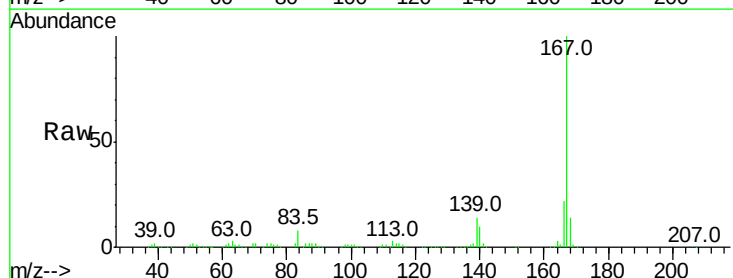
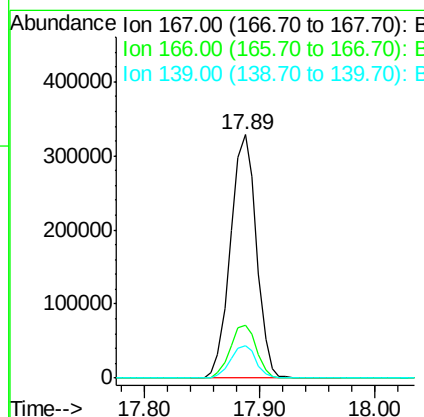
Manual Integrations
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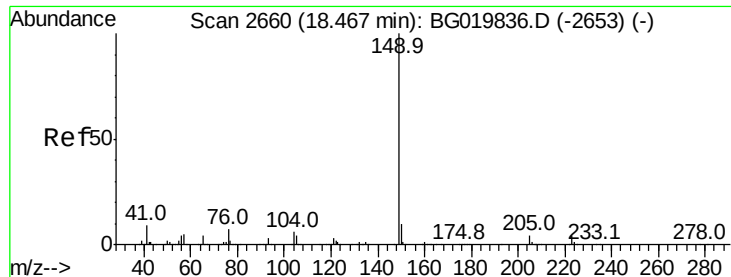
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#72
 Carbazole
 Concen: 39.86 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	510262		
166	22.0	19.0	28.6	
139	13.6	10.2	15.4	





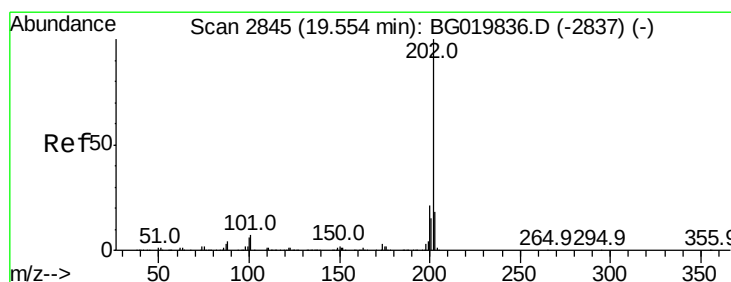
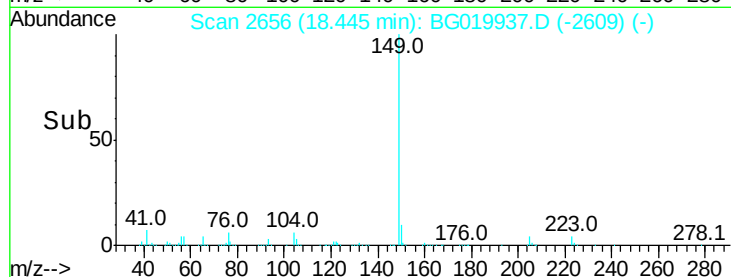
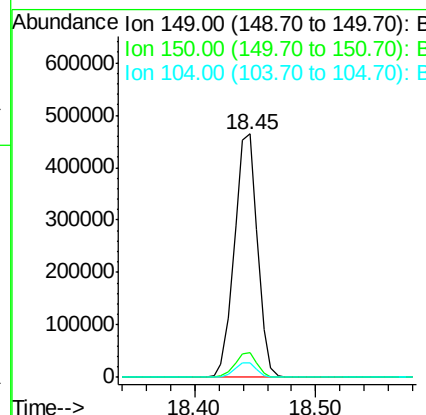
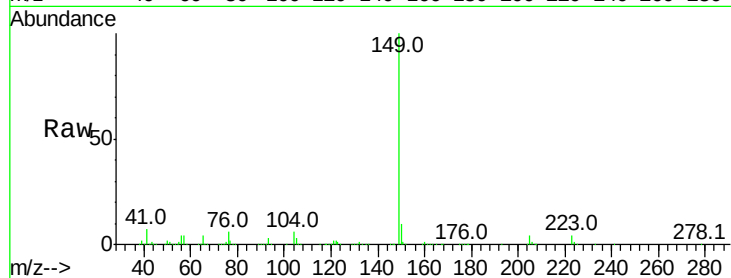
#73
Di-n-butylphthalate
Concen: 39.22 ng
RT: 18.45 min Scan# 2656
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.9	8.2	12.4
104	5.8	4.4	6.6

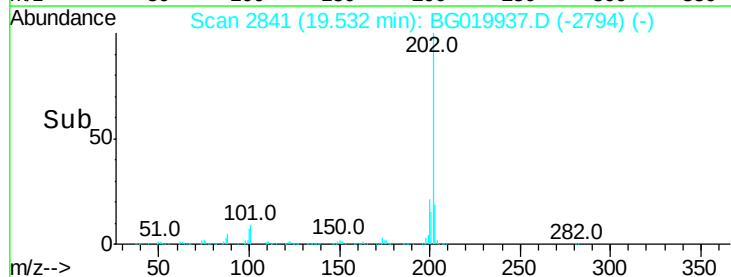
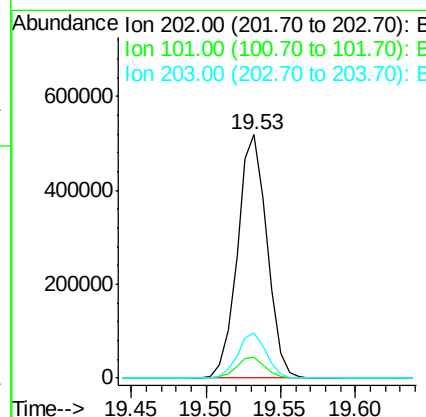
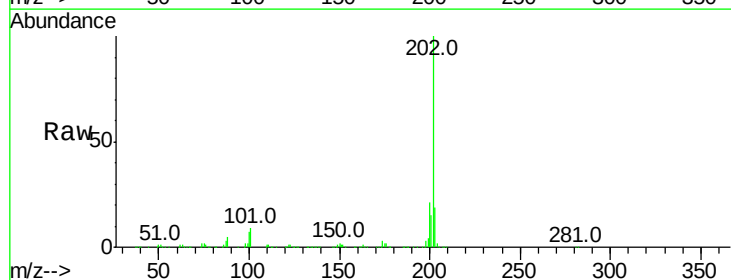
Manual Integrations
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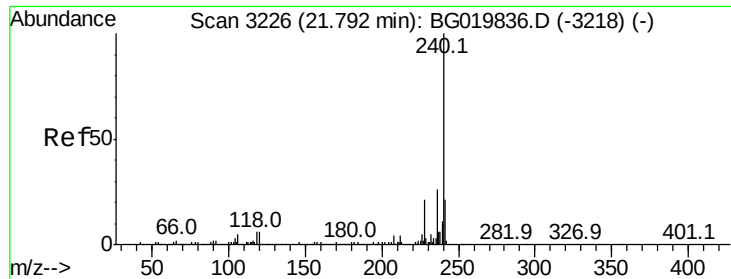
Mmdadoda
12/7/2015 6:29:48 PM



#74
Fluoranthene
Concen: 39.02 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	0.0	32.4
203	18.7	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

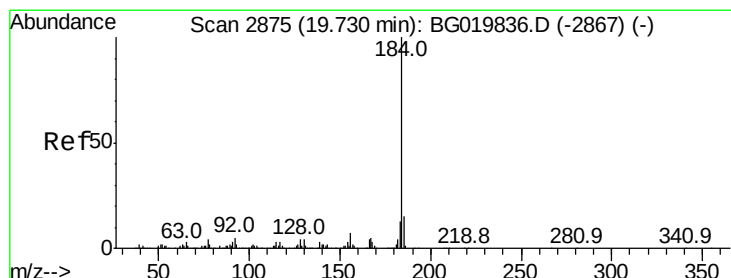
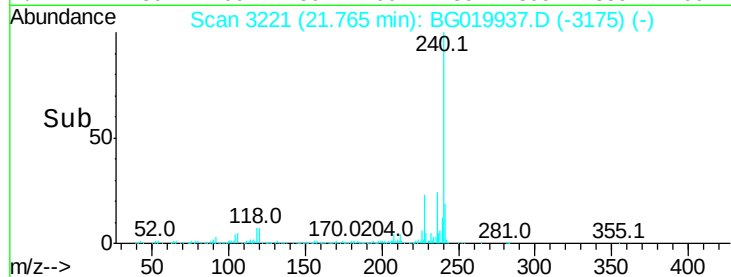
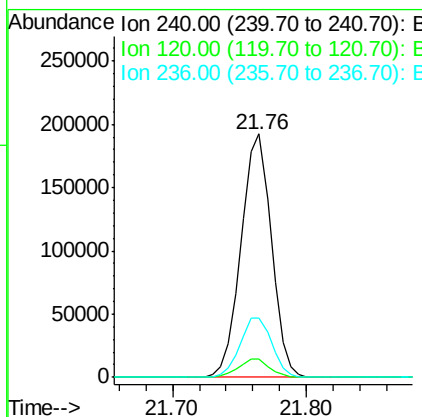
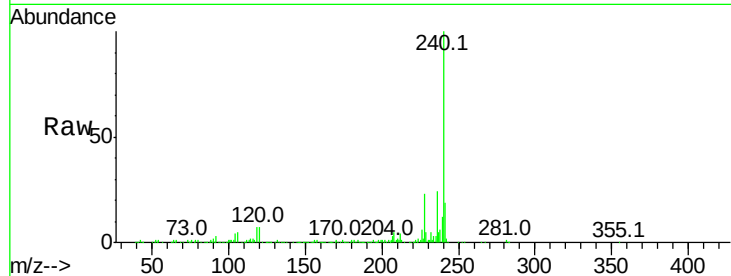
ClientSampleId :

PB87014BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.4	11.0#
236	24.4	20.7	31.1

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#76

Benzidine

Concen: 29.87 ng

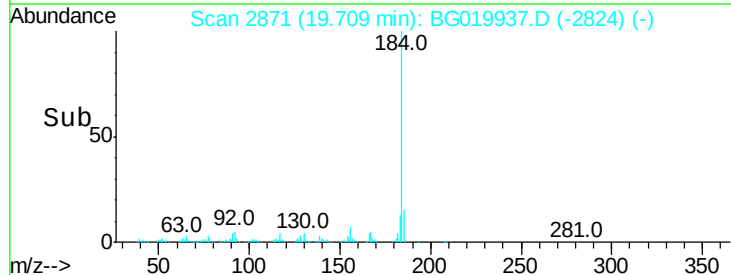
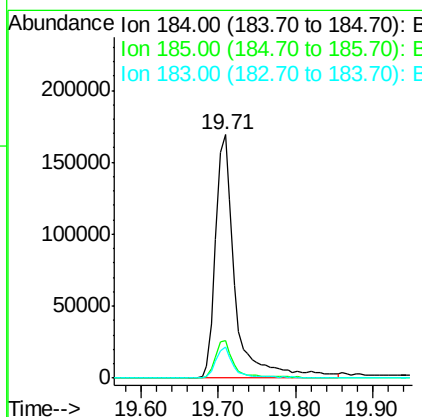
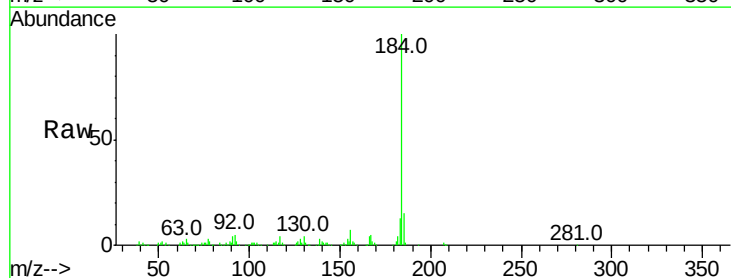
RT: 19.71 min Scan# 2871

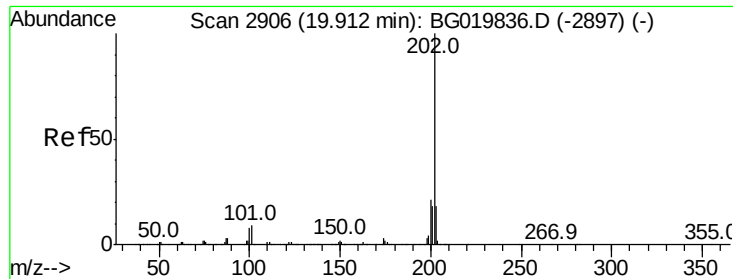
Delta R.T. -0.02 min

Lab File: BG019937.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.2
183	12.6	10.1	15.1





#77

Pvrene

Concen: 40.80 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

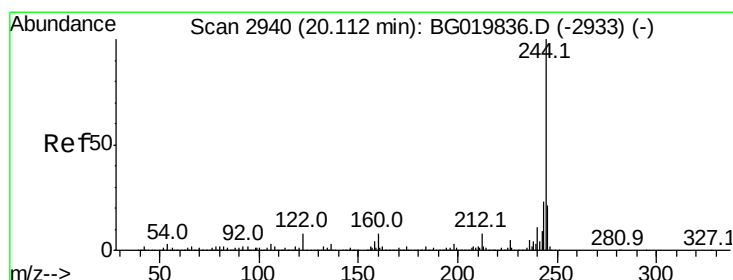
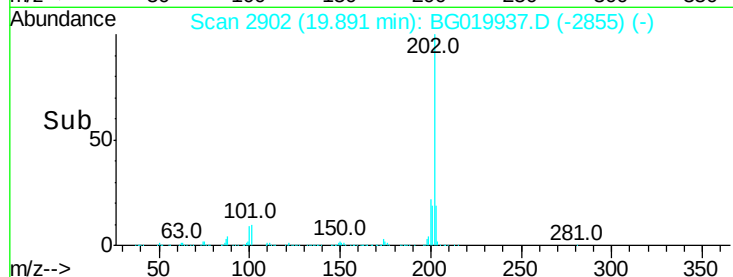
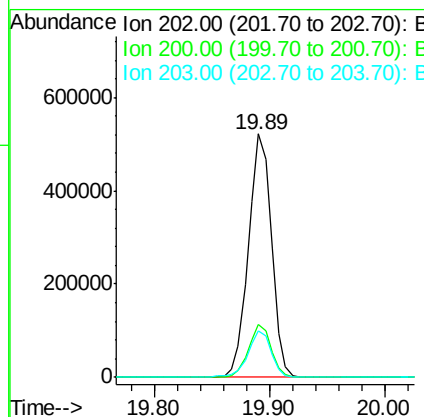
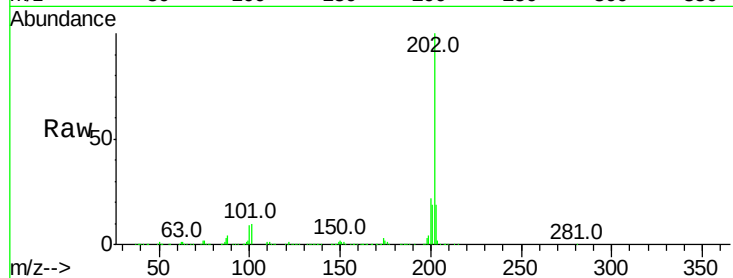
ClientSampleId :

PB87014BSD

Tot Ion:	202	Resp:	726070
Ion Ratio	Lower	Upper	
202	100		
200	21.7	19.4	29.0
203	18.9	15.5	23.3

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#78

Terphenyl-d14

Concen: 78.27 ng

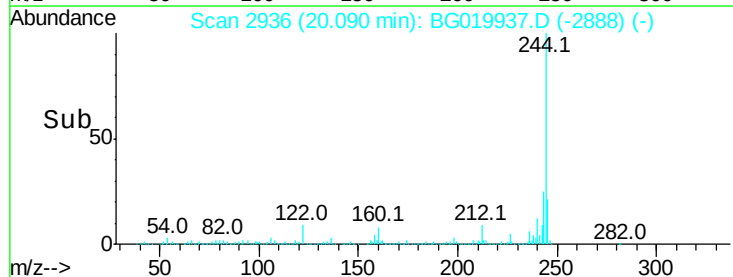
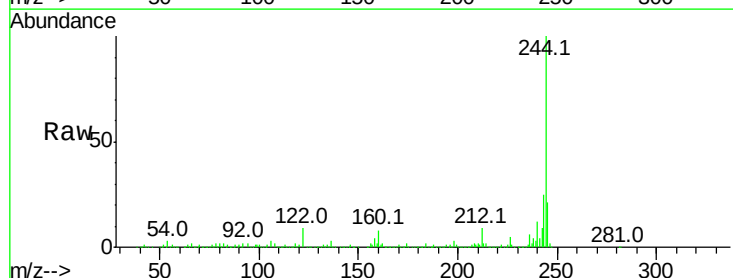
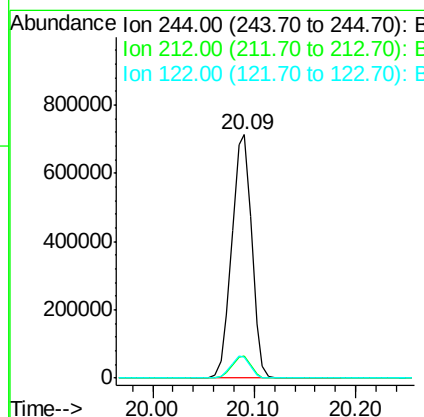
RT: 20.09 min Scan# 2936

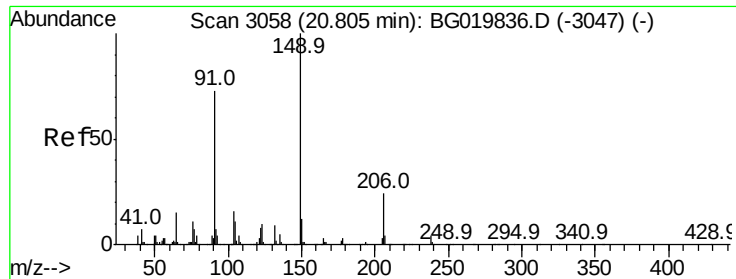
Delta R.T. -0.02 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion:	244	Resp:	970537
Ion Ratio	Lower	Upper	
244	100		
212	8.9	6.9	10.3
122	8.7	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 40.92 ng

RT: 20.77 min Scan# 3052

Delta R.T. -0.03 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

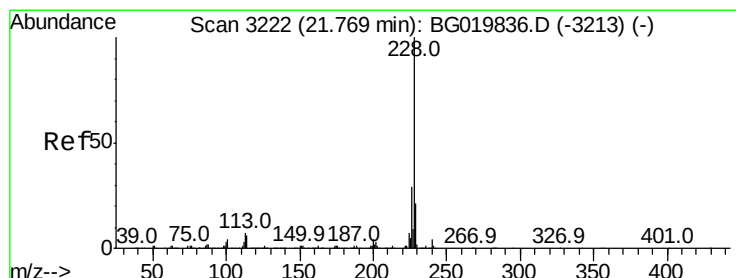
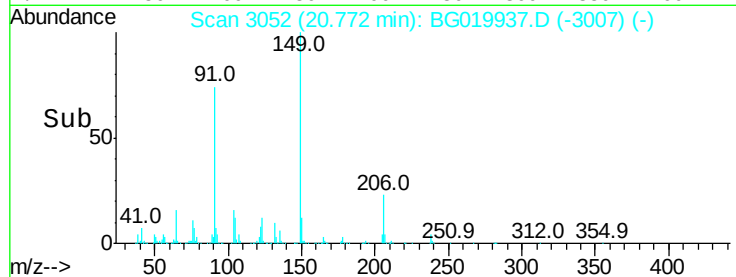
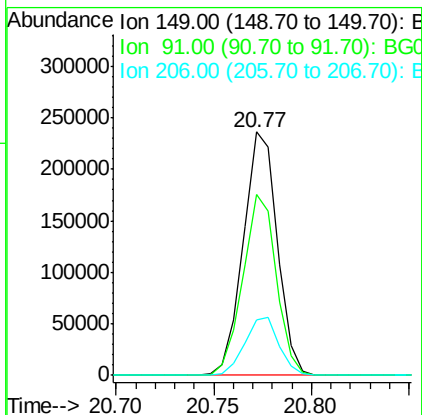
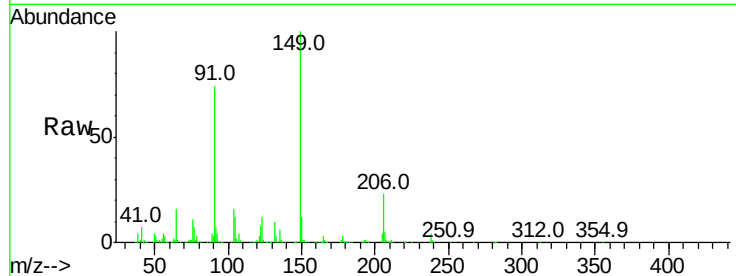
ClientSampleId :

PB87014BSD

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Tot Ion:	149	Resp:	285394
Ion Ratio	Lower	Upper	
149	100		
91	74.1	58.1	87.1
206	22.8	17.8	26.8



#80

Benzo(a)anthracene

Concen: 39.94 ng

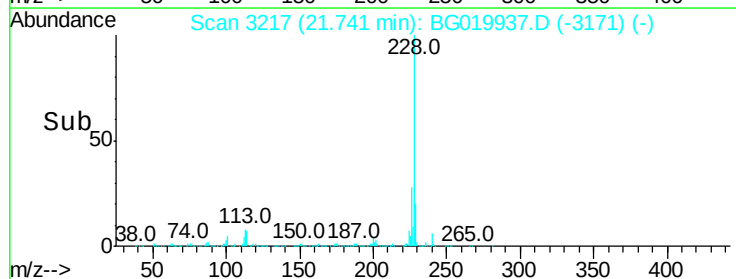
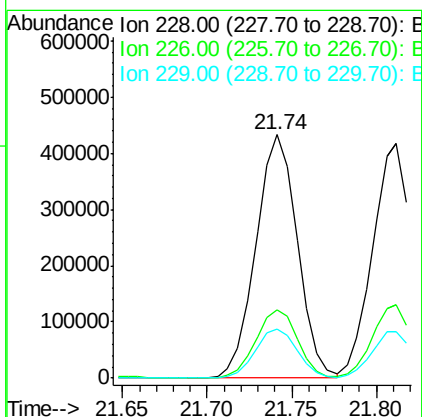
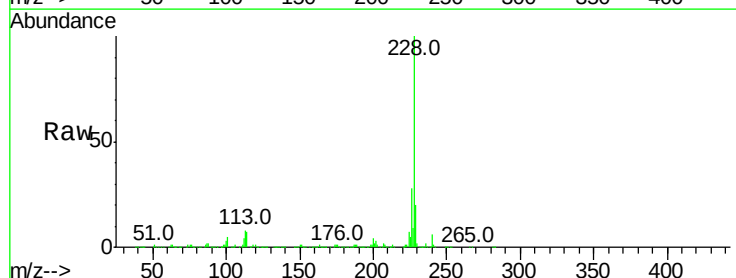
RT: 21.74 min Scan# 3217

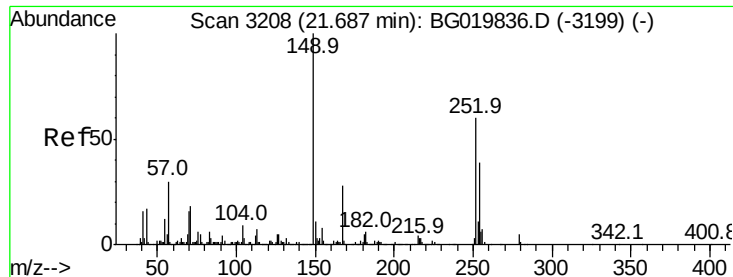
Delta R.T. -0.03 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion:	228	Resp:	739414
Ion Ratio	Lower	Upper	
228	100		
226	28.1	23.4	35.0
229	20.2	16.6	25.0





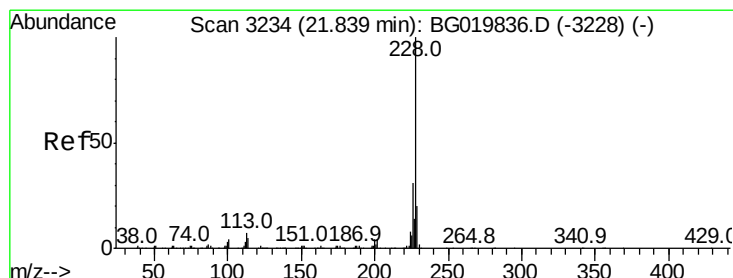
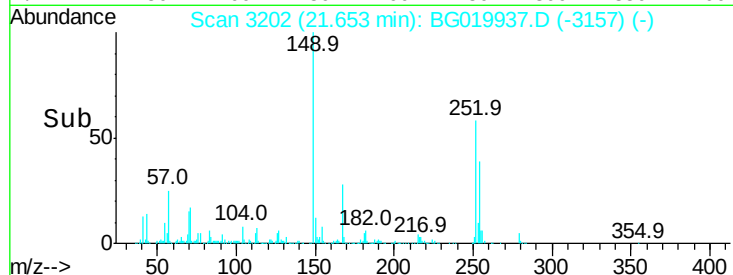
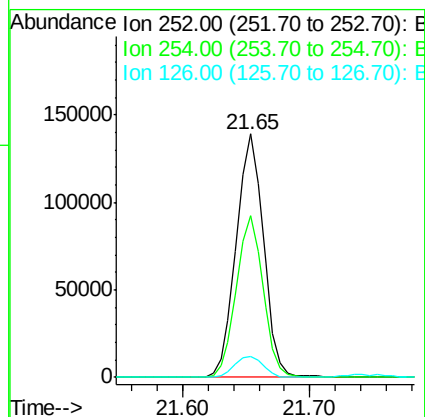
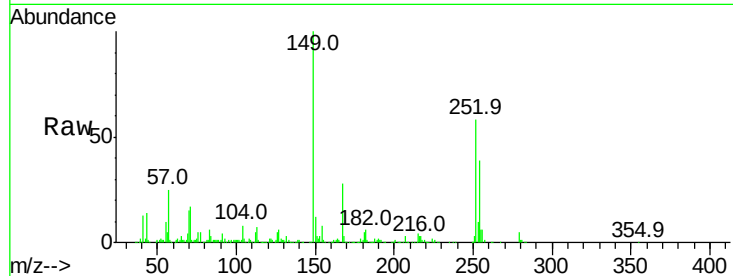
#81
 3,3'-Dichlorobenzidine
 Concen: 29.48 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.03 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.5	52.5	78.7
126	8.8	8.5	12.7

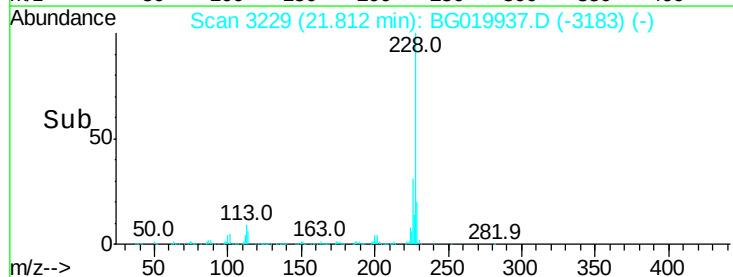
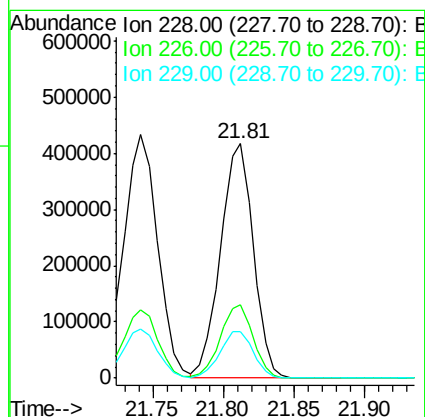
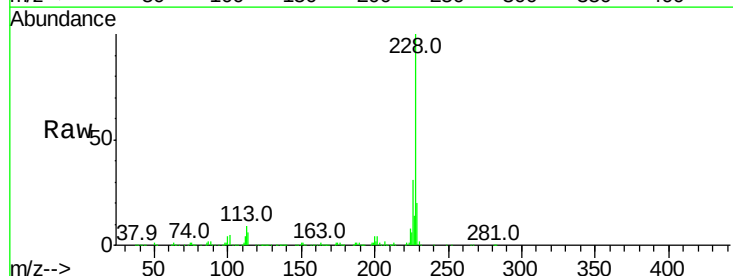
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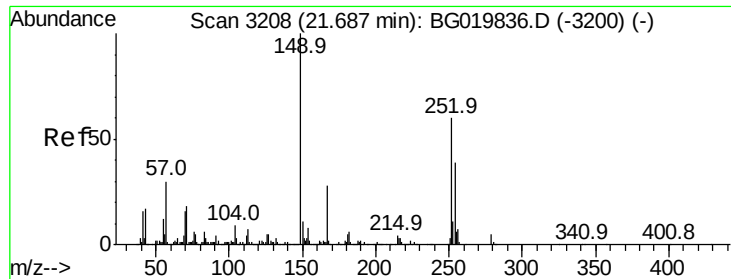
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#82
 Chrysene
 Concen: 38.33 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

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





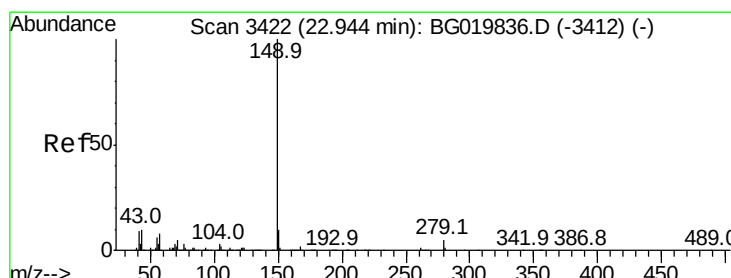
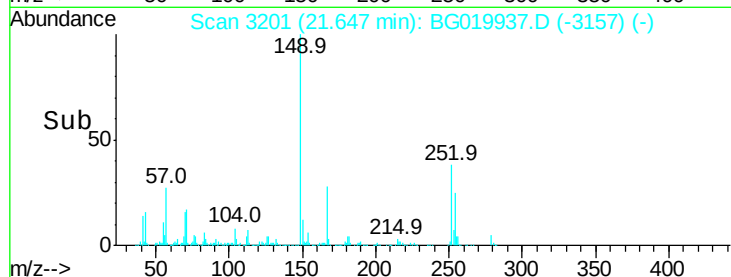
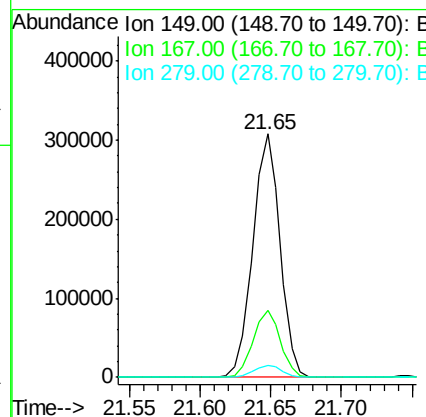
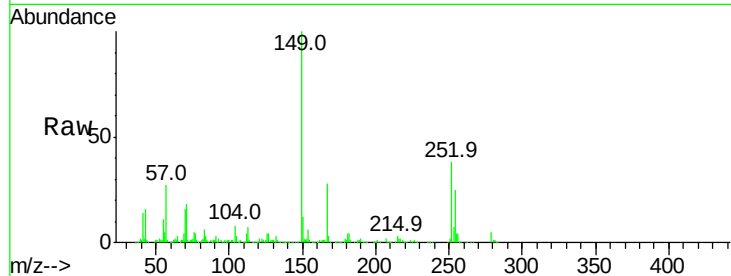
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.57 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.7	23.8	35.8	
279	4.9	3.4	5.2	

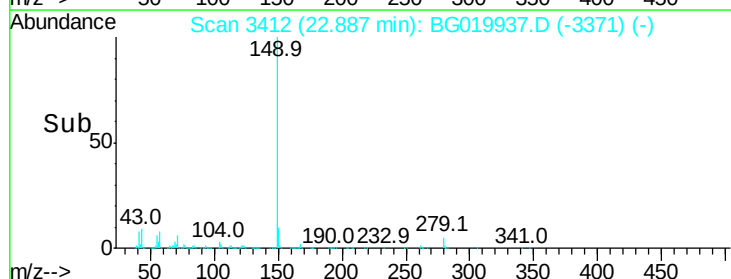
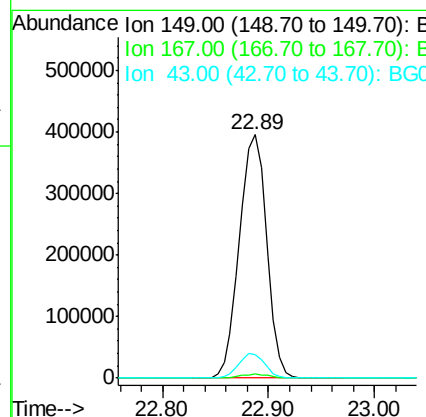
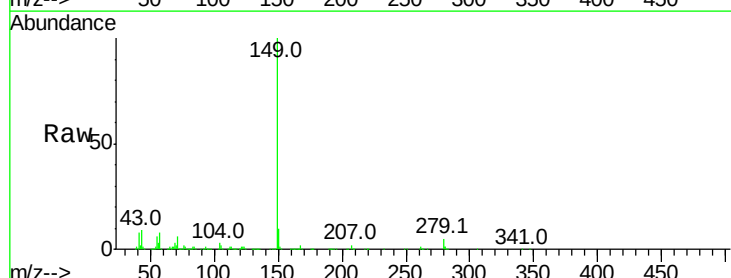
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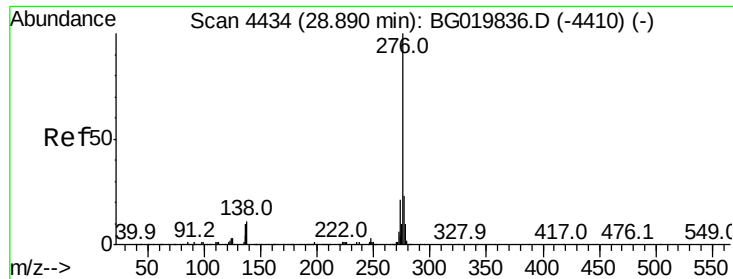
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#84
 Di-n-octyl phthalate
 Concen: 42.41 ng
 RT: 22.89 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	9.9	5.9	8.9	





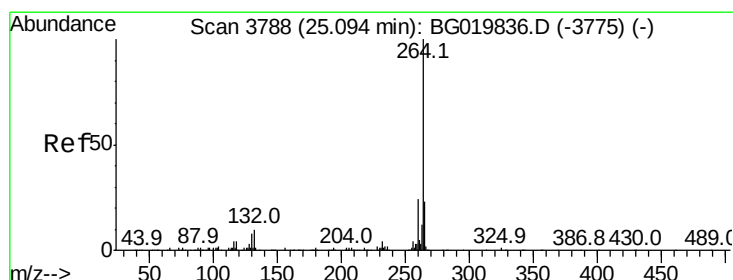
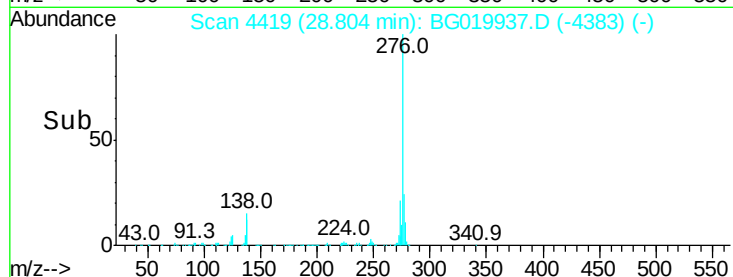
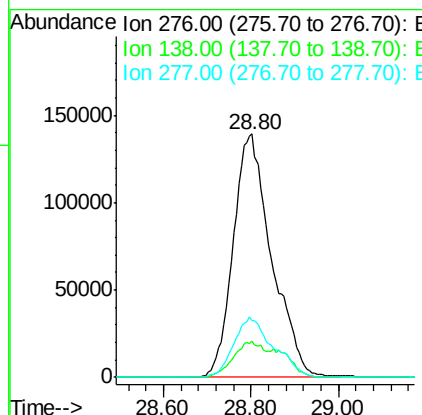
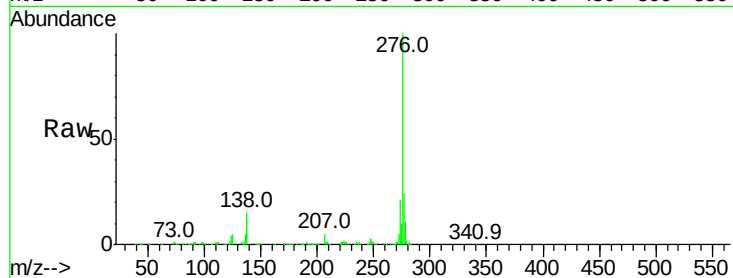
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.84 ng
RT: 28.80 min Scan# 4419
Delta R.T. -0.09 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	11.3	0.0	0.0#
277	25.5	0.0	0.0#

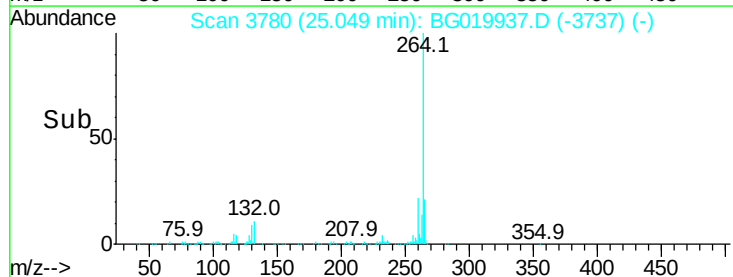
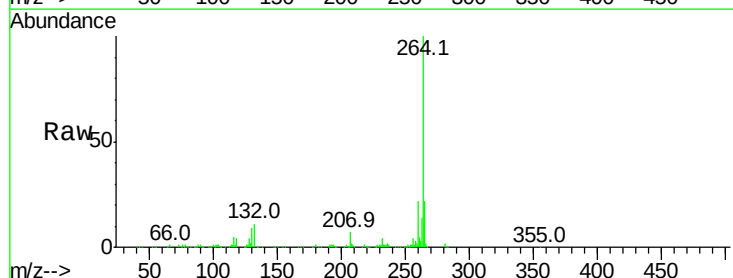
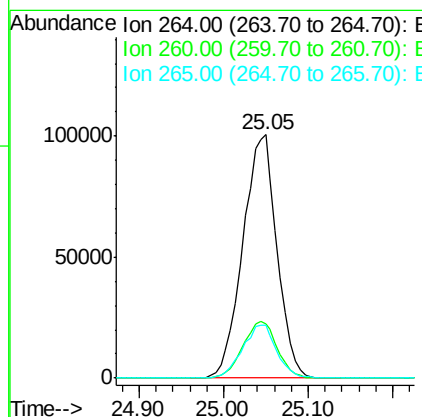
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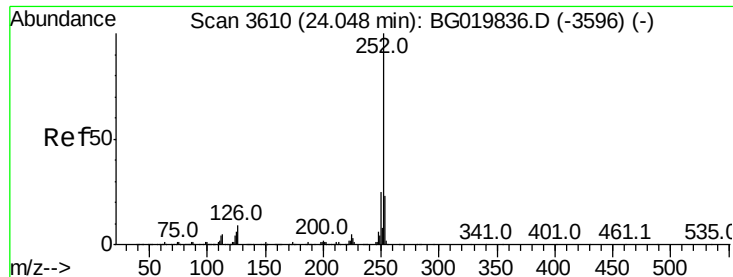
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.04 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.3	18.5	27.7
265	21.6	17.2	25.8





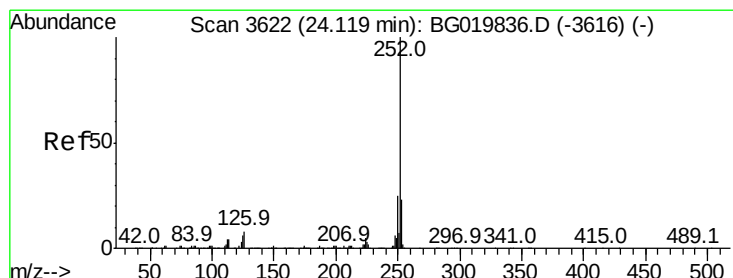
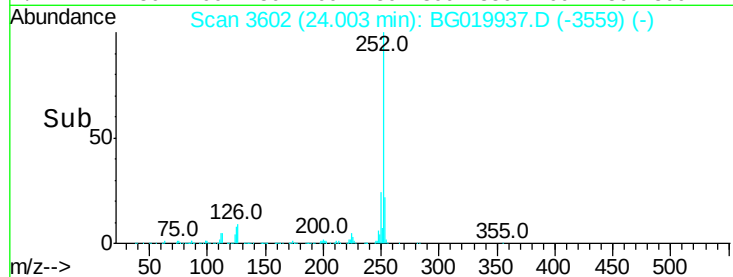
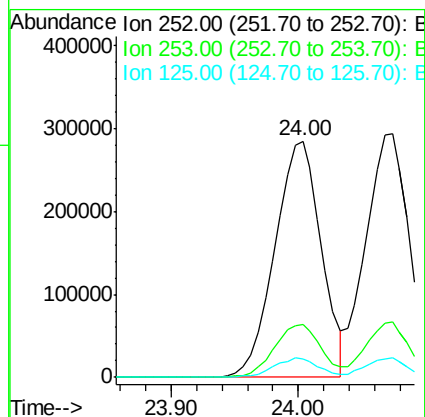
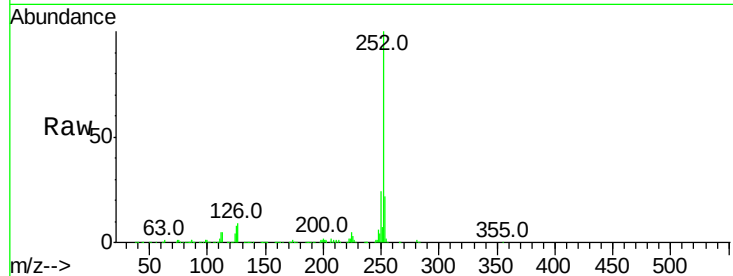
#87
Benzo(b)fluoranthene
Concen: 40.60 ng
RT: 24.00 min Scan# 3602
Delta R.T. -0.04 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.1	28.7
125	7.8	8.9	13.3#

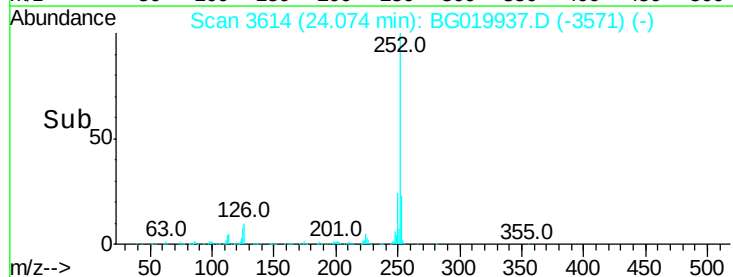
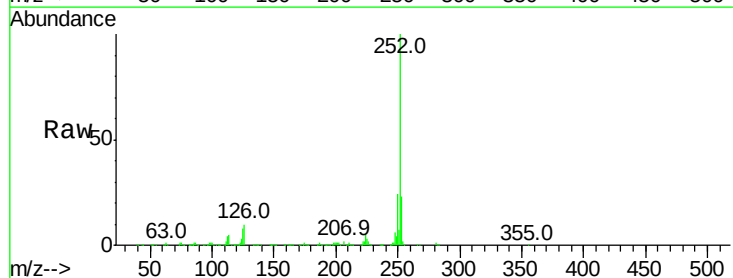
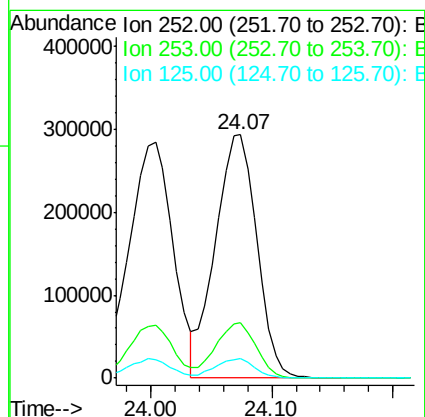
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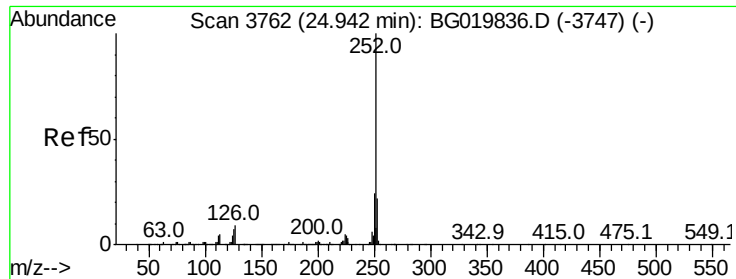
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#88
Benzo(k)fluoranthene
Concen: 39.42 ng
RT: 24.07 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG019937.D
Acq: 5 Dec 2015 11:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.4
125	7.8	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 40.81 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Instrument :

BNA_G

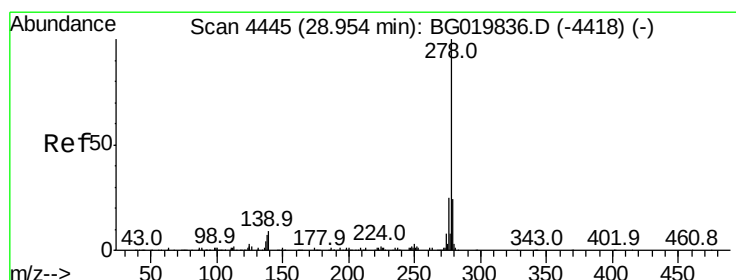
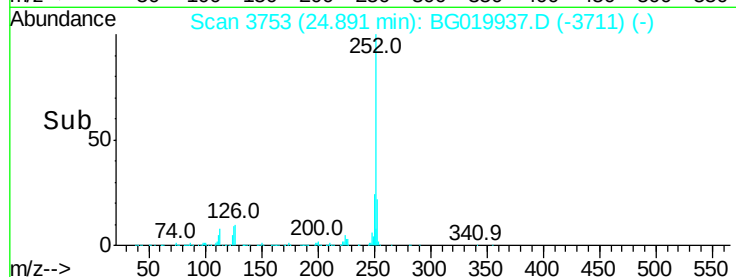
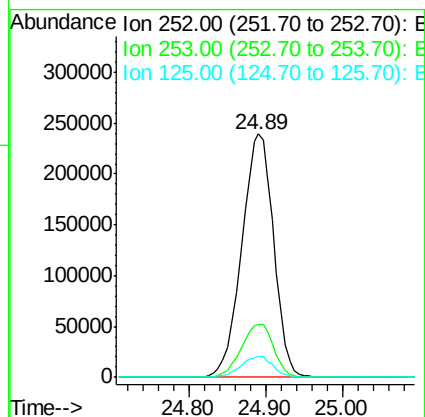
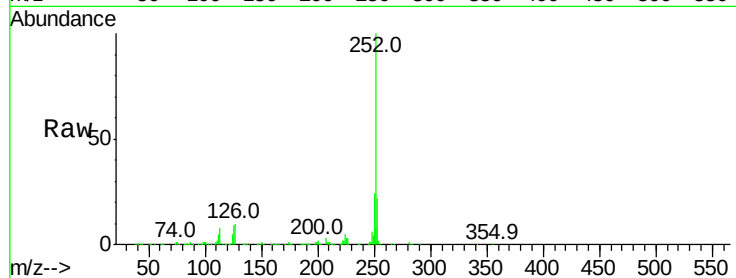
ClientSampleId :

PB87014BSD

Tot Ion:	252	Resp:	690669
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.7	28.1
125	8.8	9.1	13.7#

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#90

Dibenzo(a,h)anthracene

Concen: 40.40 ng

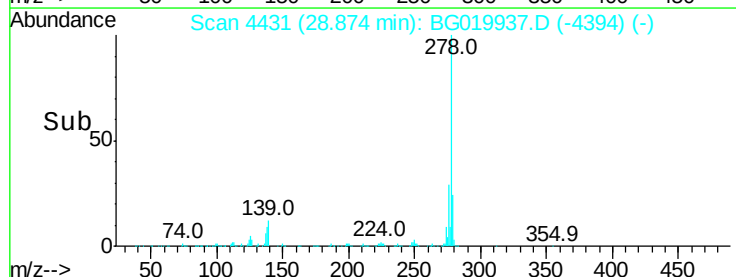
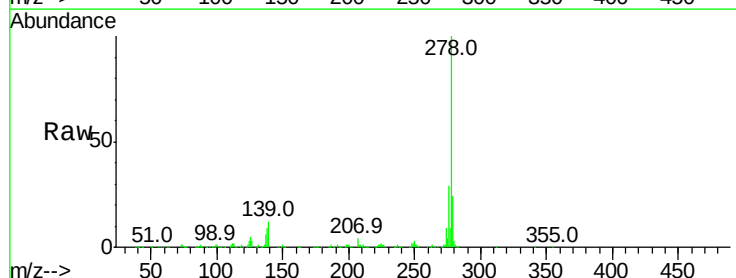
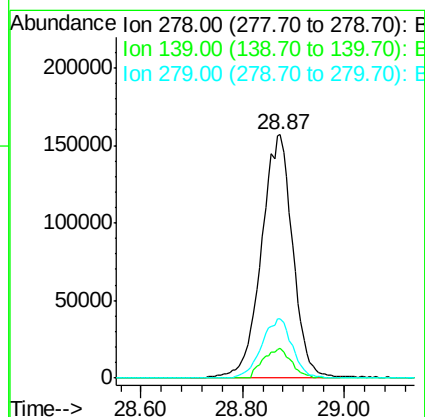
RT: 28.87 min Scan# 4431

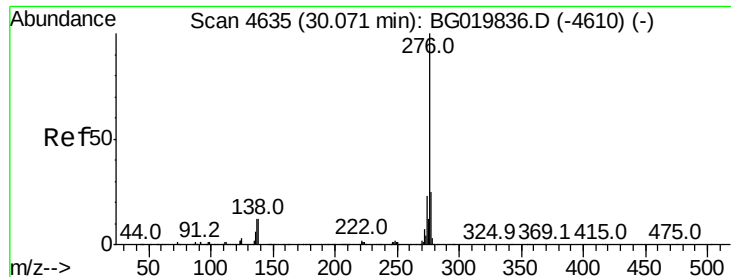
Delta R.T. -0.08 min

Lab File: BG019937.D

Acq: 5 Dec 2015 11:52

Tgt Ion:	278	Resp:	675507
Ion Ratio	Lower	Upper	
278	100		
139	12.3	13.8	20.6#
279	24.3	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 41.34 ng
 RT: 29.98 min Scan# 4619
 Delta R.T. -0.09 min
 Lab File: BG019937.D
 Acq: 5 Dec 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BSD

Tot Ion:	276	Resp:	678779
Ion Ratio		Lower	Upper
276	100		
277	22.8	18.4	27.6
138	15.0	17.4	26.0

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