

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019940.D
 Acq On : 5 Dec 2015 13:47
 Operator : UM/NP
 Sample : PB87008BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:29:49 PM

Quant Time: Dec 07 05:03:44 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31406	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	133647	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	95458	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	245986	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	296108	20.00	ng	-0.03
86) Perylene-d12	25.05	264	277829	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	231726	133.35	ng	-0.01
7) Phenol-d6	7.26	99	336707	128.34	ng	-0.01
23) Nitrobenzene-d5	9.28	82	216059	82.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	170728	116.89	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	523168	74.83	ng	-0.02
78) Terphenyl-d14	20.09	244	938831	77.34	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	23003	33.98	ng	# 100
3) Pyridine	3.92	79	71437	34.75	ng	# 81
4) n-Nitrosodimethylamine	3.84	42	37748	34.91	ng	84
6) Aniline	7.43	93	81856	24.09	ng	# 87
8) 2-Chlorophenol	7.68	128	86017	40.60	ng	96
9) Benzaldehyde	7.24	77	31386	17.94	ng	93
10) Phenol	7.29	94	118814	43.03	ng	80
11) bis(2-Chloroethyl)ether	7.53	93	78585	38.43	ng	87
12) 1,3-Dichlorobenzene	8.00	146	87709	36.52	ng	# 94
13) 1,4-Dichlorobenzene	8.15	146	90791	36.60	ng	# 92
14) 1,2-Dichlorobenzene	8.47	146	88413	37.37	ng	94
15) Benzyl Alcohol	8.35	79	91054	39.55	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	122679	36.78	ng	92
17) 2-Methylphenol	8.55	107	81437	41.78	ng	# 91
18) Hexachloroethane	9.21	117	34339	36.97	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	74885	36.19	ng	92
20) 3+4-Methylphenols	8.88	107	113135	41.22	ng	94
22) Acetophenone	8.94	105	132179	36.08	ng	# 94
24) Nitrobenzene	9.32	77	111366	39.21	ng	92
25) Isophorone	9.85	82	202726	36.11	ng	# 96
26) 2-Nitrophenol	10.04	139	48748	44.43	ng	# 78
27) 2,4-Dimethylphenol	10.09	122	93993	41.14	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	114607	41.78	ng	98
29) 2,4-Dichlorophenol	10.57	162	100165	42.92	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	98627	37.39	ng	94
31) Naphthalene	10.99	128	273783	38.24	ng	98
32) Benzoic acid	10.21	122	64439	42.62	ng	91
33) 4-Chloroaniline	11.09	127	44913	14.24	ng	# 95
34) Hexachlorobutadiene	11.27	225	68243	35.08	ng	97
35) Caprolactam	11.86	113	35609m	40.99	ng	
36) 4-Chloro-3-methylphenol	12.20	107	118985	40.94	ng	95
37) 2-Methylnaphthalene	12.58	142	211978	40.40	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	129820	35.84	ng	98
40) Hexachlorocyclopentadiene	12.93	237	147436	71.38	ng	99

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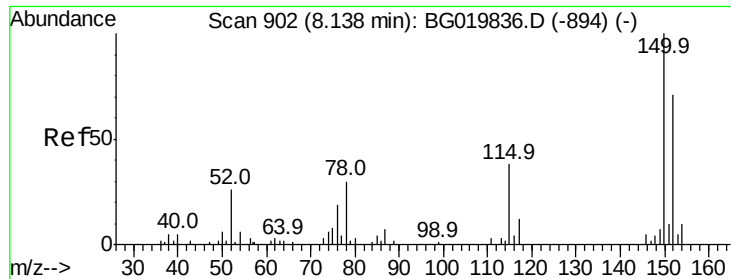
Manual Integrations
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Quant Time: Dec 07 05:03:44 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	91975	38.35	nq	97
43) 2,4,5-Trichlorophenol	13.25	196	104249	41.13	nq	96
45) 1,1'-Biphenyl	13.58	154	284853	36.36	nq	99
46) 2-Chloronaphthalene	13.63	162	226414	37.50	nq	95
47) 2-Nitroaniline	13.82	65	85201	44.67	nq	# 83
48) Acenaphthylene	14.47	152	378733	36.82	nq	99
49) Dimethylphthalate	14.20	163	312088	36.34	nq	98
50) 2,6-Dinitrotoluene	14.31	165	69259	42.90	nq	# 74
51) Acenaphthene	14.81	154	267367	42.84	nq	99
52) 3-Nitroaniline	14.64	138	47030	28.04	nq	95
53) 2,4-Dinitrophenol	14.85	184	72204	83.58	nq	# 88
54) Dibenzofuran	15.14	168	380451	40.98	nq	92
55) 4-Nitrophenol	14.94	139	119581	81.86	nq	# 69
56) 2,4-Dinitrotoluene	15.10	165	99338	44.10	nq	# 92
57) Fluorene	15.79	166	304271	36.61	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	99804	42.54	nq	99
59) Diethylphthalate	15.56	149	331385	35.66	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	168674	35.35	nq	97
61) 4-Nitroaniline	15.81	138	76077	40.33	nq	# 78
62) Azobenzene	16.08	77	315472	40.80	nq	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	57339	42.32	nq	92
65) n-Nitrosodiphenylamine	15.99	169	281350	39.52	nq	95
66) 4-Bromophenyl-phenylether	16.67	248	112433	36.78	nq	96
67) Hexachlorobenzene	16.79	284	121706	38.22	nq	99
68) Atrazine	16.94	200	120711	39.03	nq	95
69) Pentachlorophenol	17.13	266	157650	84.83	nq	92
70) Phenanthrene	17.53	178	540039	38.80	nq	97
71) Anthracene	17.62	178	546903	38.58	nq	96
72) Carbazole	17.88	167	488752	39.14	nq	98
73) Di-n-butylphthalate	18.44	149	586321	38.30	nq	98
74) Fluoranthene	19.53	202	679939	38.20	nq	96
76) Benzidine	19.71	184	183728	18.89	nq	98
77) Pyrene	19.89	202	698033	40.07	nq	95
79) Butylbenzylphthalate	20.78	149	269422	39.46	nq	97
80) Benzo(a)anthracene	21.75	228	705487	38.92	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	147253	21.33	nq	99
82) Chrysene	21.81	228	640743	37.23	nq	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	393201	39.24	nq	97
84) Di-n-octyl phthalate	22.88	149	669731	41.11	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	795086	41.94	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	695655	39.51	nq	# 96
88) Benzo(k)fluoranthene	24.07	252	664530	38.11	nq	# 96
89) Benzo(a)pyrene	24.89	252	667304	39.92	nq	# 95
90) Dibenzo(a,h)anthracene	28.87	278	650154	39.36	nq	# 95
91) Benzo(g,h,i)perylene	29.97	276	642444	39.61	nq	# 93

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



#1

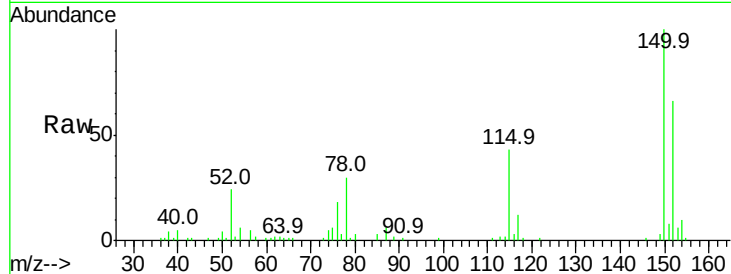
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

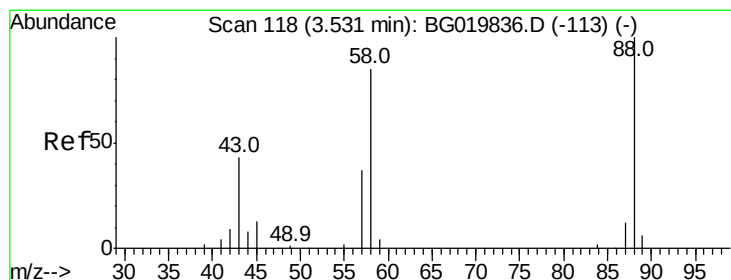
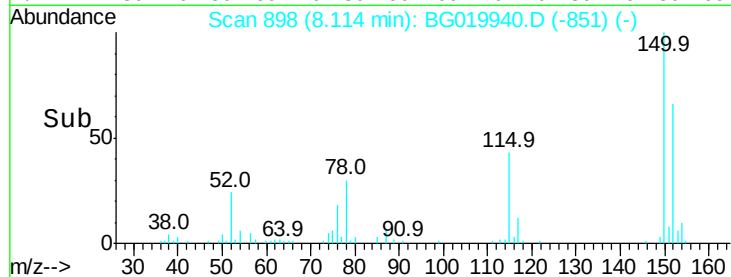
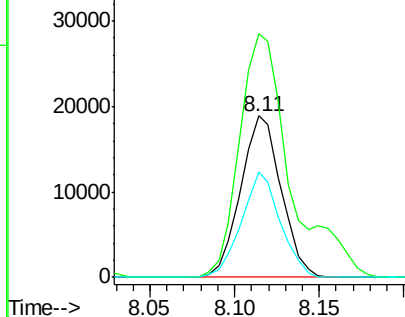
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	115.0	172.4
115	65.0	43.9	65.9

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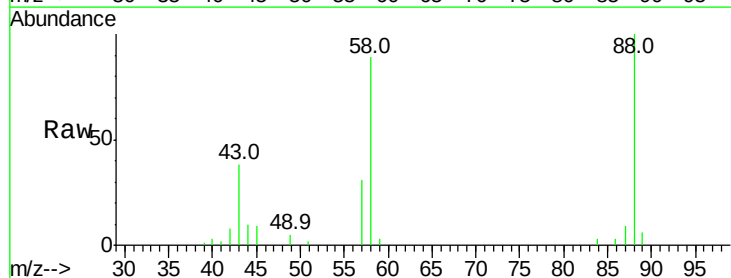
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



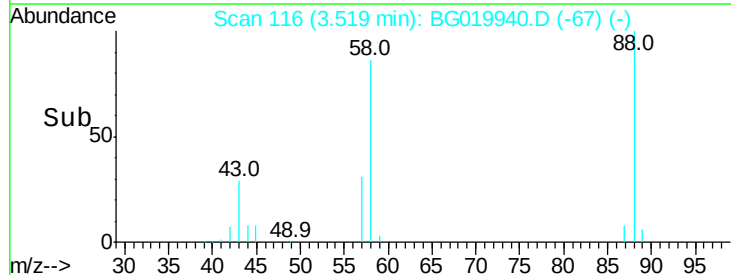
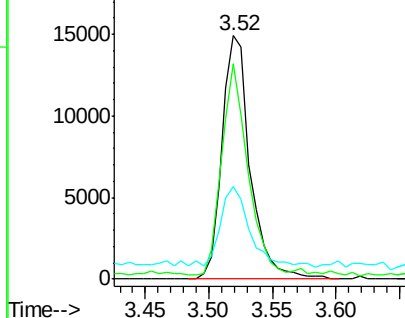
#2

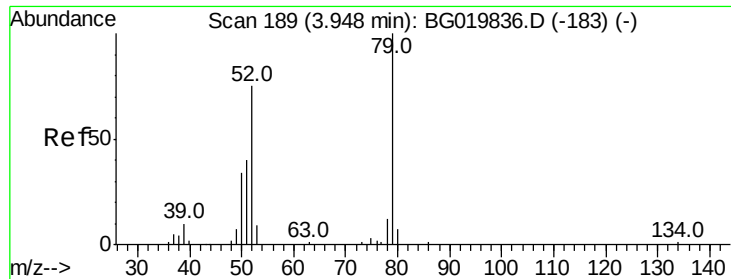
1,4-Dioxane
Concen: 33.98 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.8	0.0	0.0#
43	35.5	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: 34.75 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

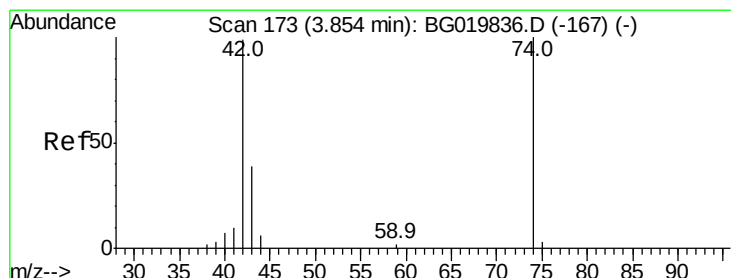
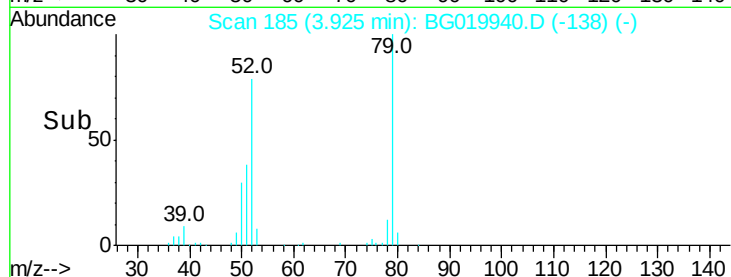
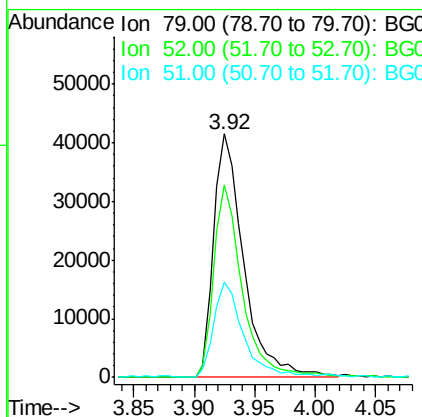
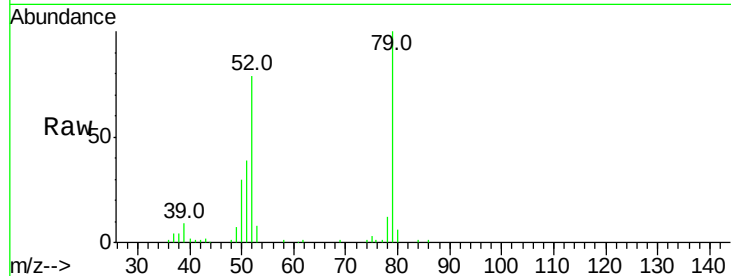
ClientSampleId :

PB87008BS

Tot Ion:	79	Resp:	71437
Ion Ratio	Lower	Upper	
79	100		
52	79.2	50.3	75.5#
51	39.0	24.8	37.2#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.91 ng

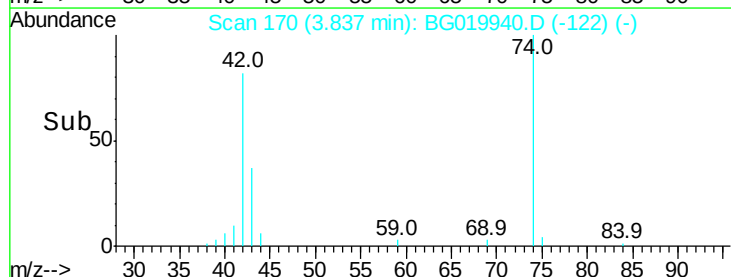
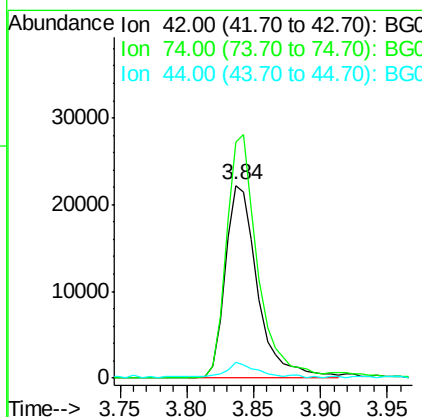
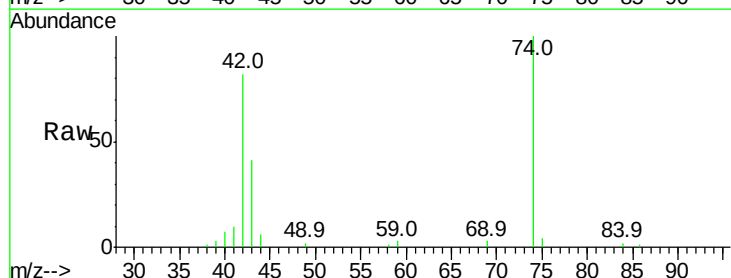
RT: 3.84 min Scan# 170

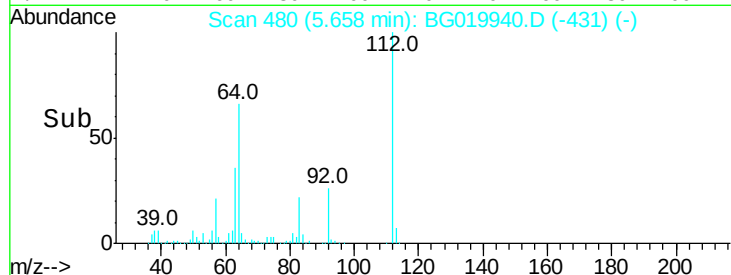
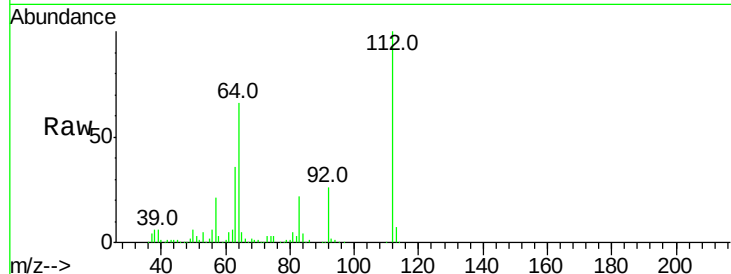
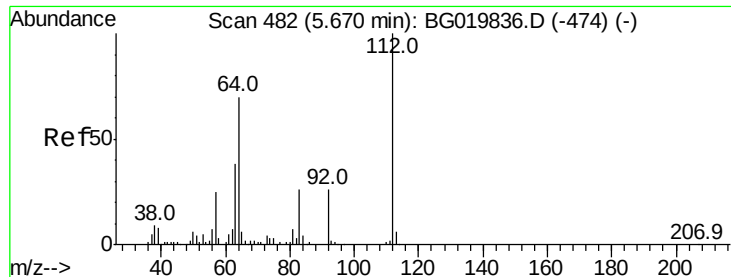
Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	42	Resp:	37748
Ion Ratio	Lower	Upper	
42	100		
74	122.5	113.9	170.9
44	7.9	5.7	8.5





#5

2-Fluorophenol

Concen: 133.35 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tot Ion:	112	Resp:	231726
Ion Ratio	Lower	Upper	
112	100		
64	66.0	43.7	65.5#
63	36.0	24.0	36.0

Instrument :

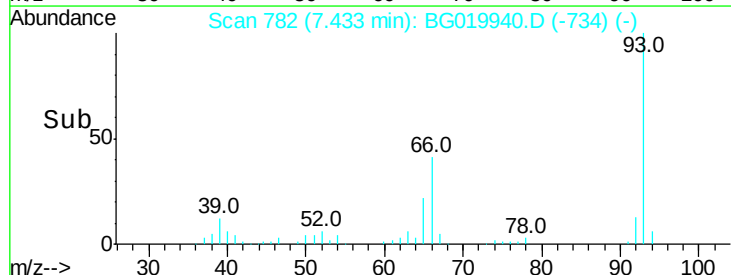
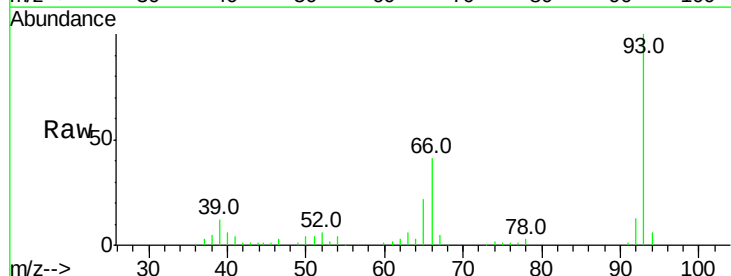
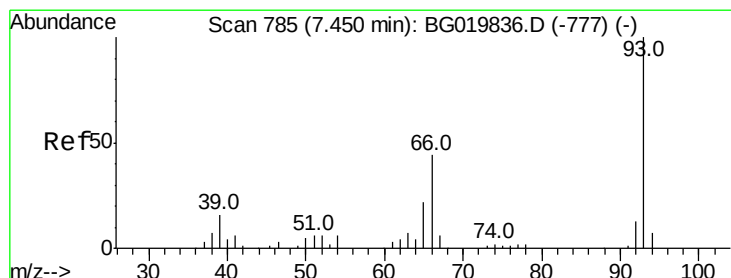
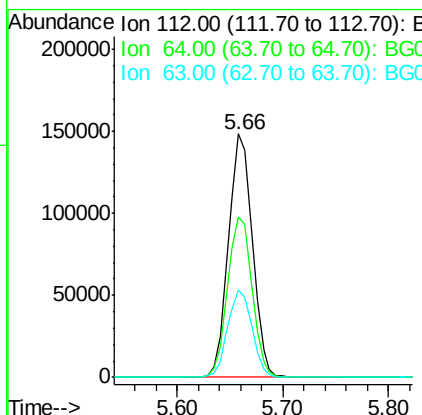
BNA_G

ClientSampleId :

PB87008BS

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#6

Aniline

Concen: 24.09 ng

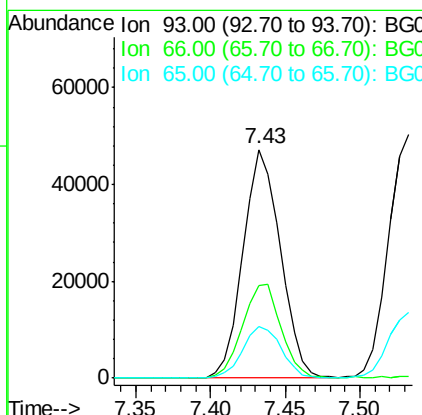
RT: 7.43 min Scan# 782

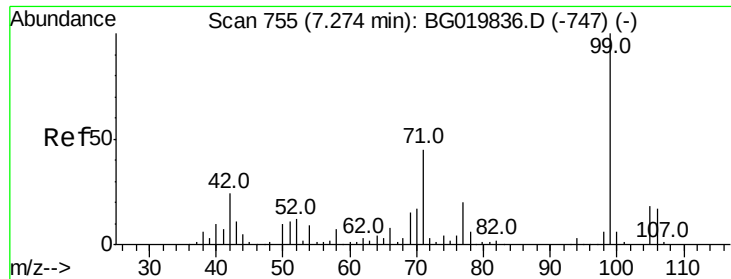
Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	93	Resp:	81856
Ion Ratio	Lower	Upper	
93	100		
66	40.7	26.2	39.2#
65	22.4	14.0	21.0#





#7

Phenol-d6

Concen: 128.34 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

ClientSampleId :

PB87008BS

Tot Ion: 99 Resp: 336707

Ion Ratio Lower Upper

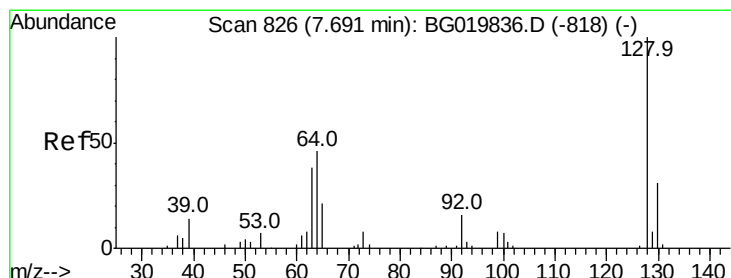
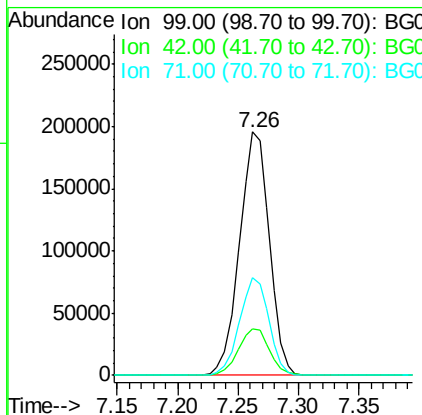
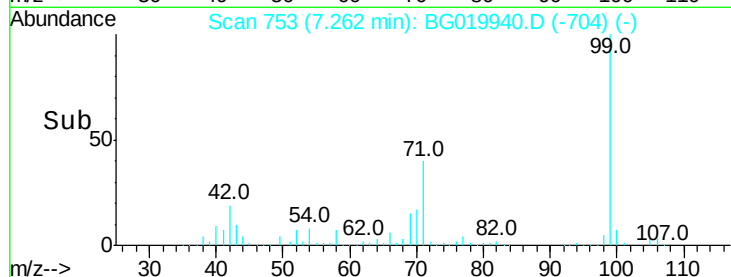
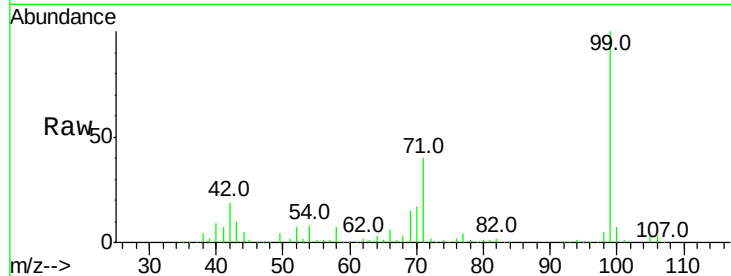
99 100

42 19.3 11.5 17.3#

71 39.9 22.6 34.0#

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#8

2-Chlorophenol

Concen: 40.60 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

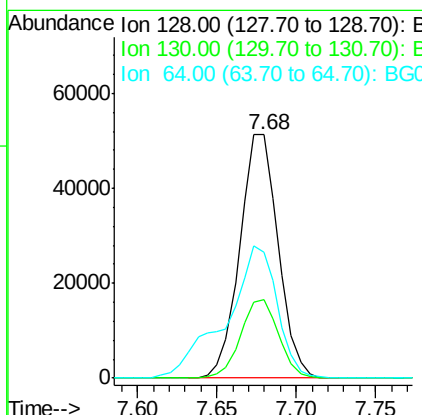
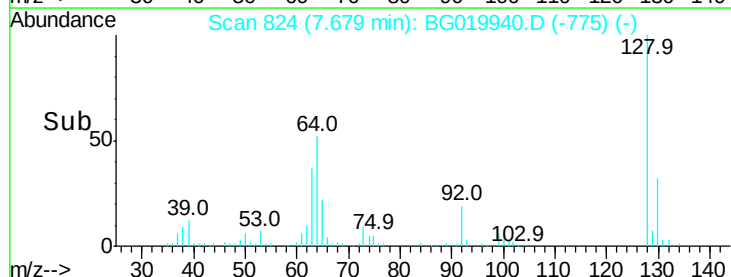
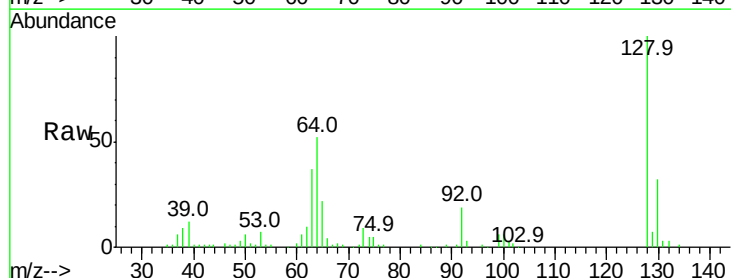
Tgt Ion: 128 Resp: 86017

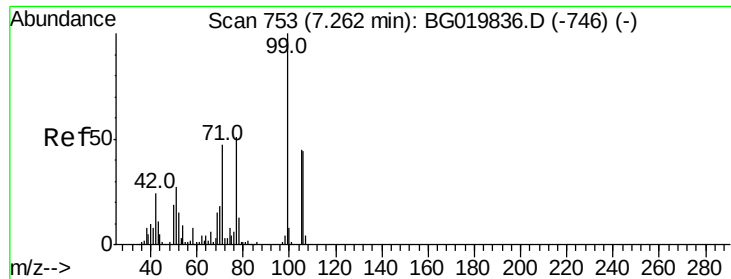
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 51.8 28.2 68.2





#9

Benzaldehyde

Concen: 17.94 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

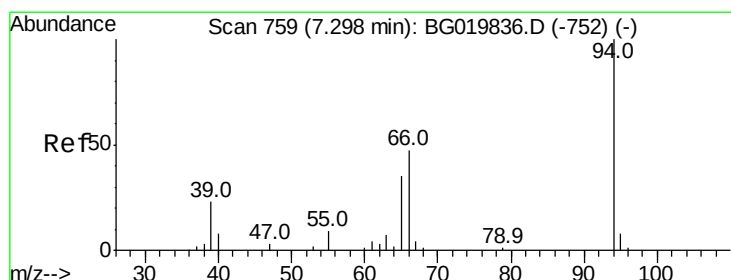
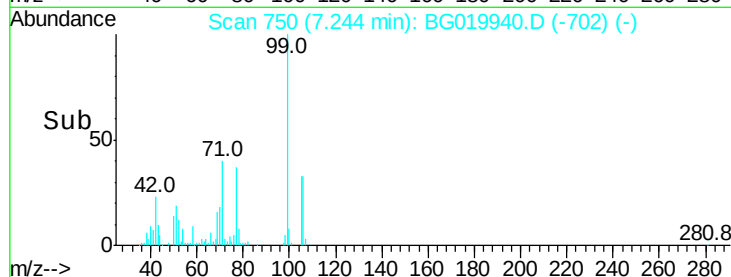
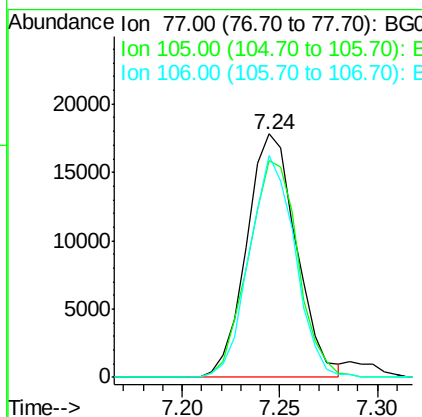
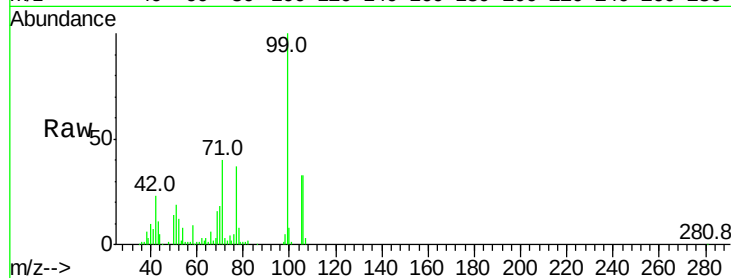
ClientSampleId :

PB87008BS

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12/7/2015 6:29:49 PM

Tot Ion:	77	Resp:	31386
Ion	Ratio	Lower	Upper
77	100		
105	88.8	77.7	117.7
106	90.9	75.8	115.8



#10

Phenol

Concen: 43.03 ng

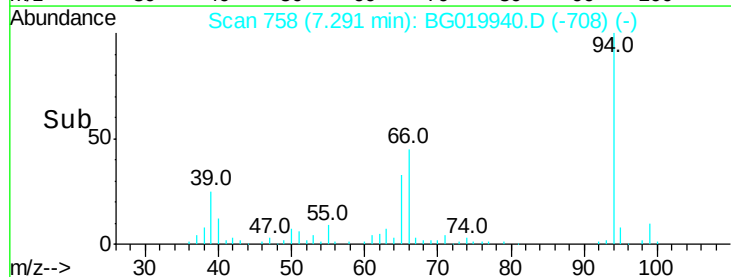
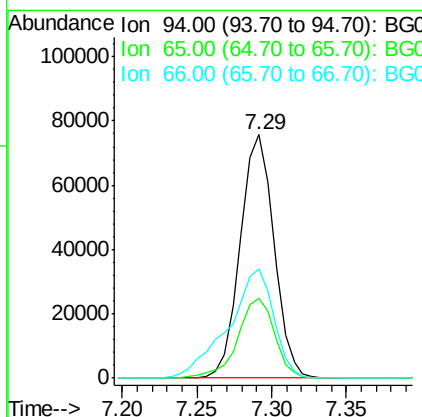
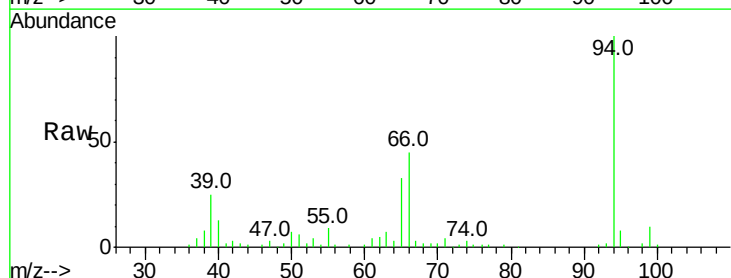
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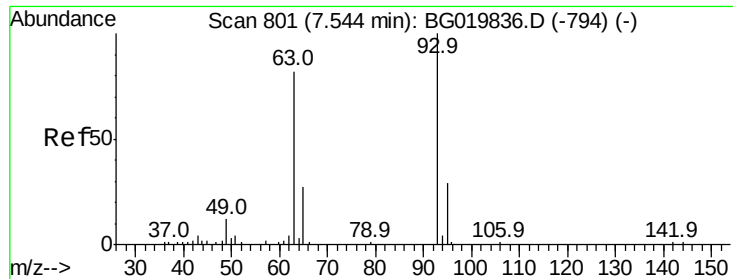
Delta R.T. -0.01 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	94	Resp:	118814
Ion	Ratio	Lower	Upper
94	100		
65	32.8	5.4	45.4
66	44.9	11.8	51.8





#11

bis(2-Chloroethyl)ether

Concen: 38.43 ng

RT: 7.53 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

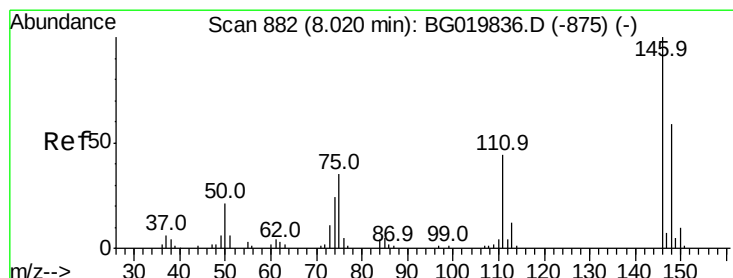
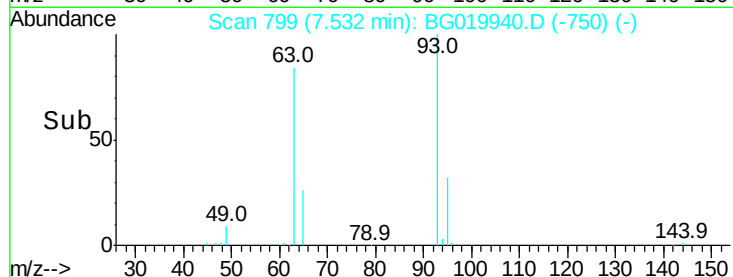
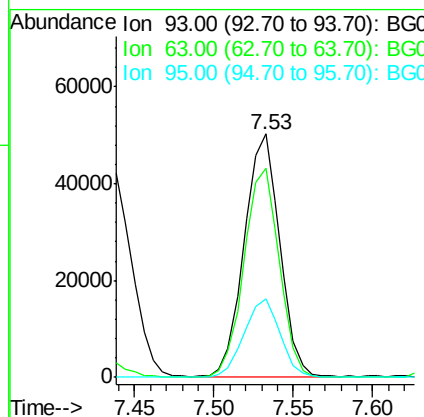
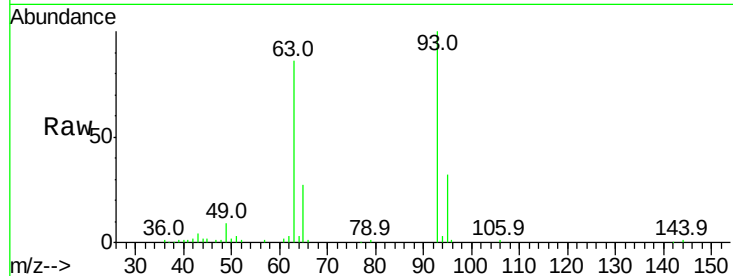
ClientSampleId :

PB87008BS

Tot Ion:	93	Resp:	78585
Ion	Ratio	Lower	Upper
93	100		
63	86.1	50.5	90.5
95	32.4	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 36.52 ng

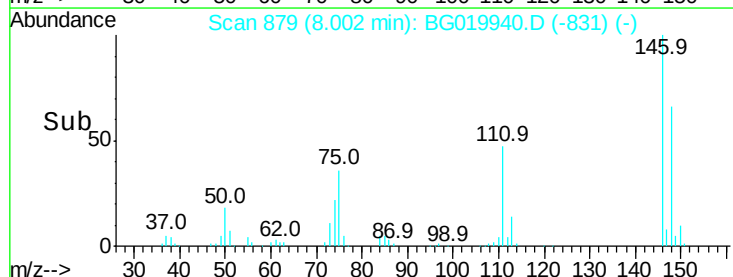
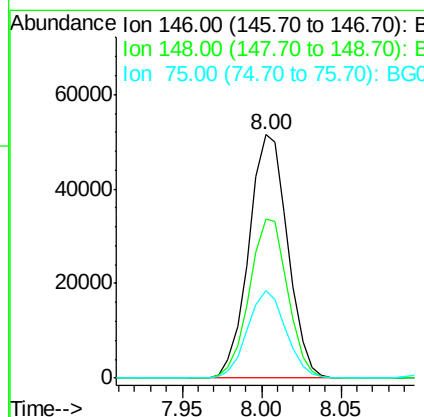
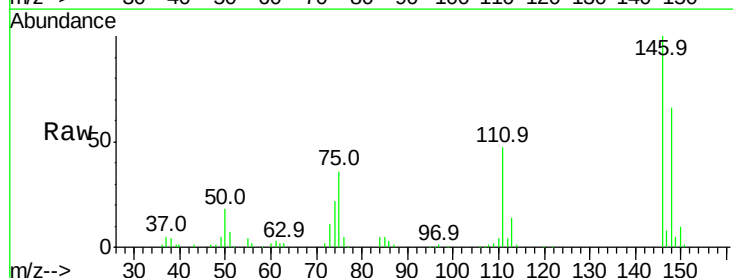
RT: 8.00 min Scan# 879

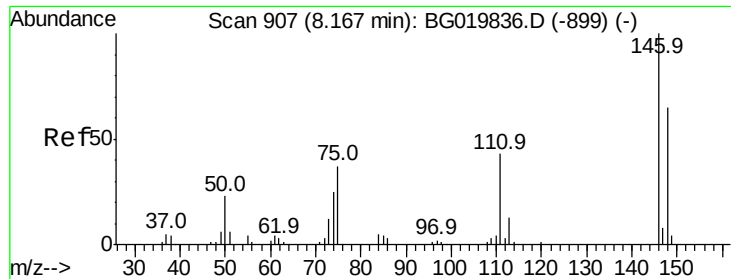
Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	146	Resp:	87709
Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.4	80.0
75	35.7	21.1	31.7#





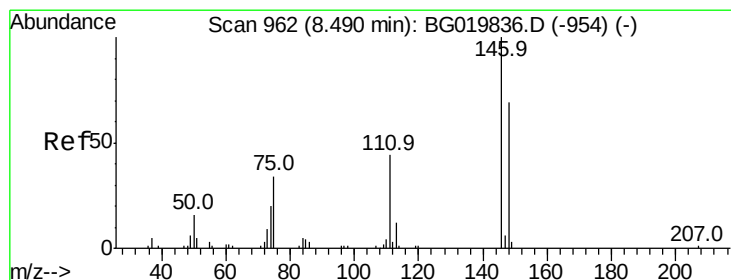
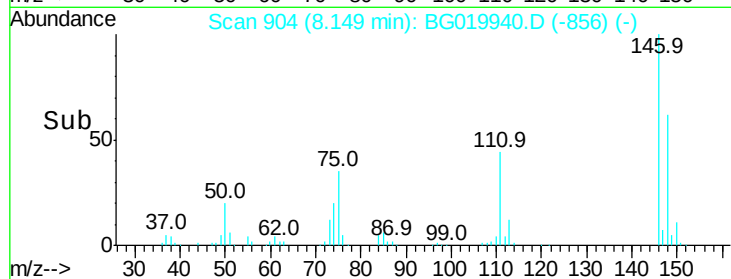
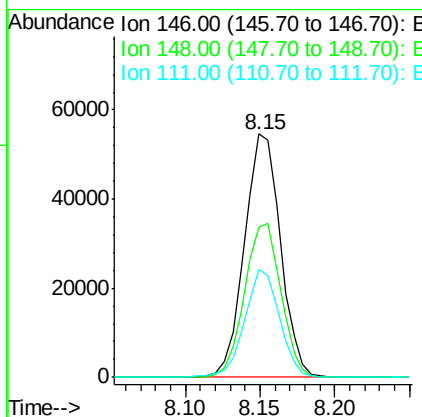
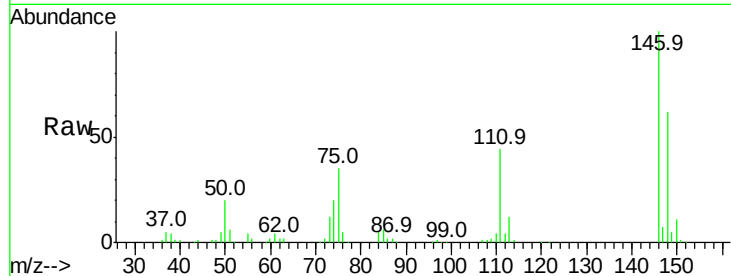
#13
 1,4-Dichlorobenzene
 Concen: 36.60 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	52.5	78.7
111	44.1	28.3	42.5

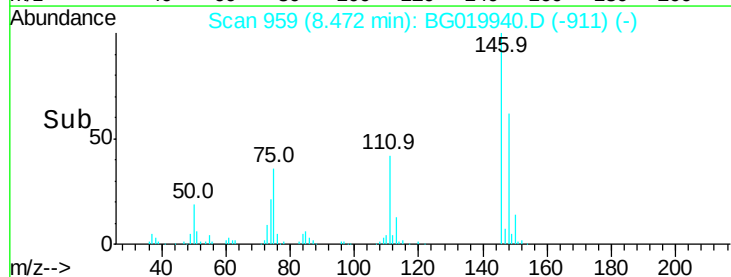
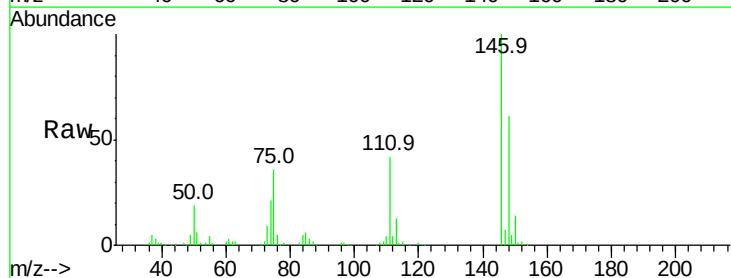
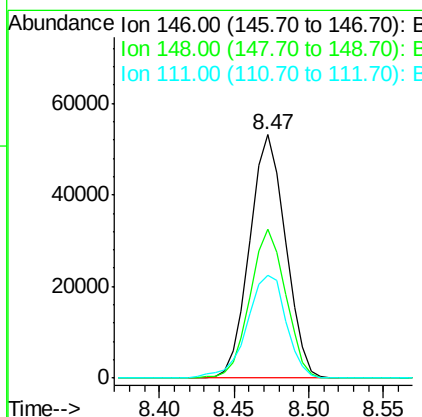
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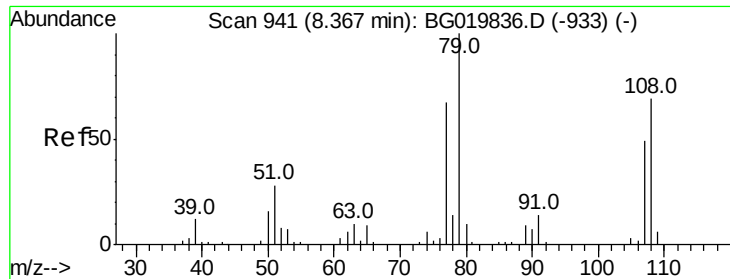
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#14
 1,2-Dichlorobenzene
 Concen: 37.37 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	52.5	78.7
111	42.3	29.9	44.9





#15

Benzyl Alcohol

Concen: 39.55 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

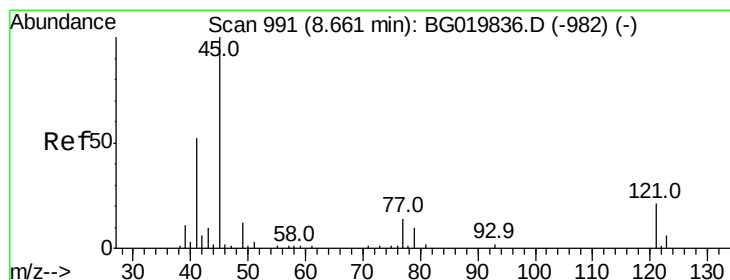
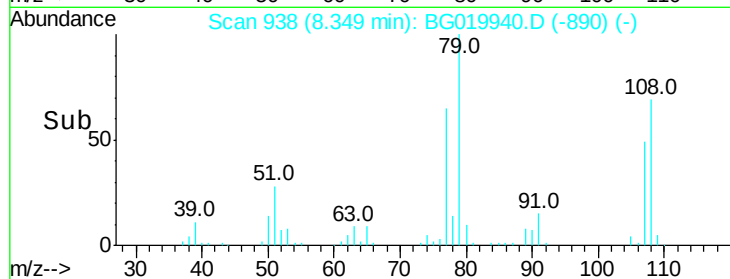
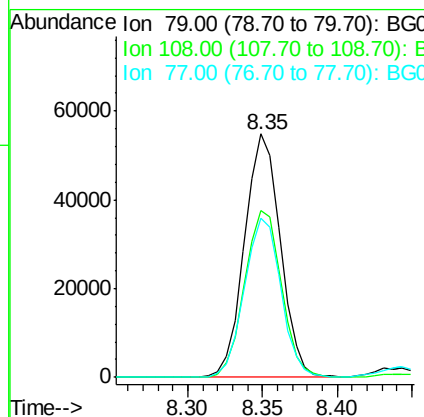
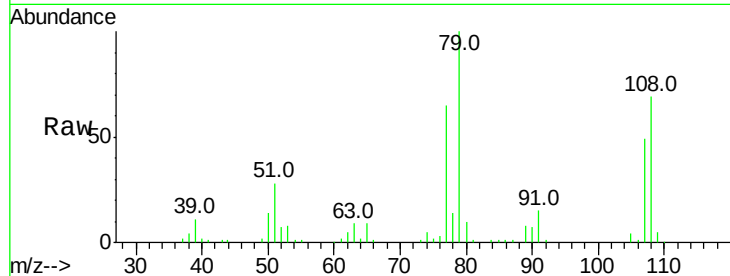
ClientSampleId :

PB87008BS

Tot Ion:	79	Resp:	91054
Ion Ratio	Lower	Upper	
79	100		
108	68.8	65.5	98.3
77	65.2	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.78 ng

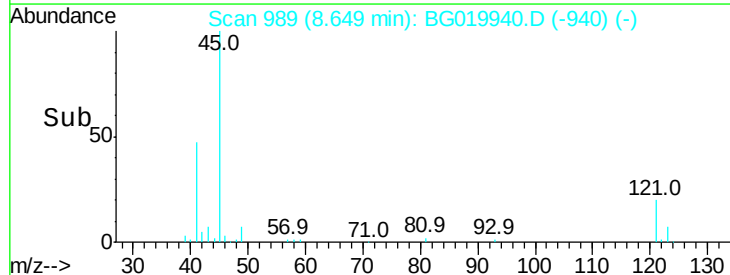
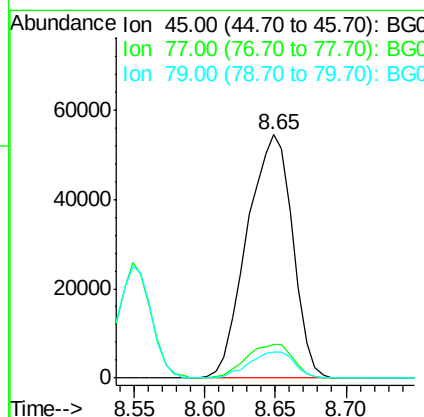
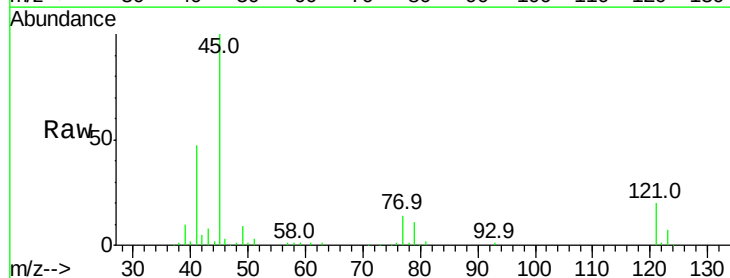
RT: 8.65 min Scan# 989

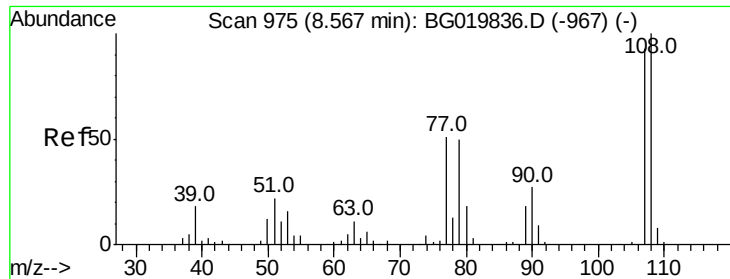
Delta R.T. -0.01 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	45	Resp:	122679
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	37.0
79	10.7	0.0	33.8





#17

2-Methylphenol

Concen: 41.78 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

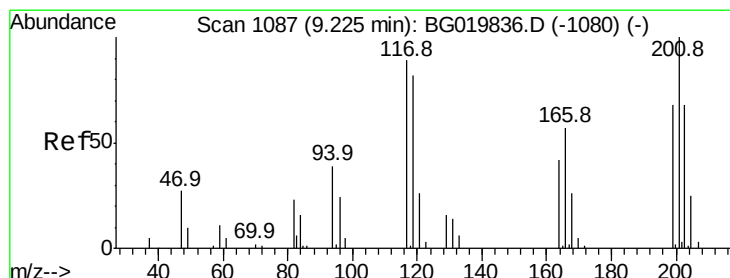
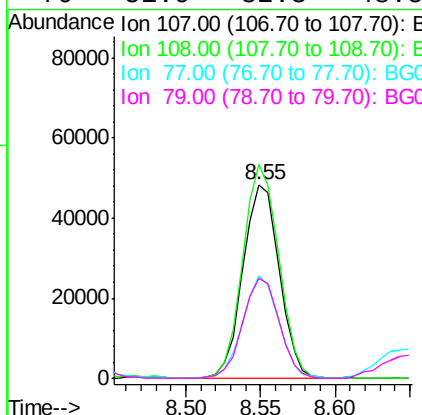
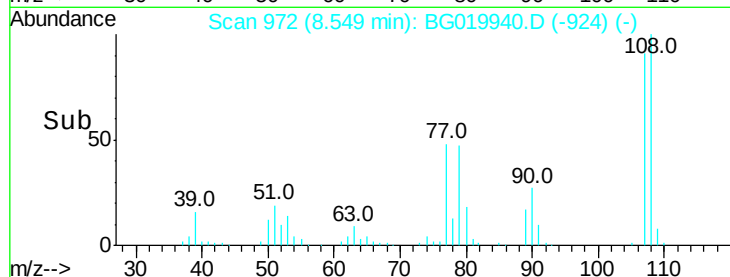
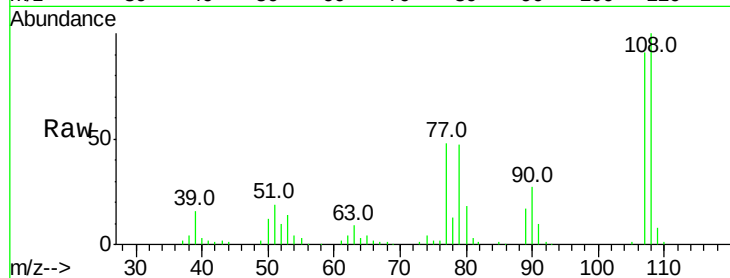
ClientSampleID :

PB87008BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	110.4	86.5	129.7		
77	53.2	34.6	51.8#		
79	51.9	32.3	48.5#		



#18

Hexachloroethane

Concen: 36.97 ng

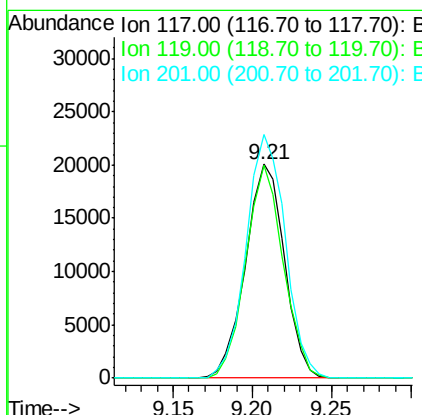
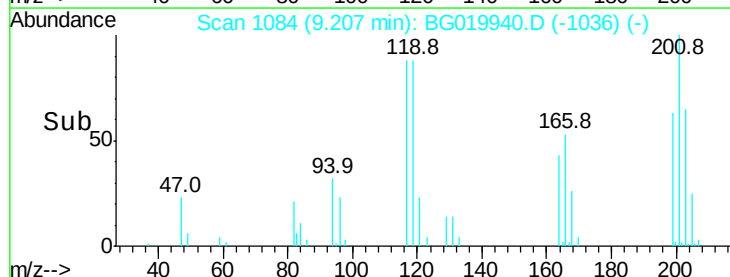
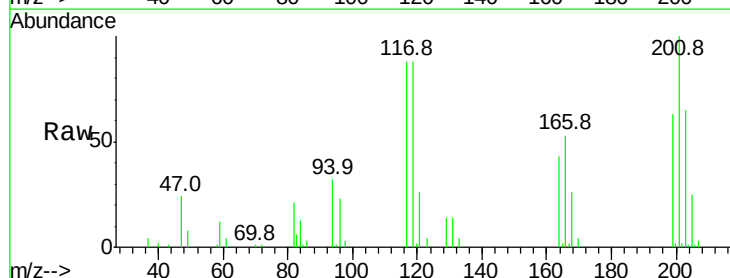
RT: 9.21 min Scan# 1084

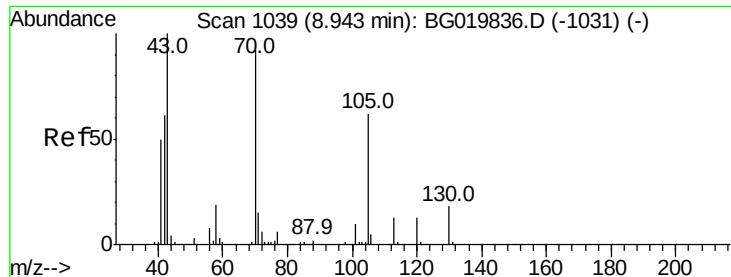
Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	99.7	71.7	107.5		
201	113.8	90.9	136.3		





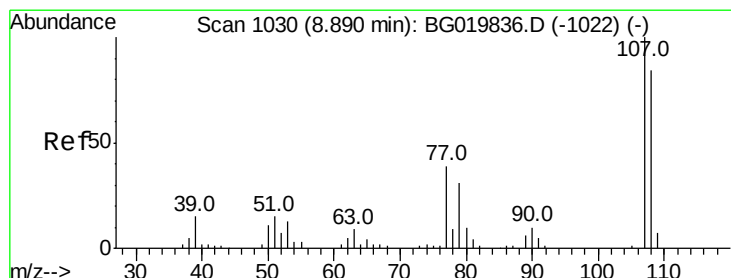
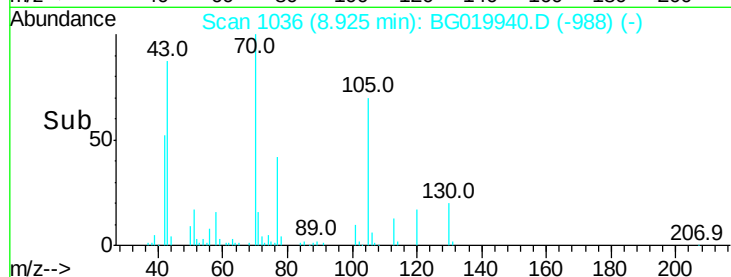
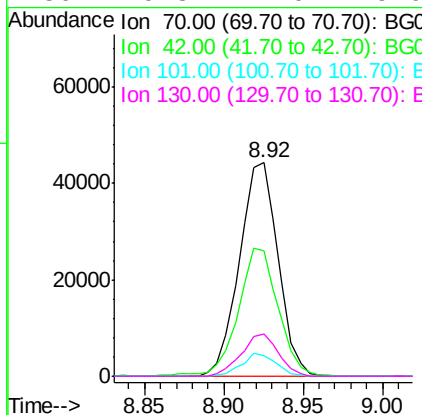
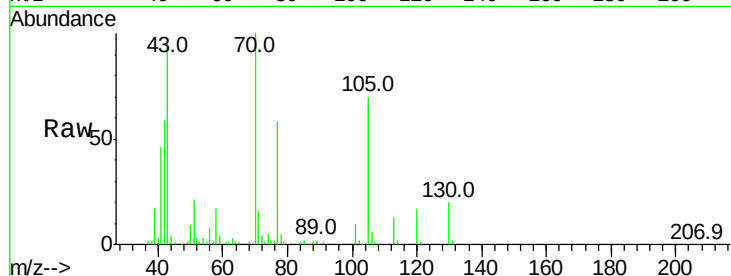
#19
n-Nitroso-di-n-propylamine
Concen: 36.19 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	40.6	60.8	
101	9.6	8.6	13.0	
130	19.8	17.0	25.6	

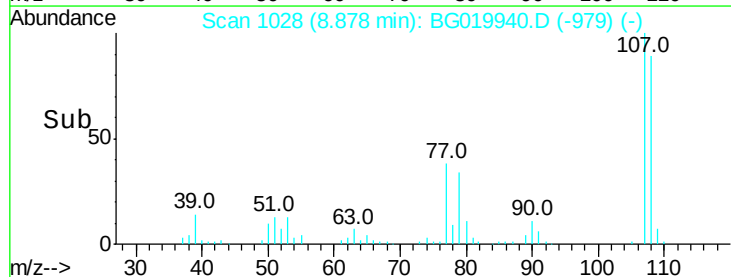
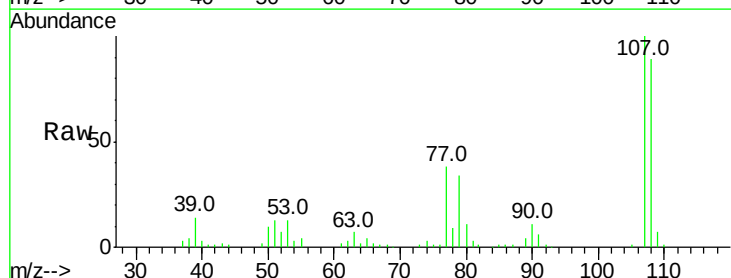
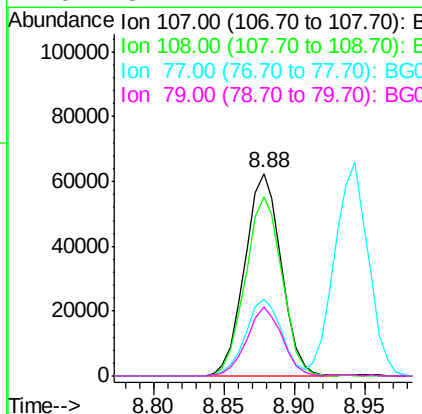
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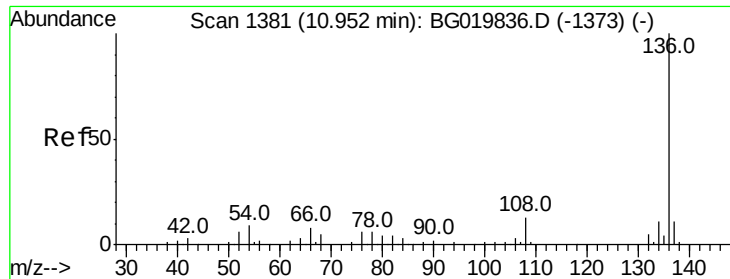
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#20
3+4-Methylphenols
Concen: 41.22 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	72.2	112.2	
77	37.7	13.4	53.4	
79	34.1	7.2	47.2	





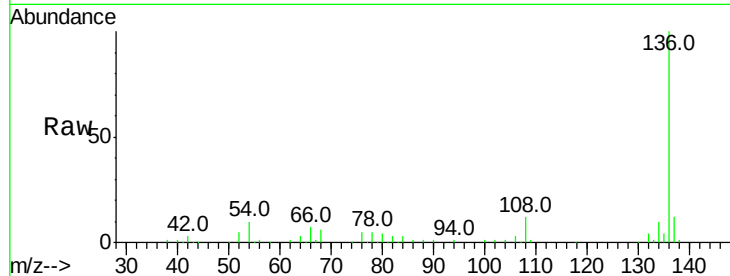
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

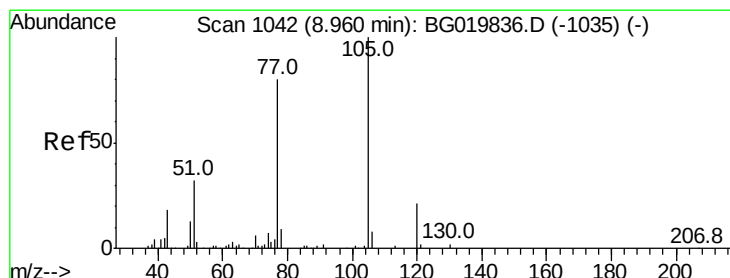
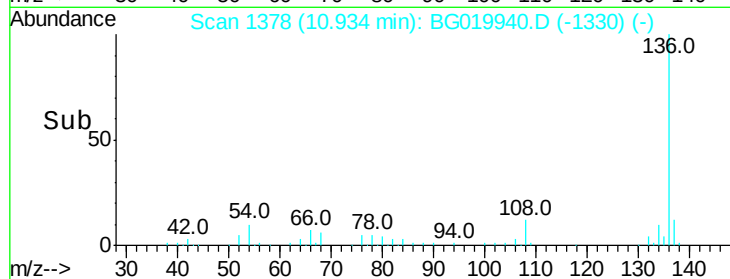
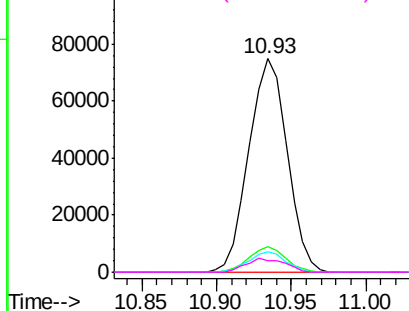
Tot Ion	Ratio	Resp	Lower	Upper
136	100	133647		
137	11.7	8.6	12.8	
54	9.6	5.4	8.2	
68	5.6	5.3	7.9	

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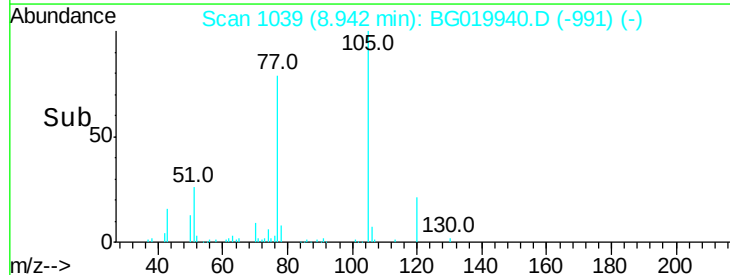
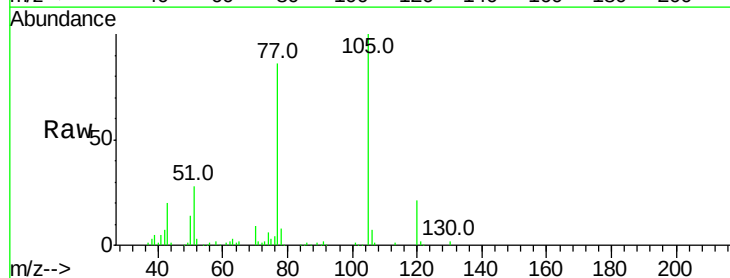
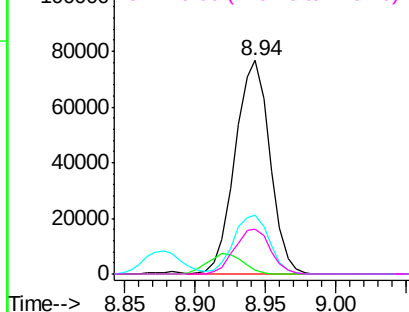
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

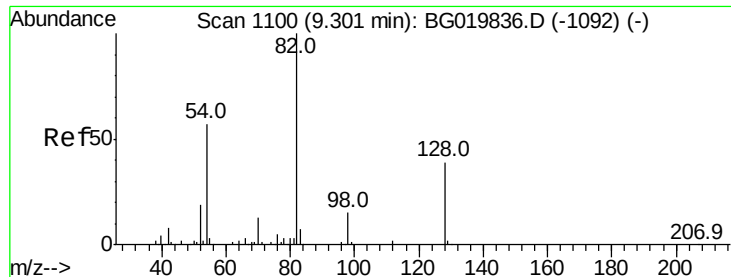


#22
Acetophenone
Concen: 36.08 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	132179		
71	1.8	2.1	3.1	
51	27.8	17.8	26.8	
120	21.2	17.7	26.5	

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





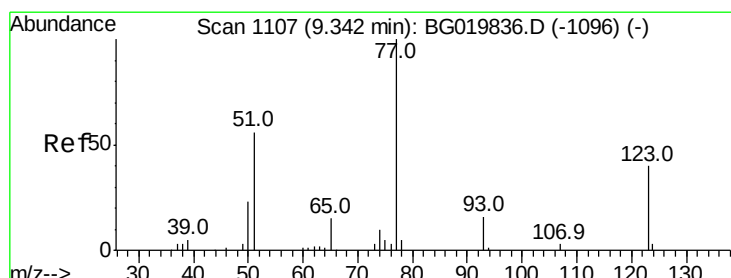
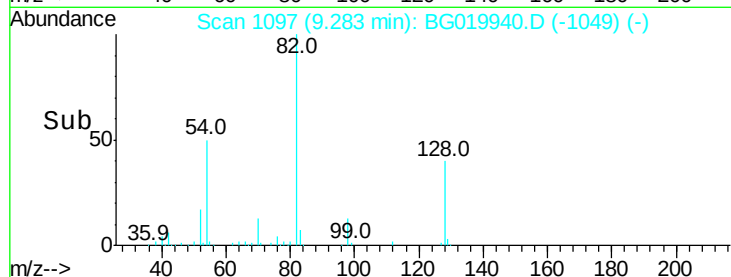
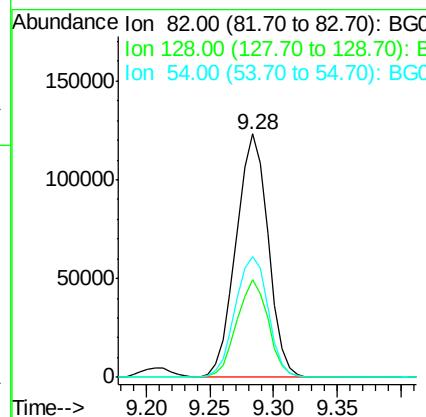
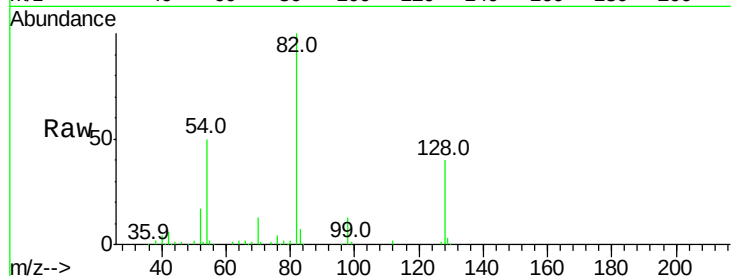
#23
 Nitrobenzene-d5
 Concen: 82.51 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	216059		
128	39.9	36.7	55.1	
54	49.8	33.8	50.8	

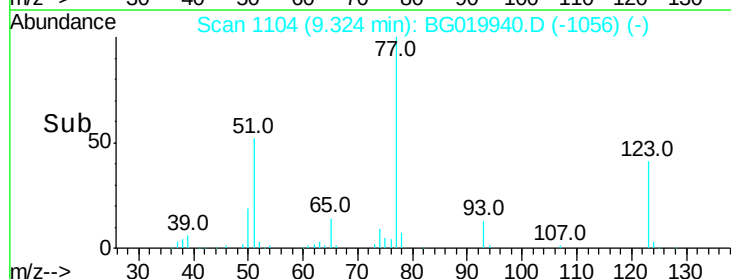
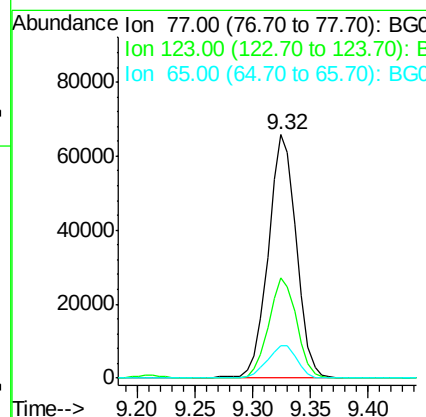
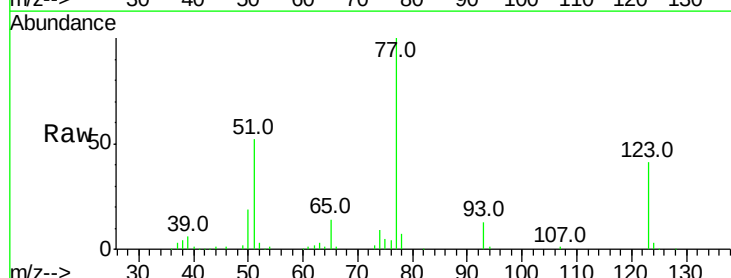
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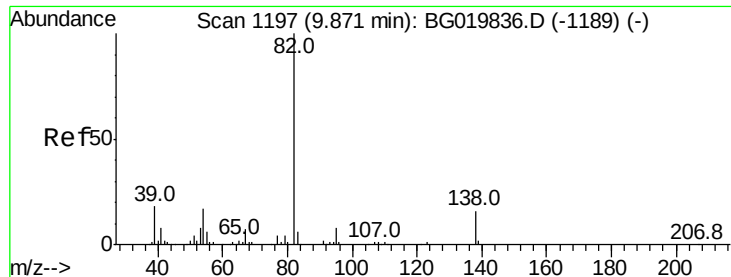
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#24
 Nitrobenzene
 Concen: 39.21 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	111366		
123	41.3	38.2	57.2	
65	13.6	10.6	16.0	





#25

Isophorone

Concen: 36.11 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

ClientSampleId :

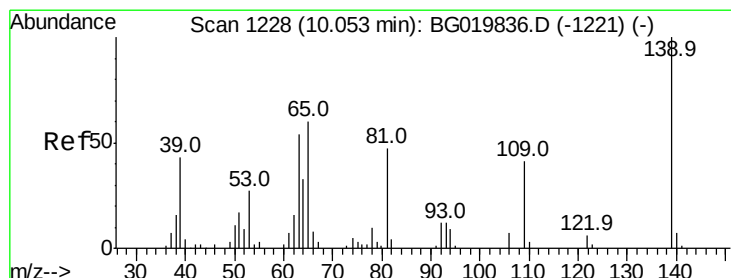
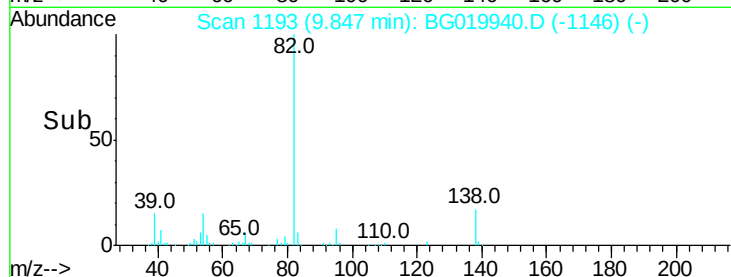
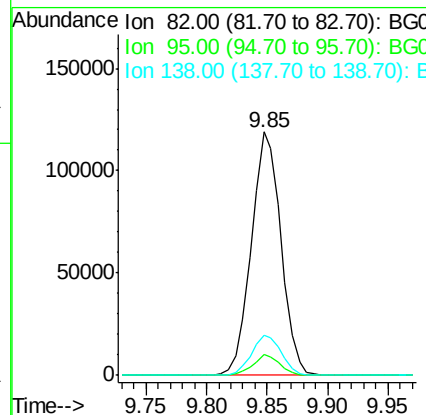
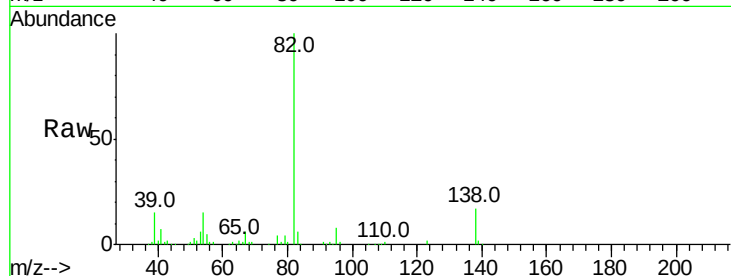
PB87008BS

Tot Ion: 82 Resp: 202726

Ion	Ratio	Lower	Upper
82	100		
95	8.3	5.2	7.8#
138	16.5	14.4	21.6

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#26

2-Nitrophenol

Concen: 44.43 ng

RT: 10.04 min Scan# 1226

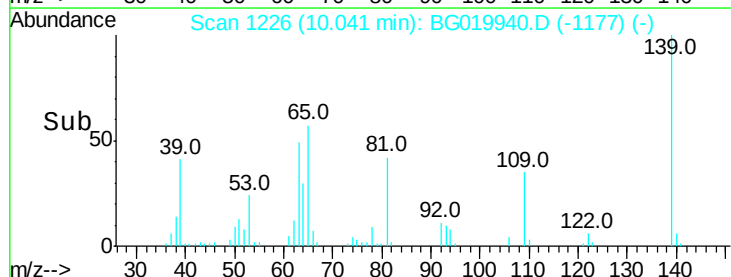
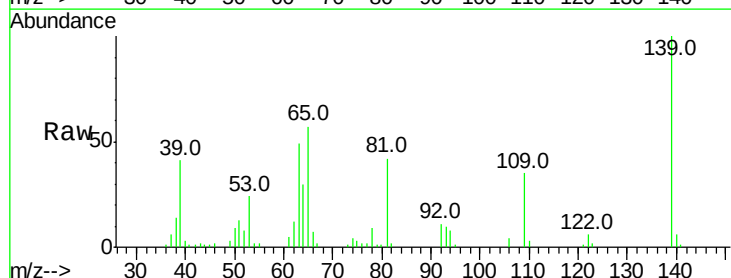
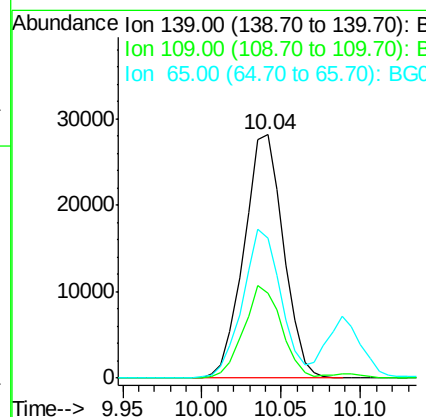
Delta R.T. -0.01 min

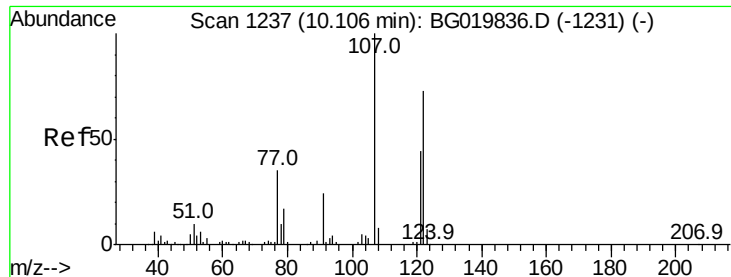
Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion: 139 Resp: 48748

Ion	Ratio	Lower	Upper
139	100		
109	34.9	20.1	30.1#
65	57.4	34.1	51.1#





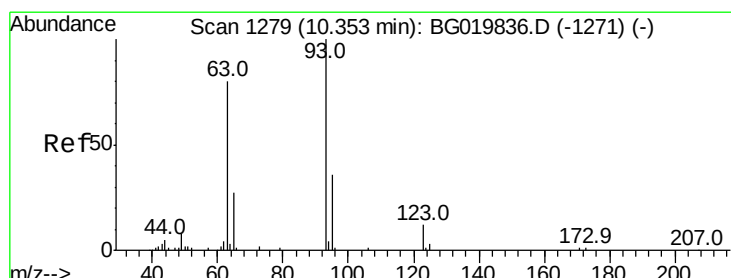
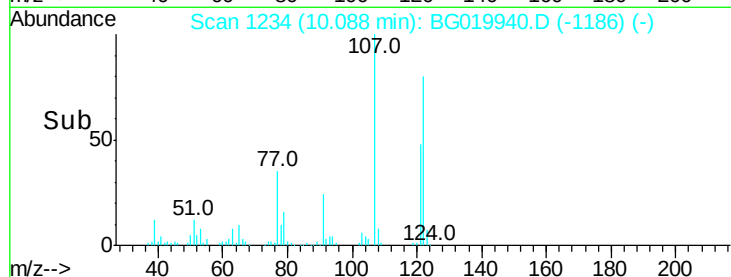
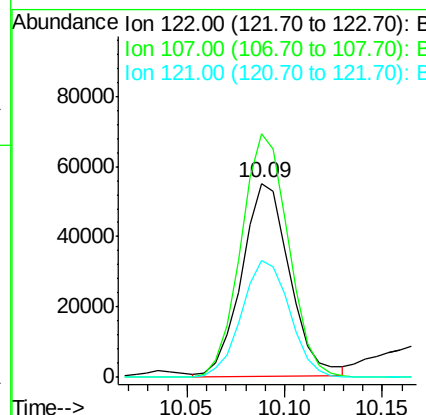
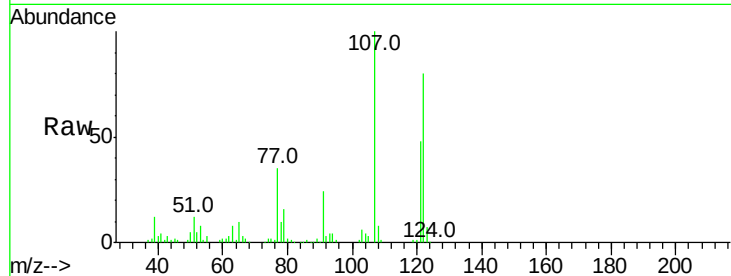
#27
 2,4-Dimethylphenol
 Concen: 41.14 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.6	91.6	137.4
121	60.6	47.3	70.9

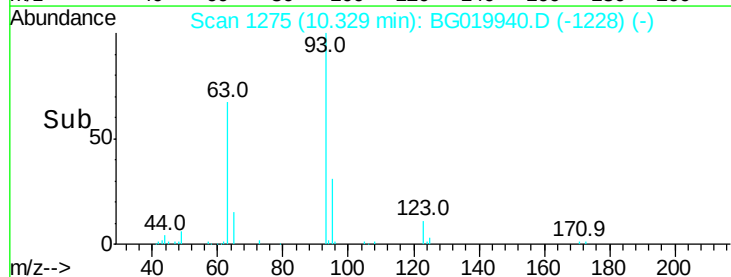
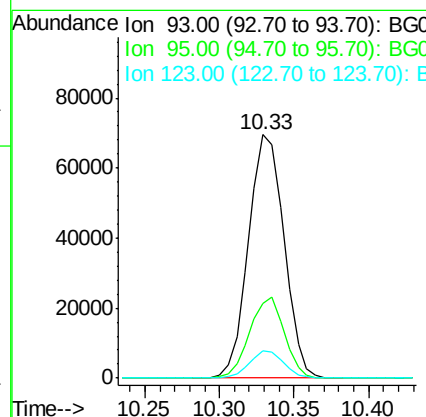
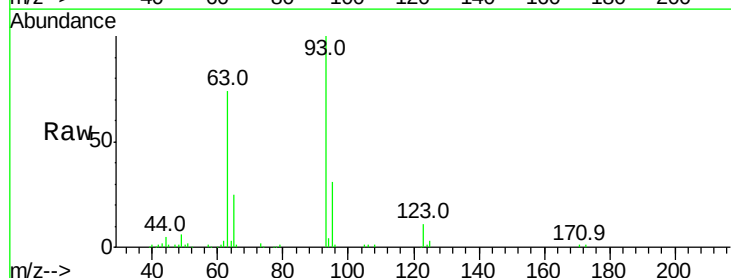
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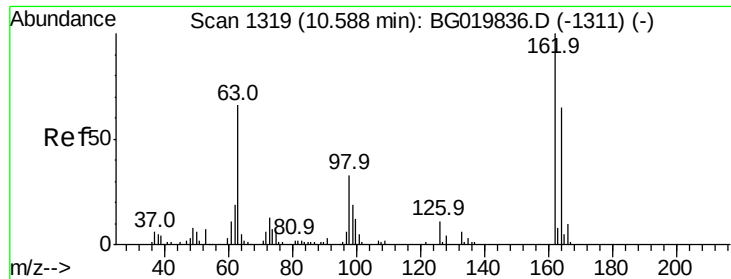
Mmdadoda
 12/7/2015 6:29:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.78 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	25.7	38.5
123	11.0	8.6	12.8





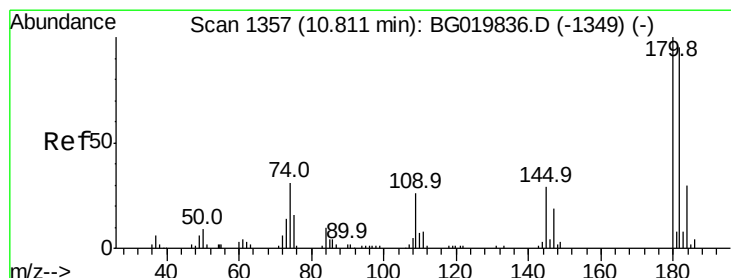
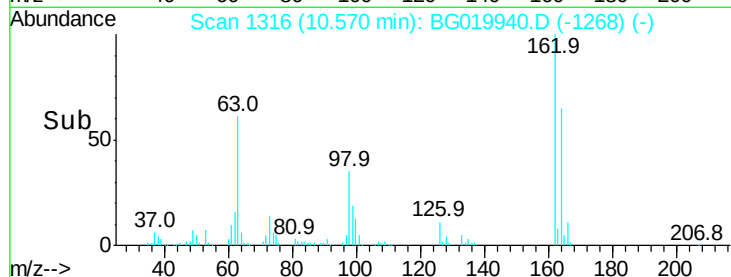
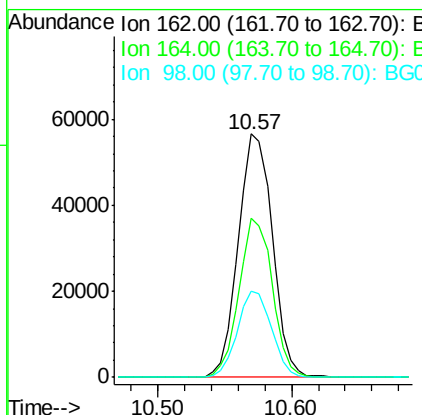
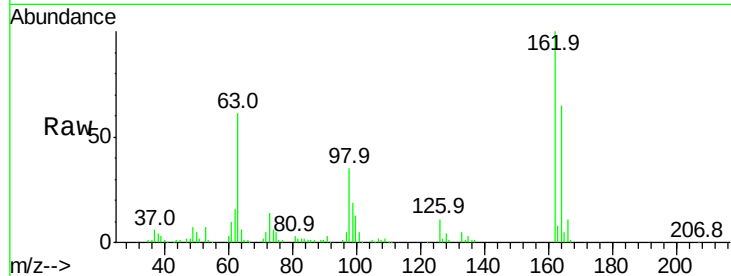
#29
2,4-Dichlorophenol
Concen: 42.92 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.2	42.3	82.3
98	35.2	11.5	51.5

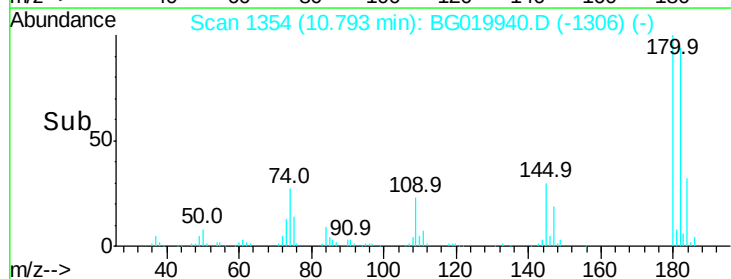
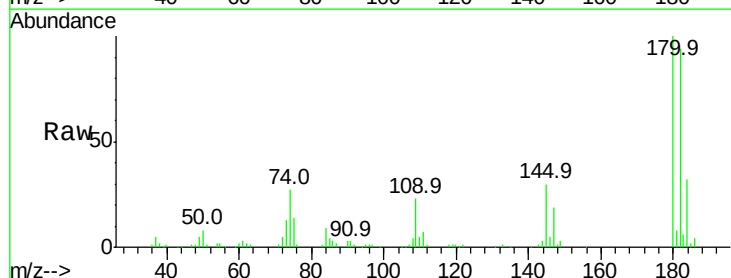
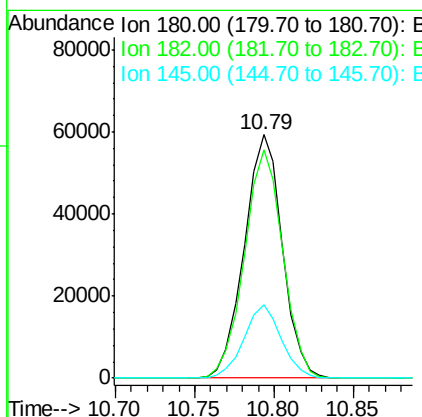
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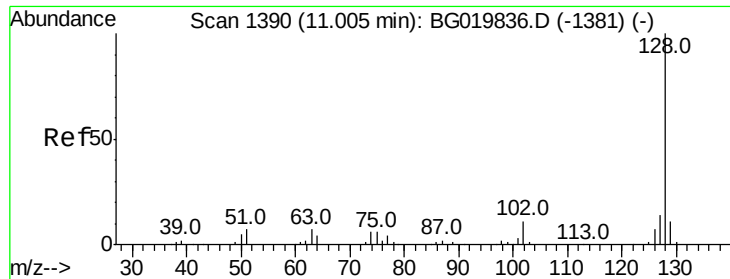
Mmdadoda
12/7/2015 6:29:49 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.39 ng
RT: 10.79 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	79.7	119.5
145	30.1	22.0	33.0





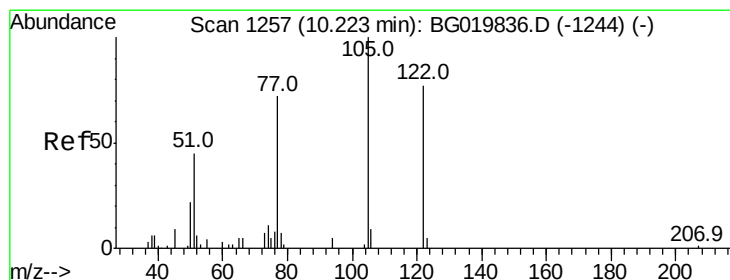
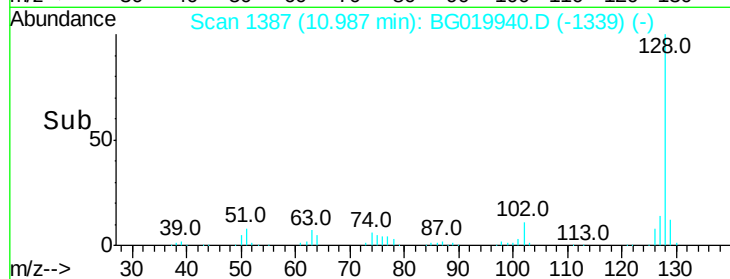
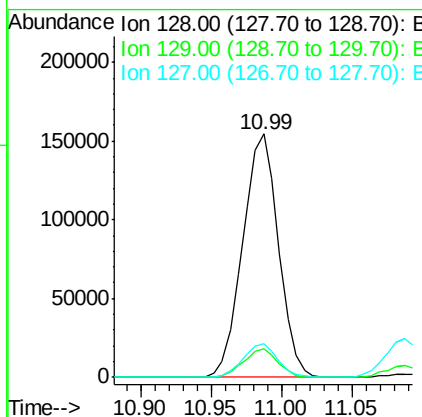
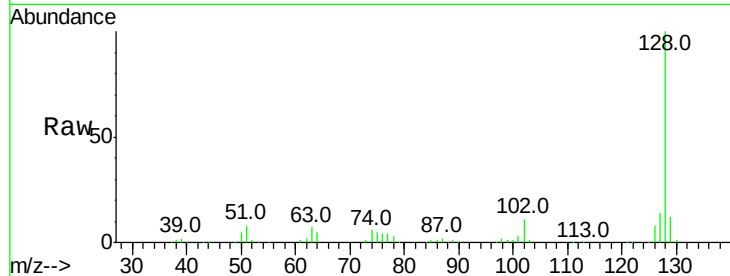
#31
Naphthalene
Concen: 38.24 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.5	12.7
127	13.8	10.6	16.0

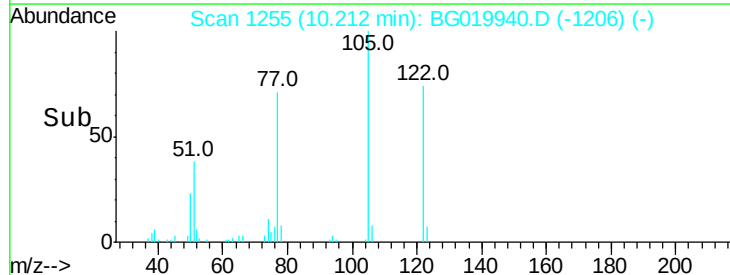
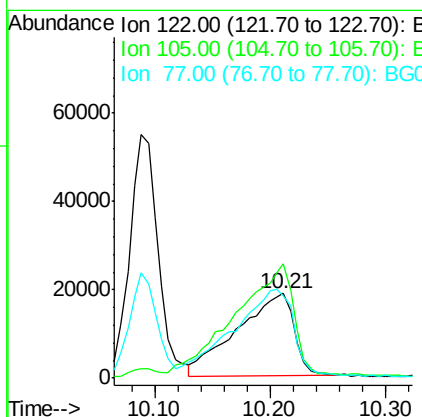
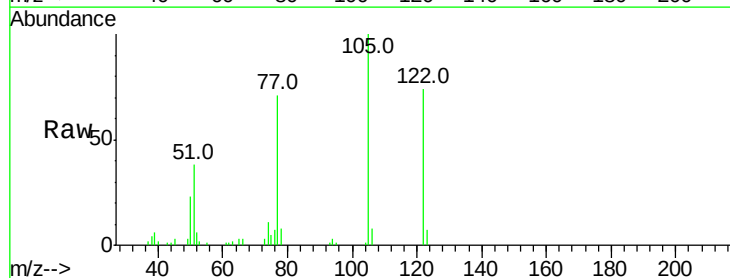
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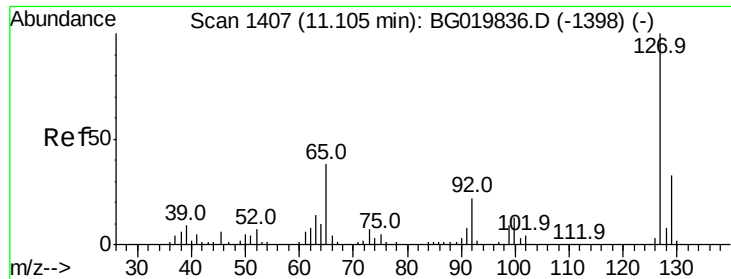
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#32
Benzoic acid
Concen: 42.62 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.7	103.8	143.8
77	96.3	68.8	108.8





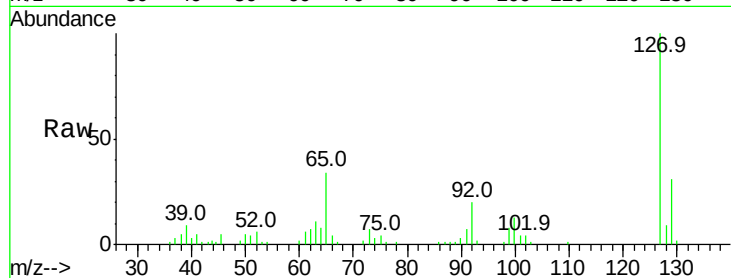
#33
4-Chloroaniline
Concen: 14.24 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

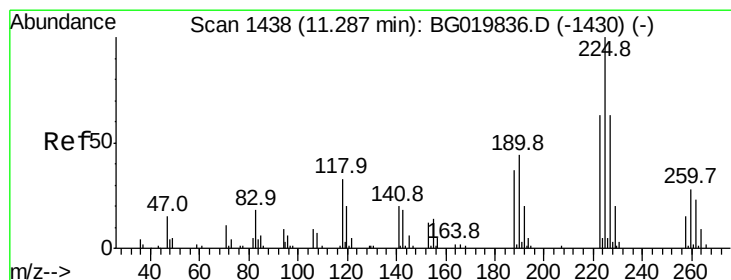
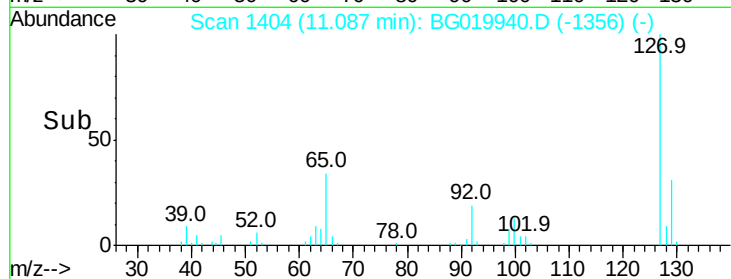
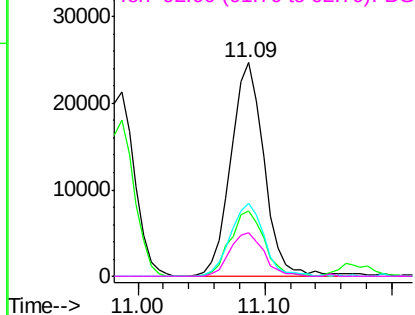
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.6	37.0
65	34.4	22.6	33.8
92	20.4	15.1	22.7

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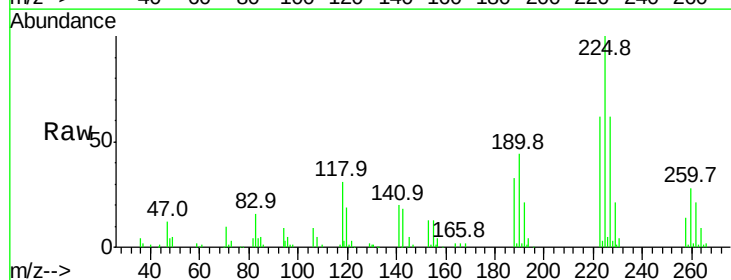


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

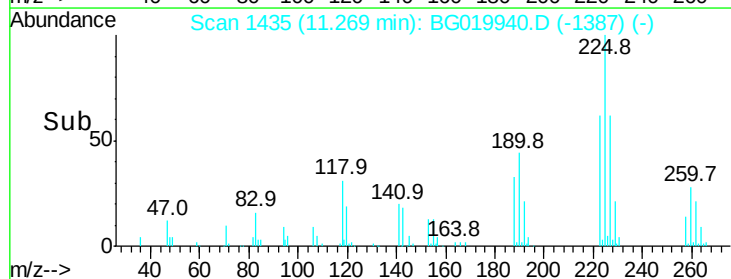
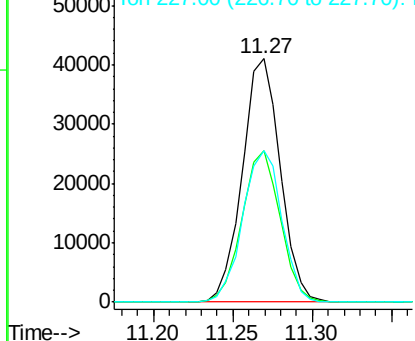


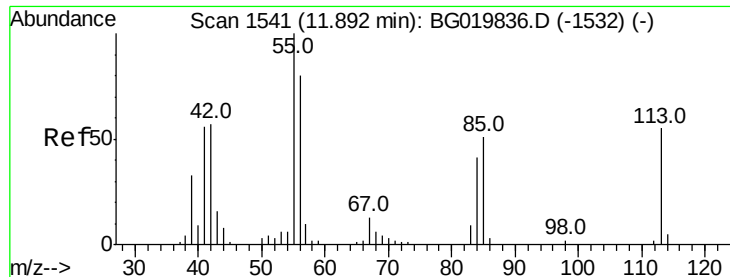
#34
Hexachlorobutadiene
Concen: 35.08 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.4
227	62.2	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: 40.99 ng/ml

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

ClientSampleId :

PB87008BS

Tot Ion:113 Resp: 35609

Ion Ratio Lower Upper

113 100

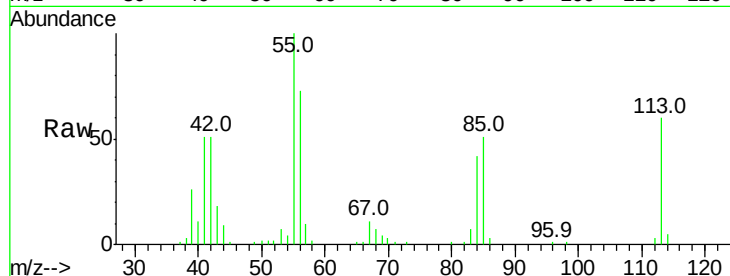
55 166.1 135.0 175.0

56 121.9 83.4 123.4

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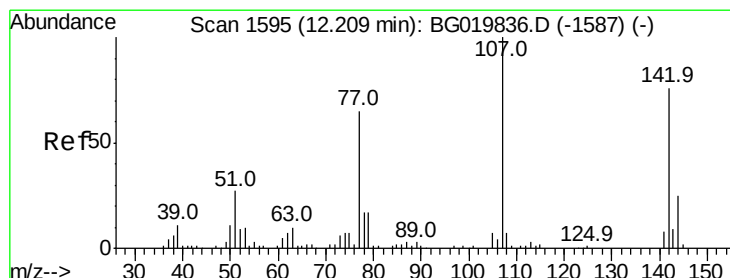
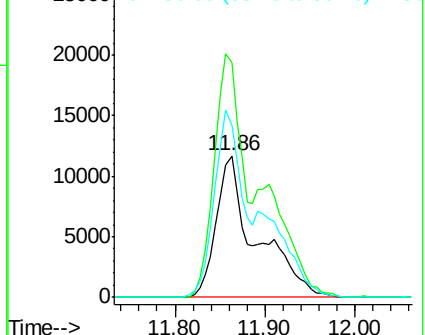
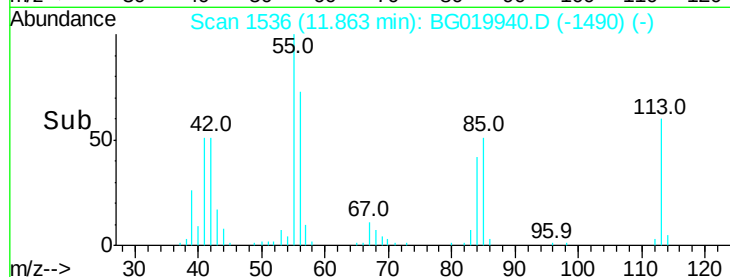
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG019836.D (-1532) (-)

Ion 56.00 (55.70 to 56.70): BG019836.D (-1532) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.94 ng/ml

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

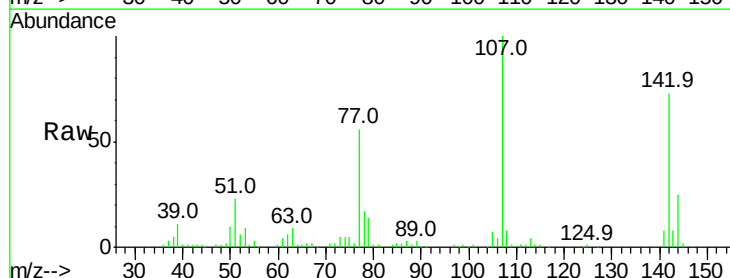
Tgt Ion:107 Resp: 118985

Ion Ratio Lower Upper

107 100

144 25.3 20.6 31.0

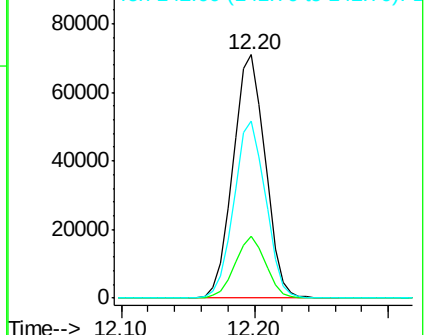
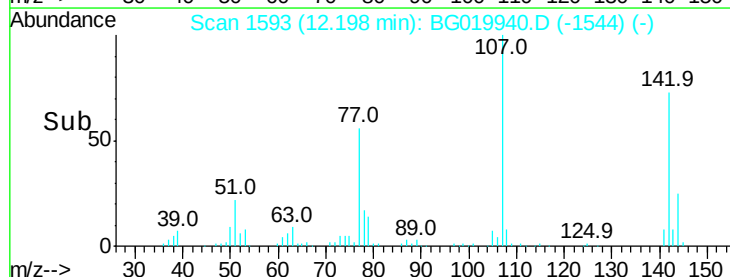
142 72.7 62.6 93.8

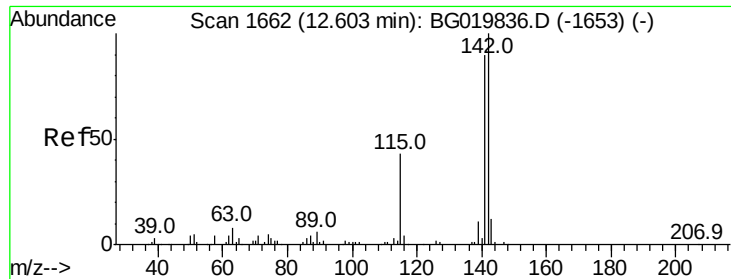


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





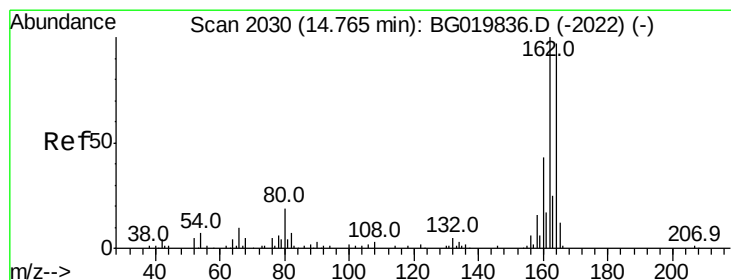
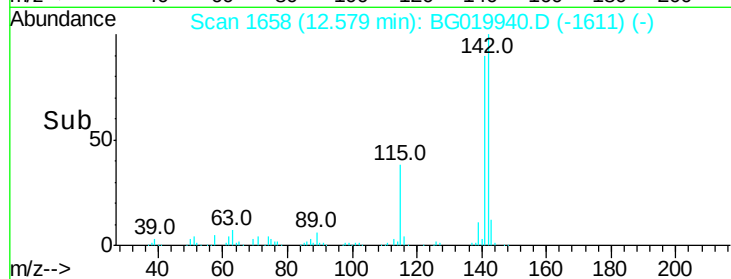
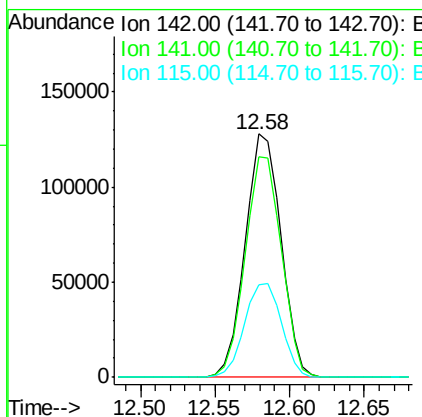
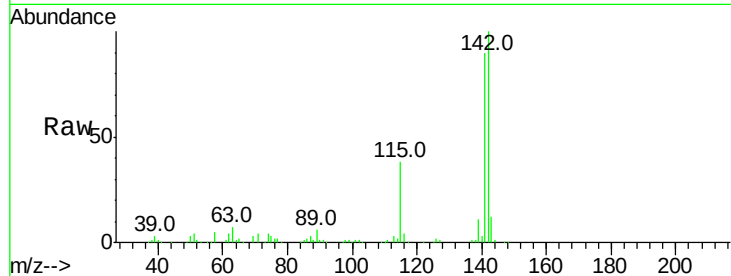
#37
2-Methylnaphthalene
Concen: 40.40 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.6	112.0
115	38.1	27.4	41.0

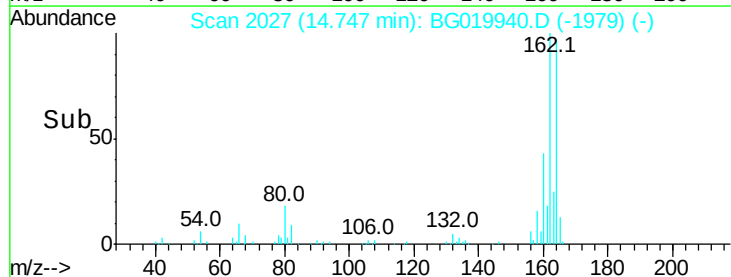
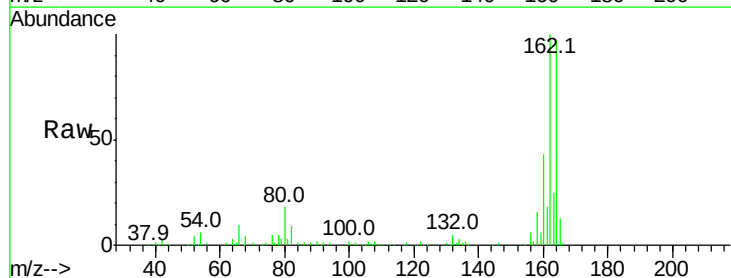
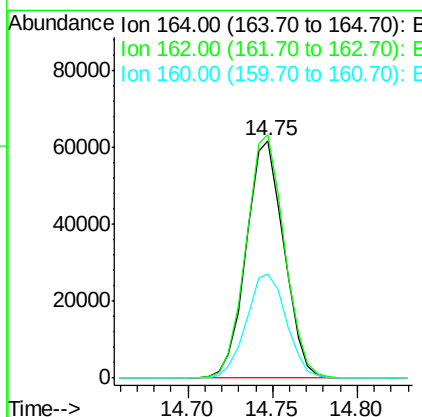
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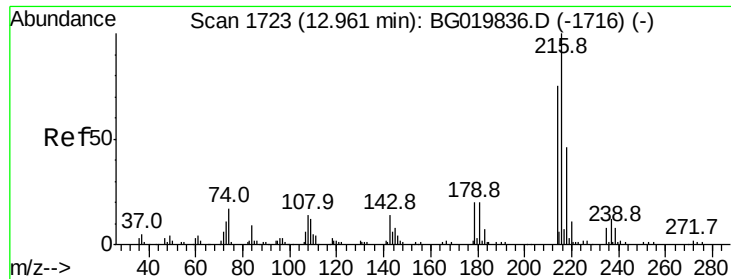
Mmdadoda
12/7/2015 6:29:49 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	43.7	36.4	54.6





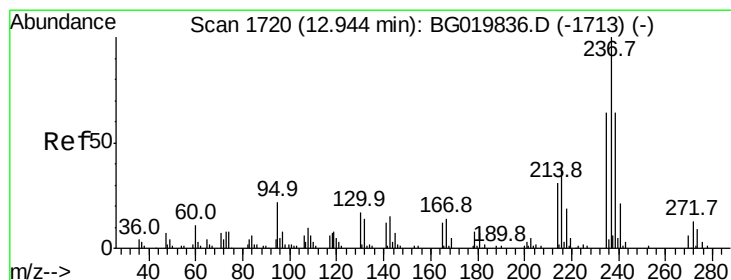
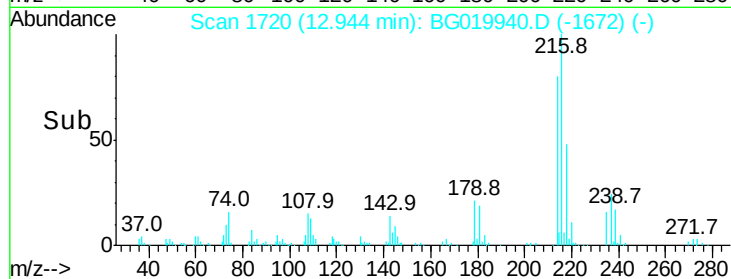
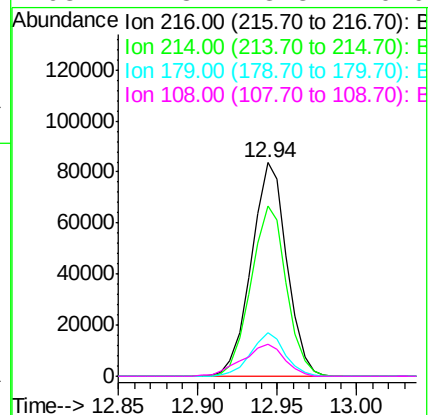
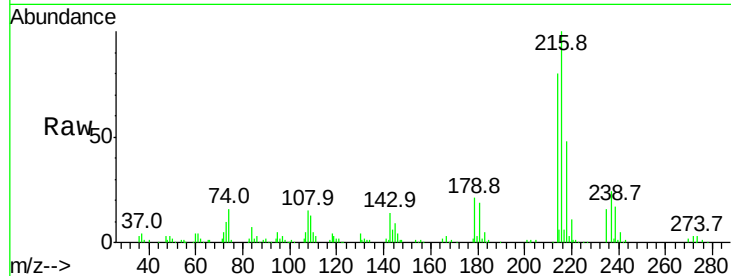
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.84 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	62.5	93.7
179	19.6	15.6	23.4
108	17.8	13.3	19.9

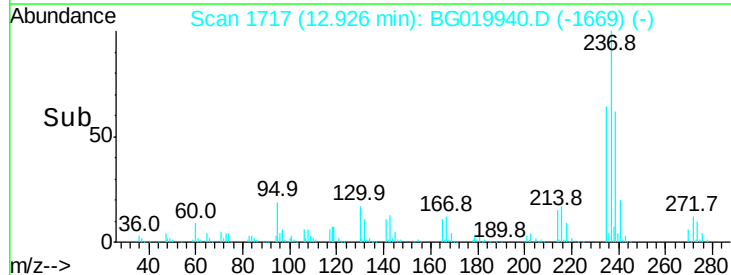
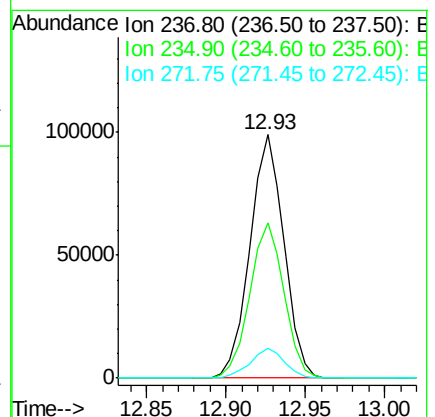
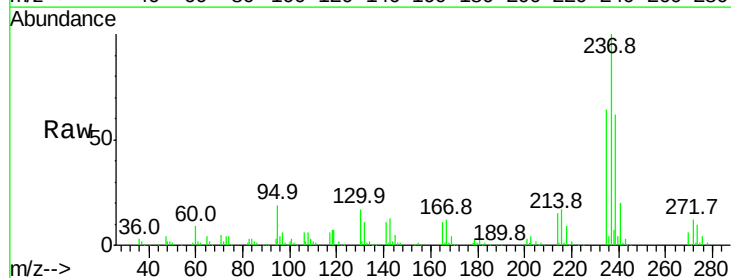
Manual Integrations
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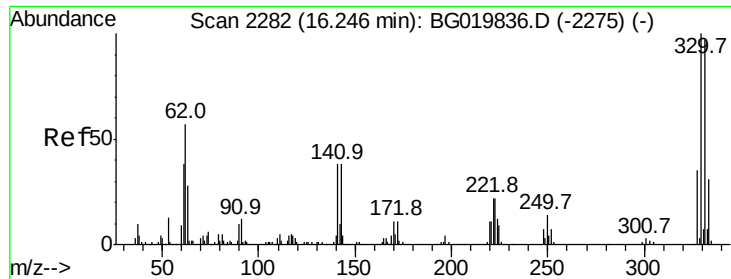
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#40
 Hexachlorocyclopentadiene
 Concen: 71.38 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	44.6	84.6
272	12.1	0.0	32.8





#41

2,4,6-Tribromophenol

Concen: 116.89 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

ClientSampleId :

PB87008BS

Tot Ion:330 Resp: 170728

Ion Ratio Lower Upper

330 100

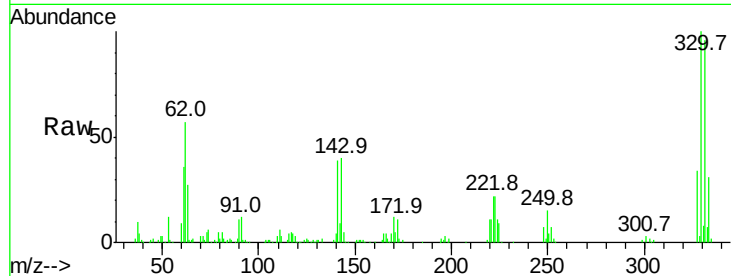
332 96.4 78.1 117.1

141 37.7 28.2 42.2

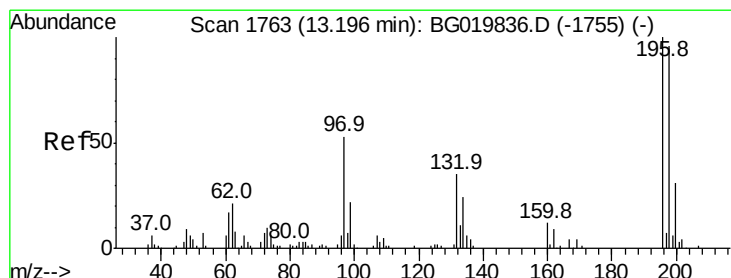
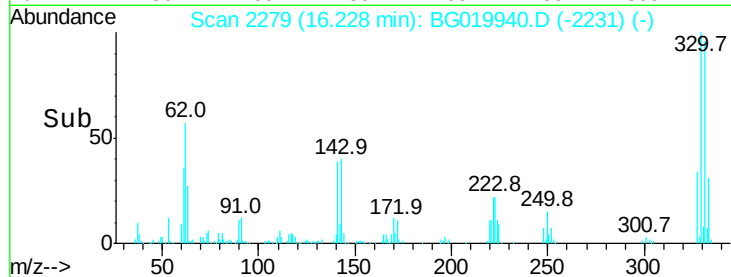
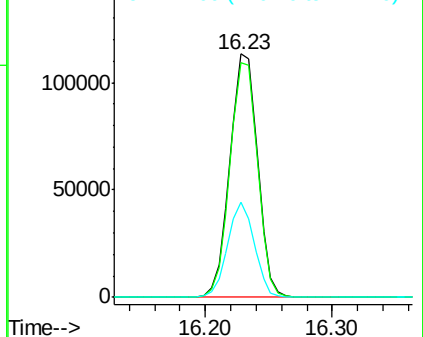
Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.35 ng

RT: 13.18 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

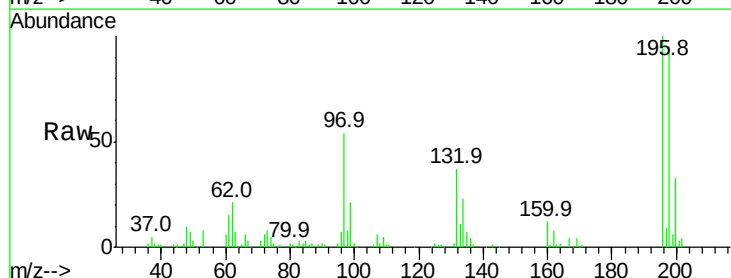
Tgt Ion:196 Resp: 91975

Ion Ratio Lower Upper

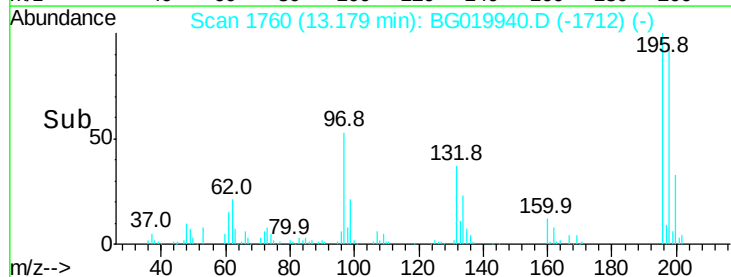
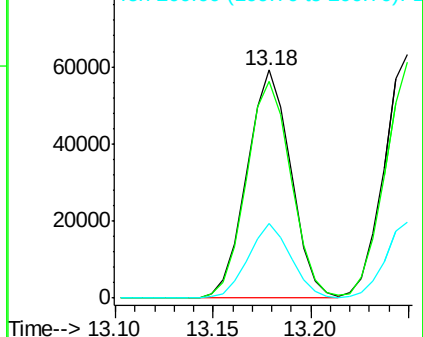
196 100

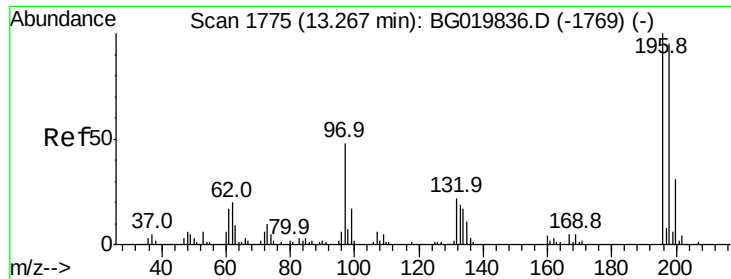
198 95.2 74.7 112.1

200 32.9 24.1 36.1



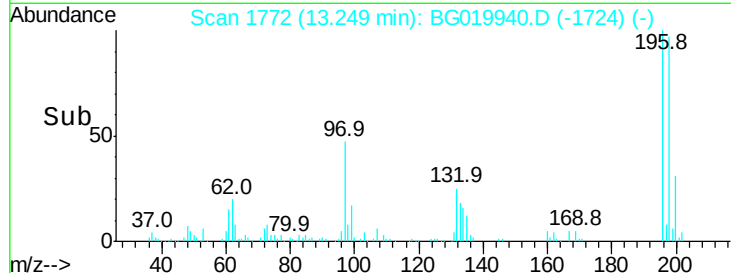
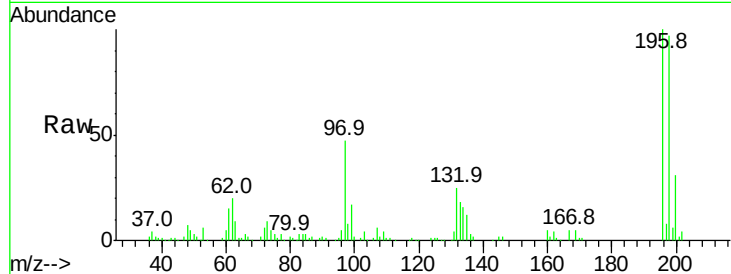
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 41.13 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

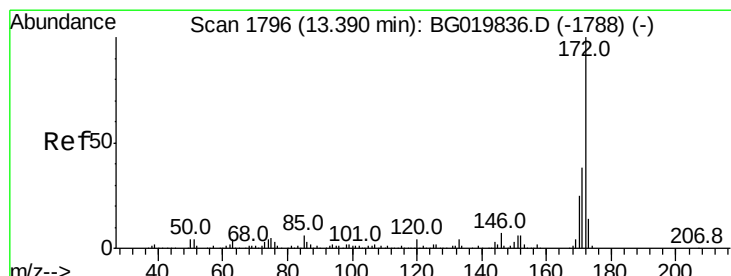
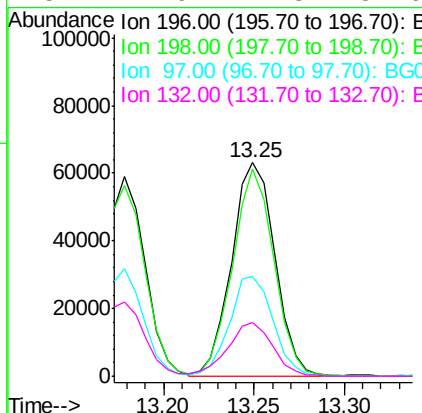
Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS



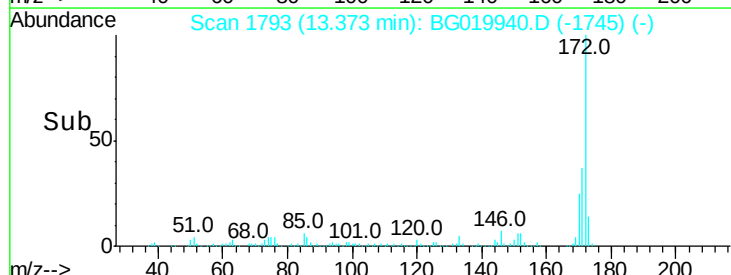
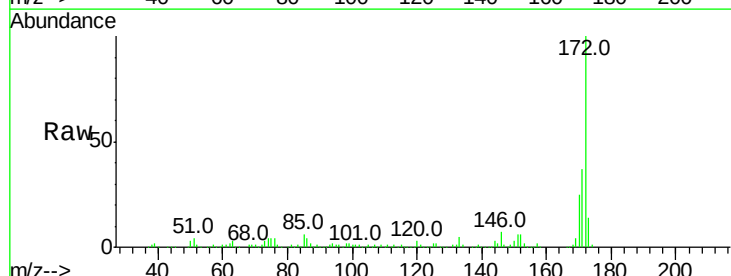
Tot Ion:	196	Resp:	104249
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.2	112.8
97	46.5	34.2	51.2
132	24.9	21.8	32.6

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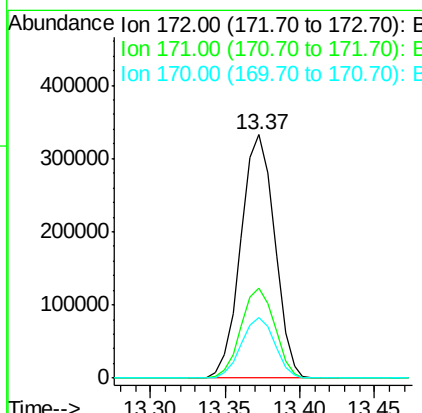
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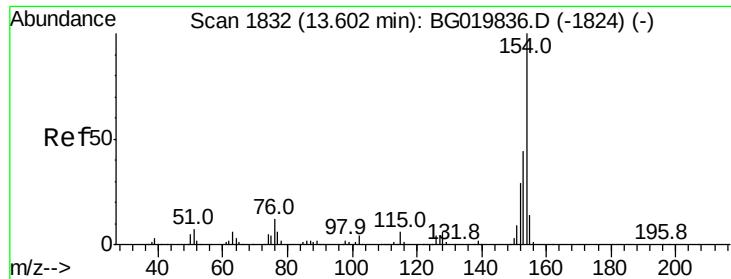


#44
 2-Fluorobiphenyl
 Concen: 74.83 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47



Tgt Ion:	172	Resp:	523168
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.0	43.6
170	24.9	19.9	29.9





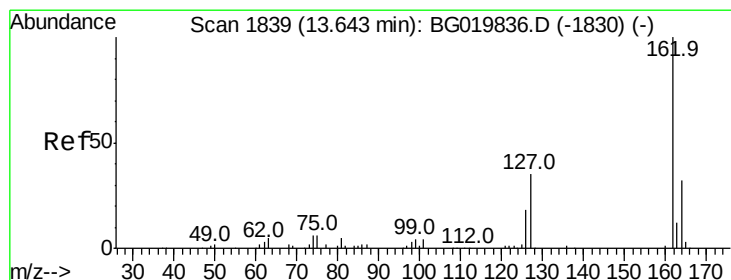
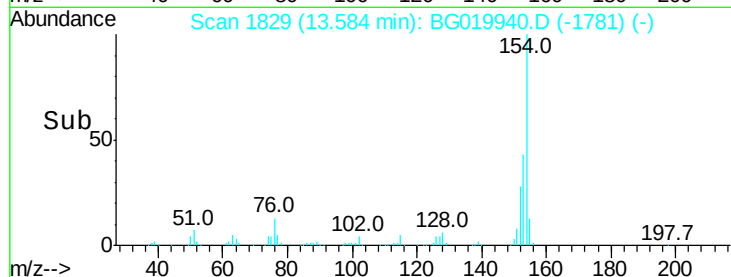
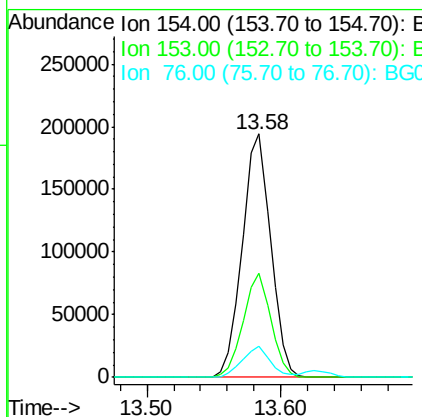
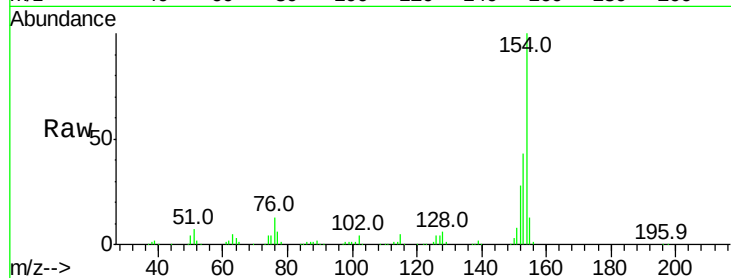
#45
 1,1'-Biphenyl
 Concen: 36.36 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.8	21.9	61.9	
76	12.8	0.0	33.2	

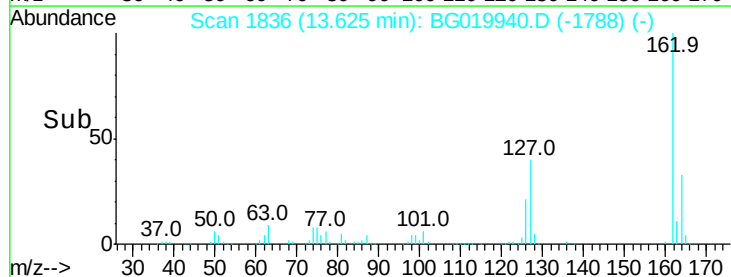
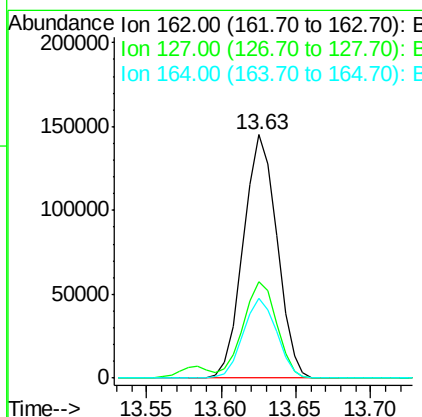
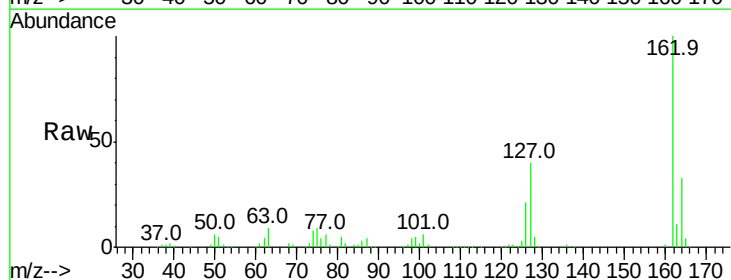
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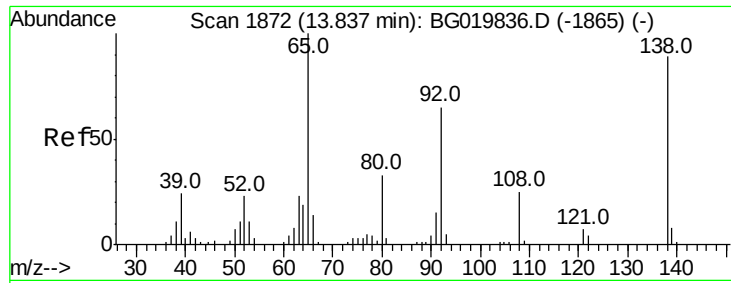
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#46
 2-Chloronaphthalene
 Concen: 37.50 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.6	28.3	42.5	
164	32.9	27.4	41.0	





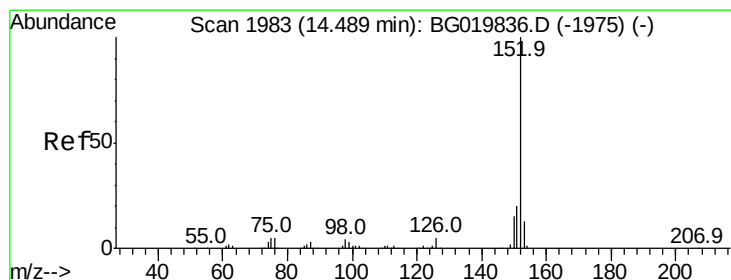
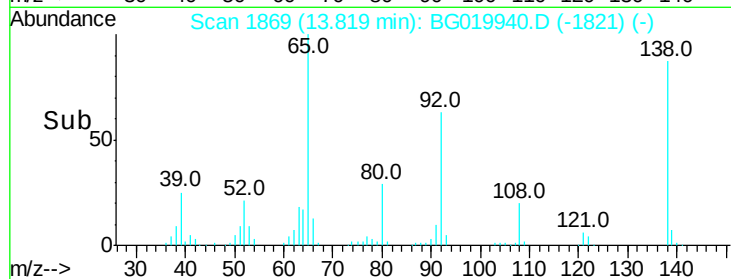
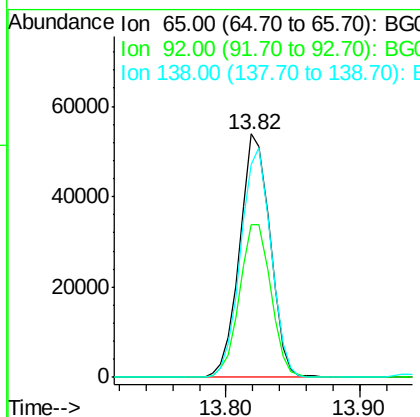
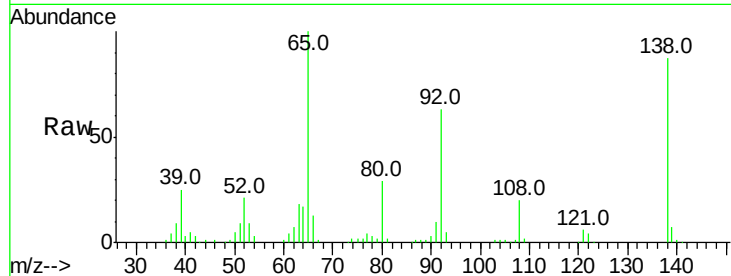
#47
2-Nitroaniline
Concen: 44.67 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	54.8	82.2
138	87.2	89.6	134.4#

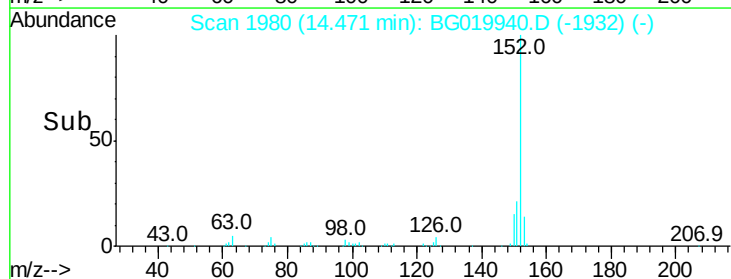
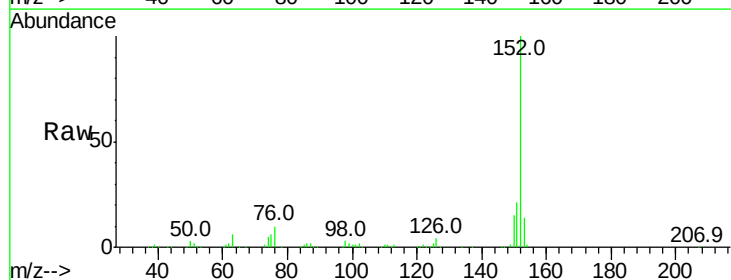
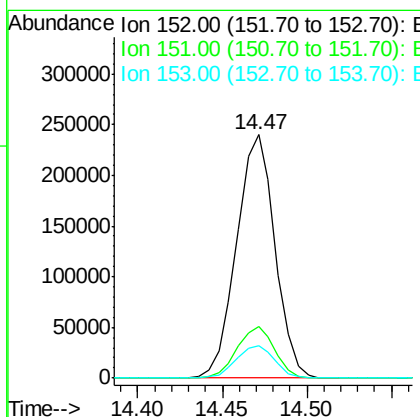
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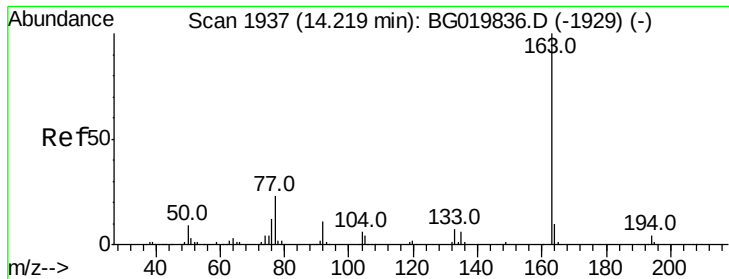
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#48
Acenaphthylene
Concen: 36.82 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.4
153	13.5	10.4	15.6





#49

Dimethylphthalate

Concen: 36.34 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

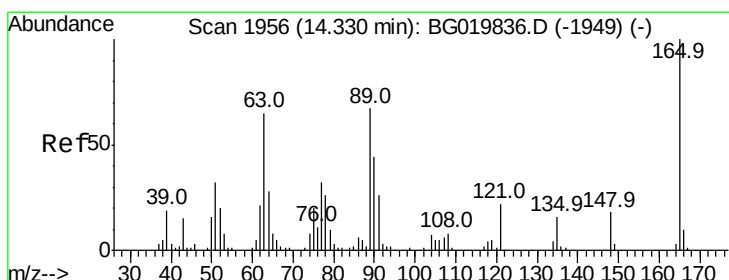
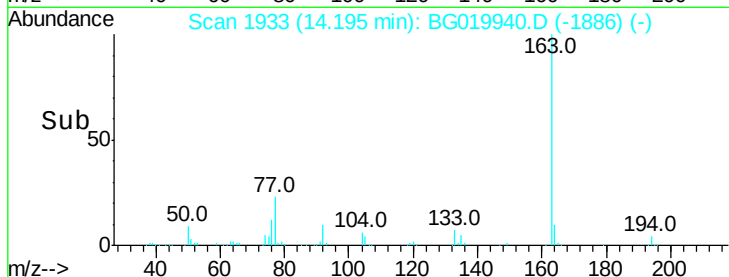
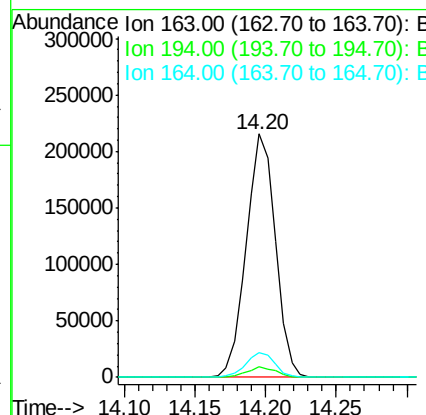
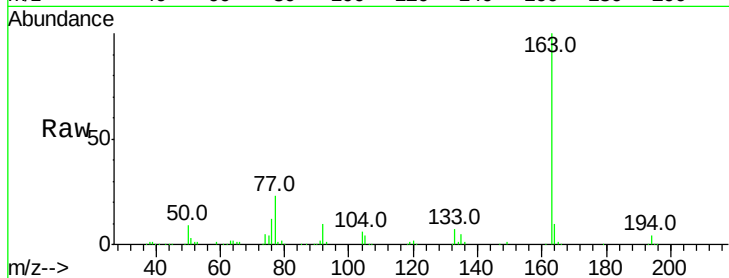
ClientSampleId :

PB87008BS

Tot Ion:	163	Resp:	312088
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.1	4.7
164	10.3	8.8	13.2

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#50

2,6-Dinitrotoluene

Concen: 42.90 ng

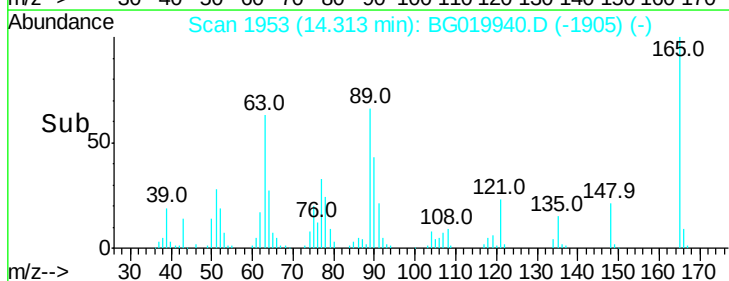
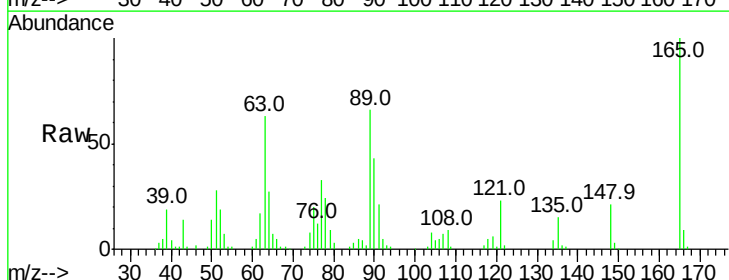
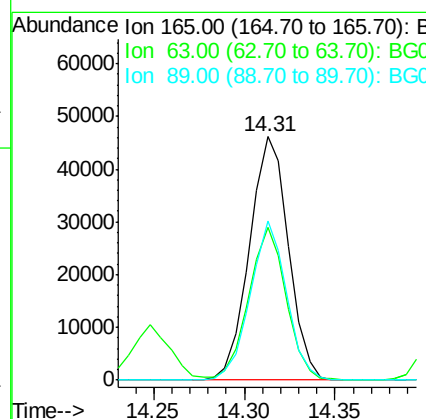
RT: 14.31 min Scan# 1953

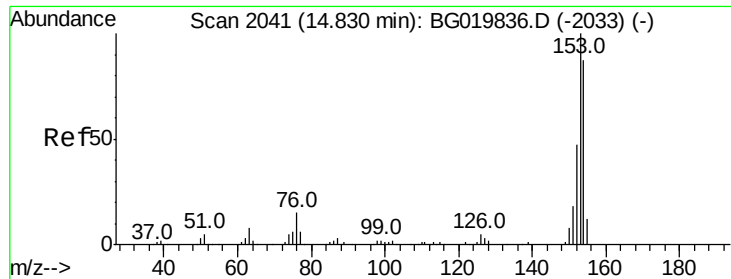
Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	165	Resp:	69259
Ion Ratio	Lower	Upper	
165	100		
63	62.8	35.7	53.5#
89	65.6	39.7	59.5#





#51

Acenaphthene

Concen: 42.84 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

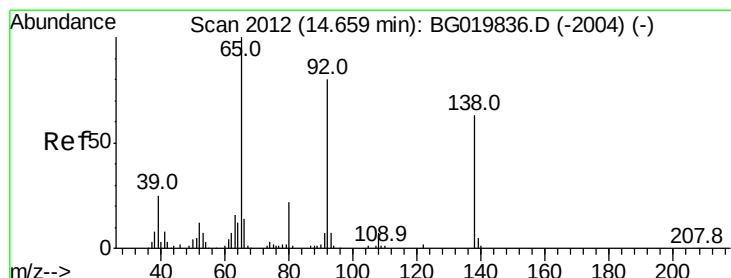
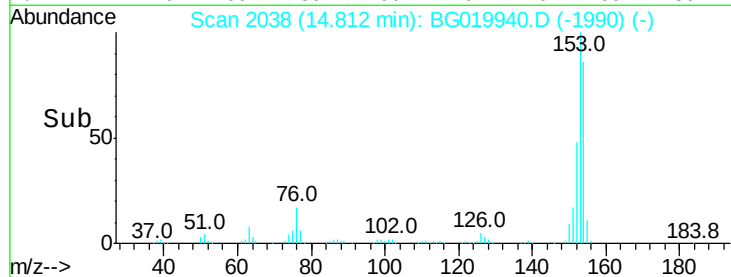
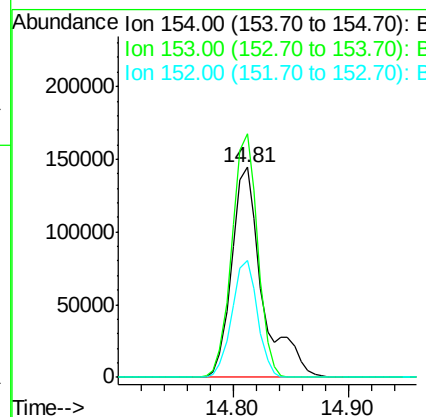
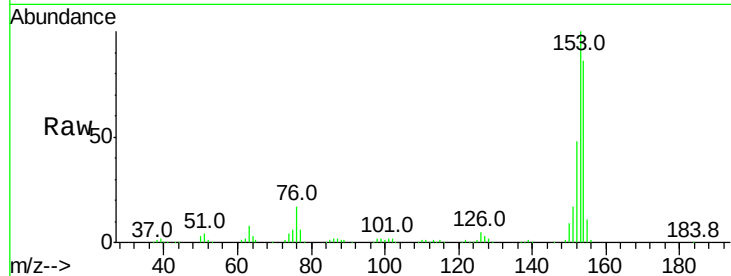
ClientSampleId :

PB87008BS

Tot Ion:	154	Resp:	267367
Ion Ratio	Lower	Upper	
154	100		
153	115.8	92.9	139.3
152	55.7	45.8	68.8

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#52

3-Nitroaniline

Concen: 28.04 ng

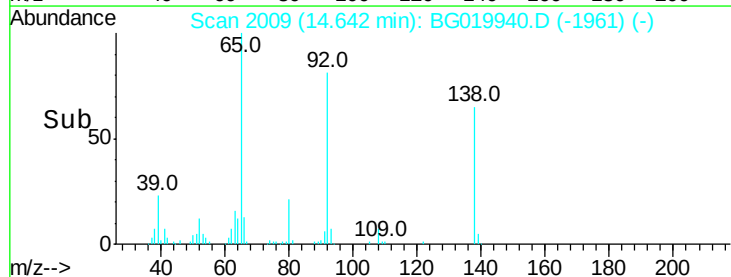
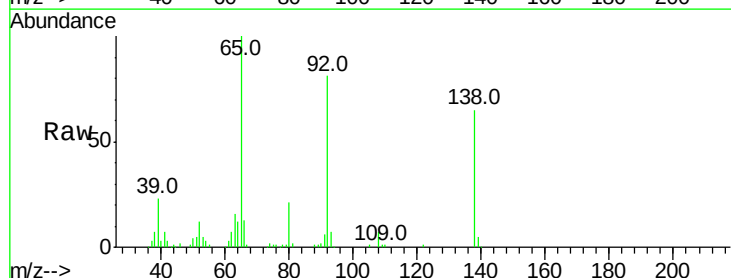
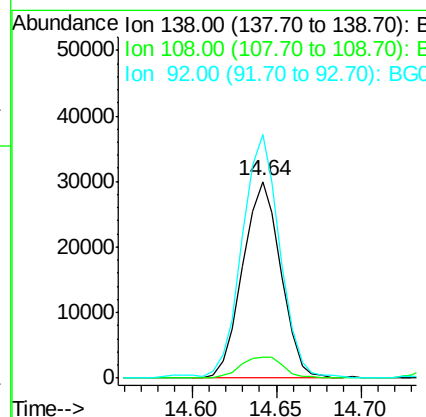
RT: 14.64 min Scan# 2009

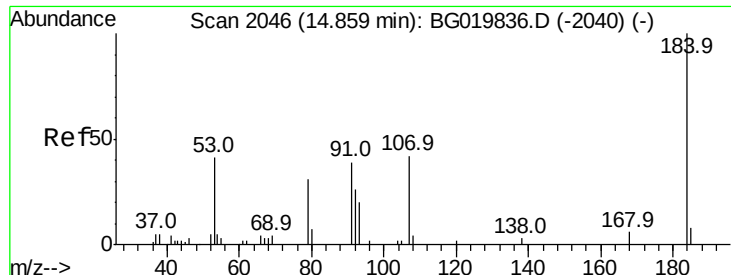
Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	138	Resp:	47030
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.9	11.9
92	123.7	94.2	141.4





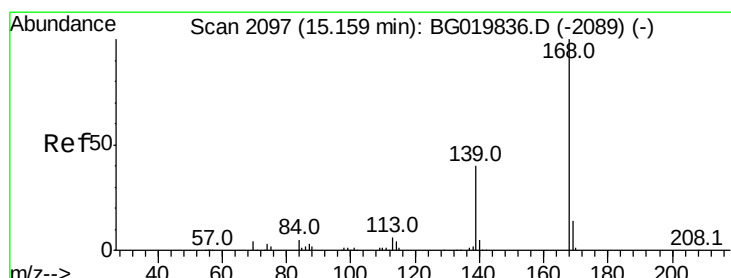
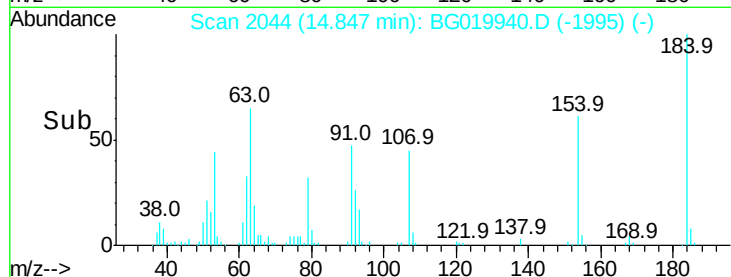
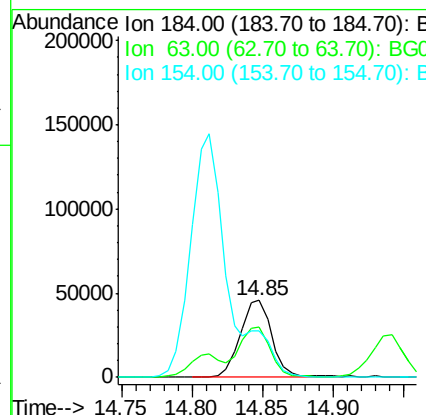
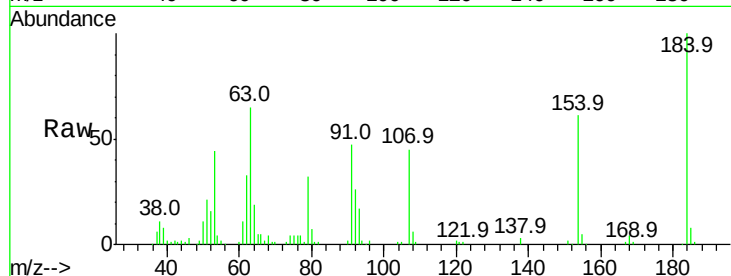
#53
 2,4-Dinitrophenol
 Concen: 83.58 ng
 RT: 14.85 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.7	42.7	64.1#
154	60.7	44.3	66.5

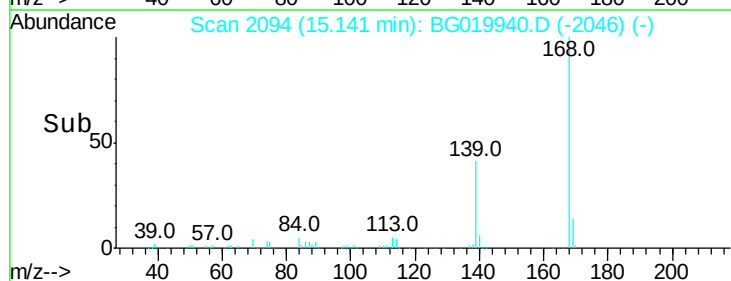
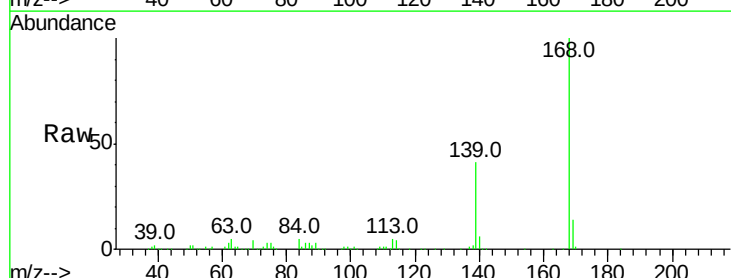
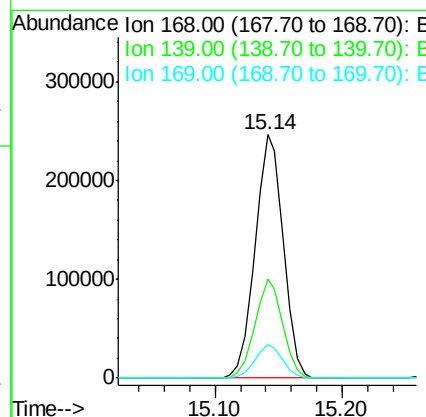
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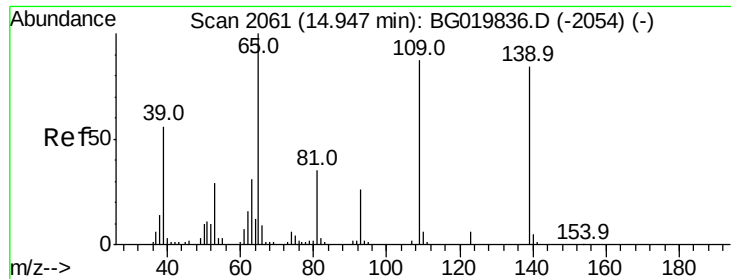
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#54
 Dibenzofuran
 Concen: 40.98 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	27.4	41.0
169	13.6	11.0	16.4





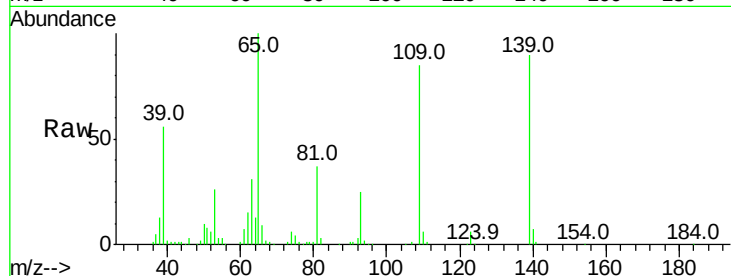
#55
4-Nitrophenol
Concen: 81.86 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampled :
PB87008BS

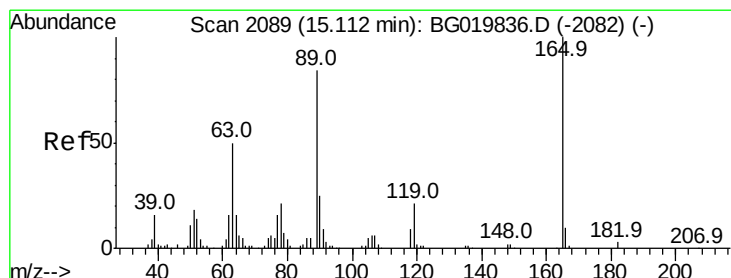
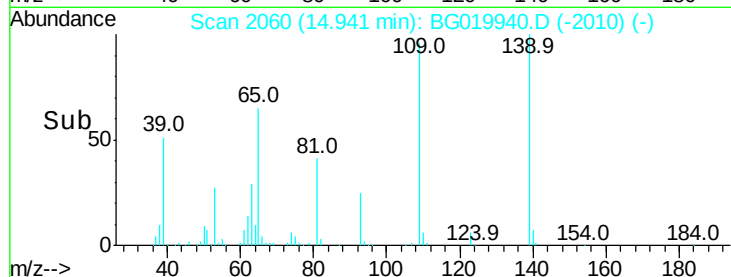
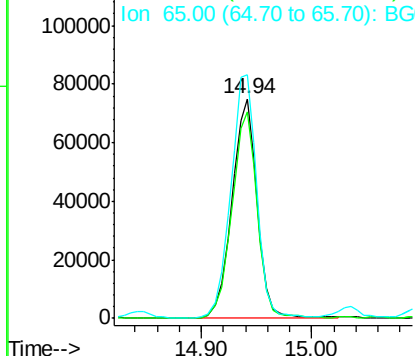
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	93.7	43.2	83.2#	
65	110.8	67.8	107.8#	

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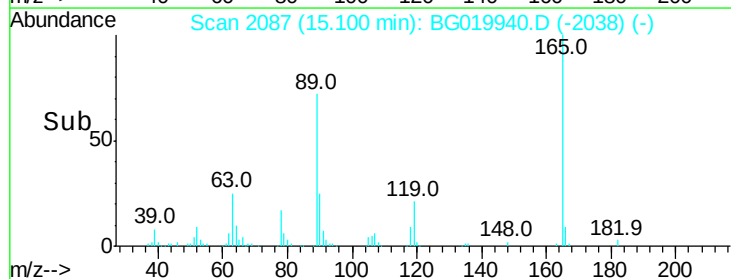
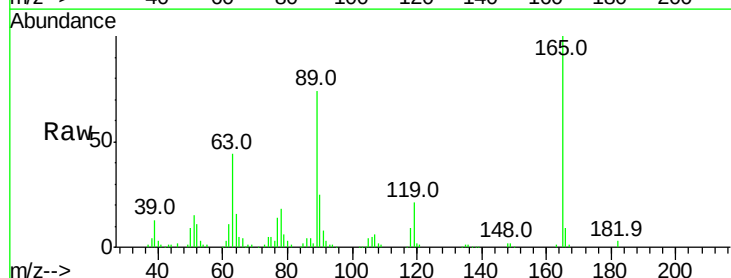
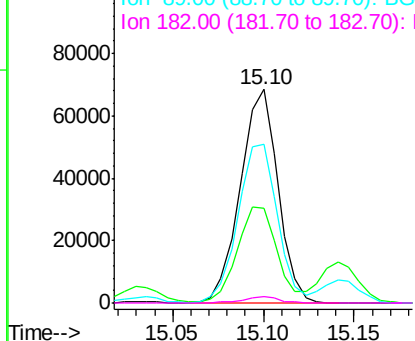
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

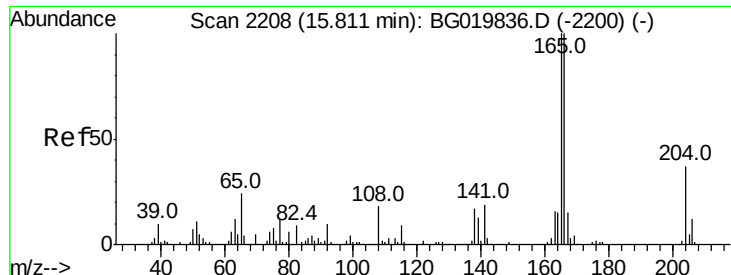


#56
2,4-Dinitrotoluene
Concen: 44.10 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.4	31.0	46.4	
89	74.4	54.4	81.6	
182	3.0	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: 36.61 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

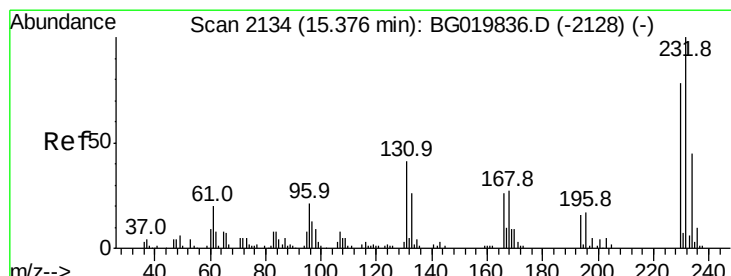
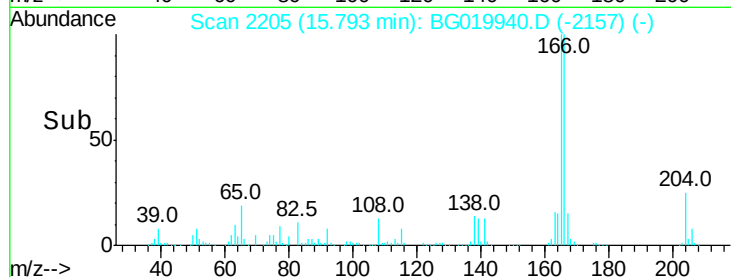
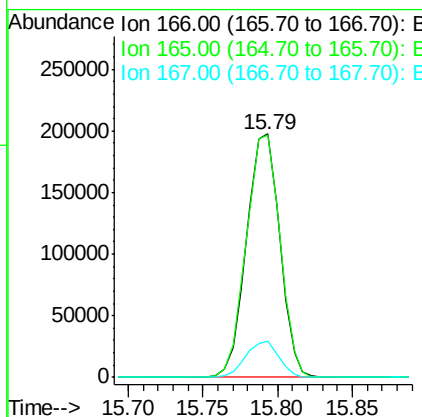
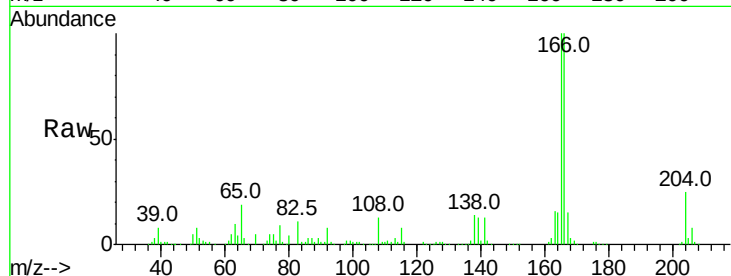
ClientSampleId :

PB87008BS

Tot Ion:	166	Resp:	304271
Ion Ratio	Lower	Upper	
166	100		
165	99.6	80.0	120.0
167	15.1	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.54 ng

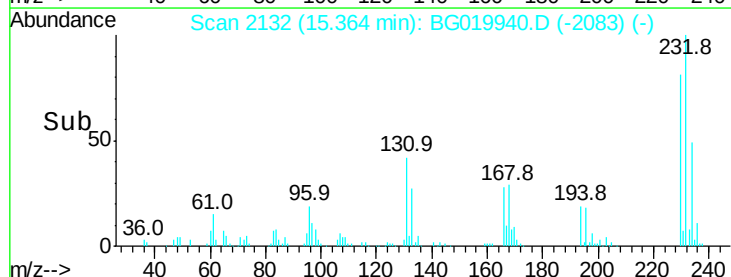
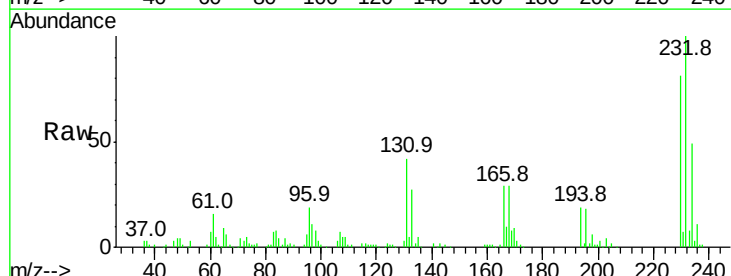
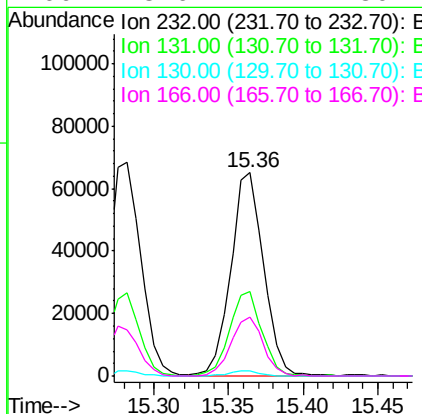
RT: 15.36 min Scan# 2132

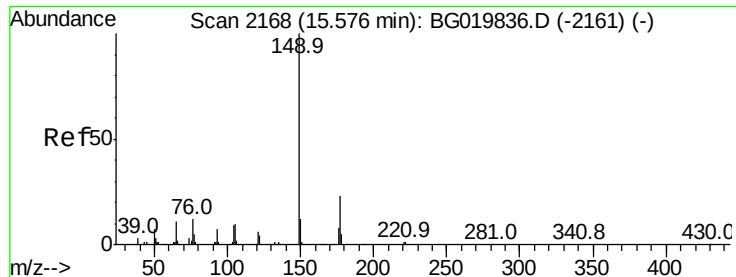
Delta R.T. -0.01 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	232	Resp:	99804
Ion Ratio	Lower	Upper	
232	100		
131	41.0	33.0	49.6
130	2.4	2.0	3.0
166	28.6	24.1	36.1





#59

Diethylphthalate

Concen: 35.66 ng

RT: 15.56 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

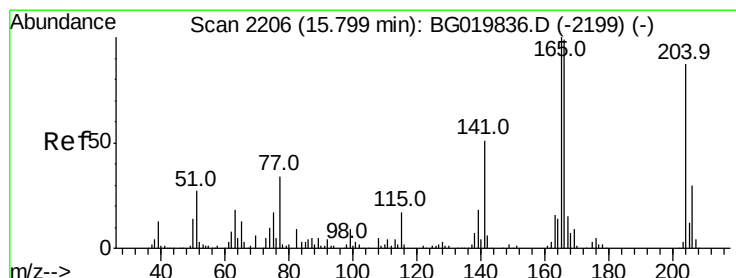
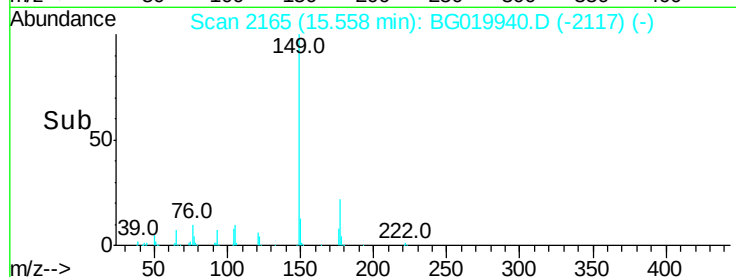
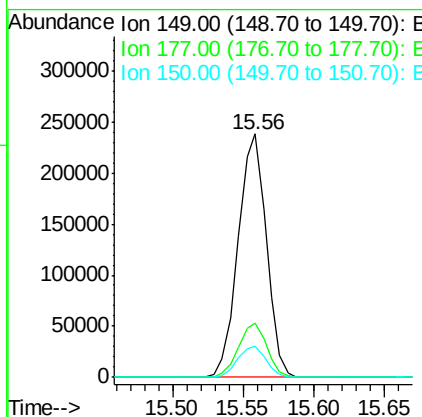
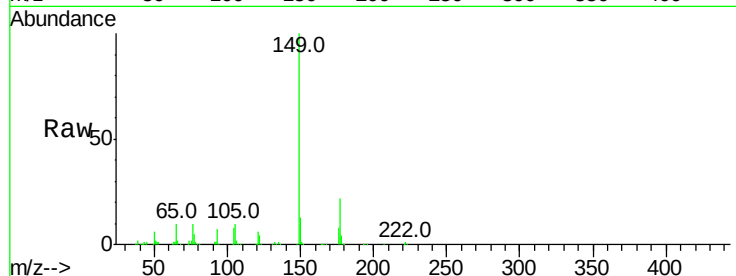
ClientSampleId :

PB87008BS

Tot Ion:	149	Resp:	331385
Ion Ratio	Lower	Upper	
149	100		
177	22.4	19.6	29.4
150	12.6	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 35.35 ng

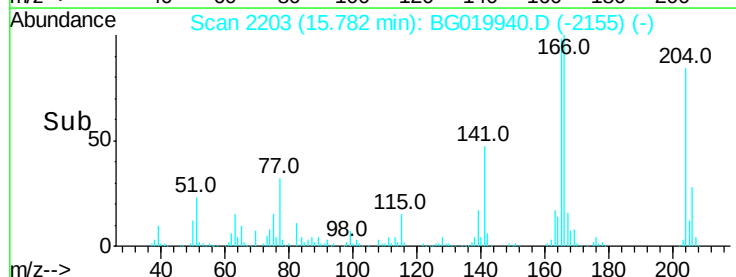
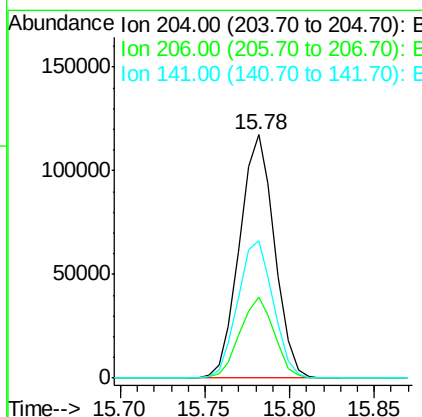
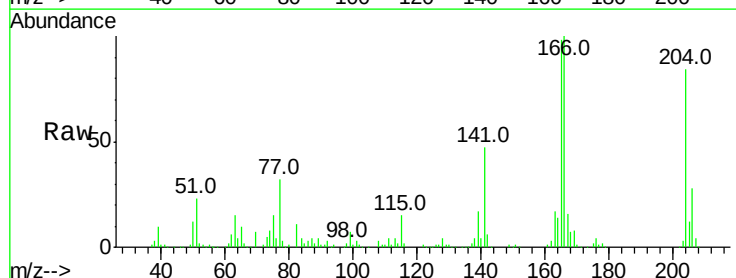
RT: 15.78 min Scan# 2203

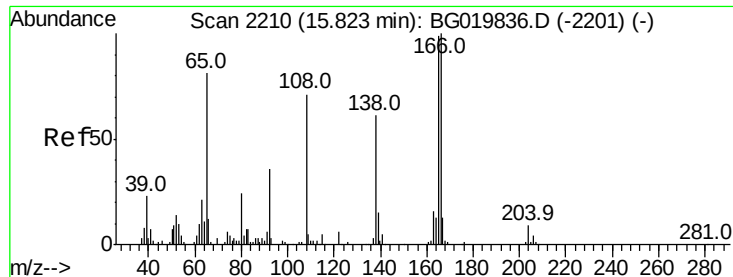
Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	204	Resp:	168674
Ion Ratio	Lower	Upper	
204	100		
206	33.2	28.3	42.5
141	56.4	44.0	66.0





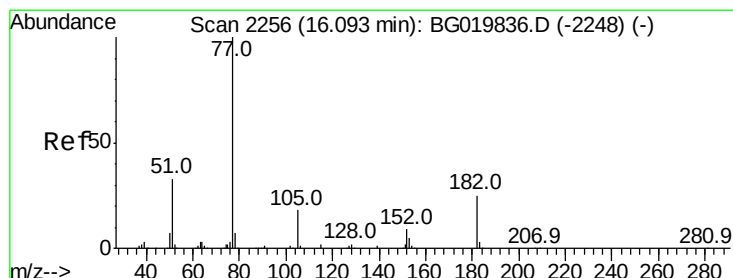
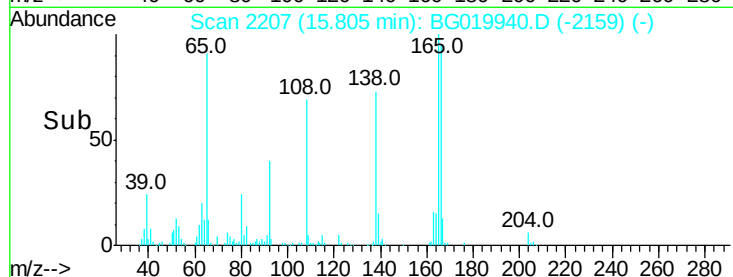
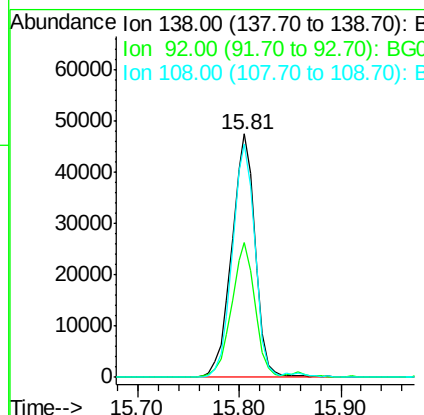
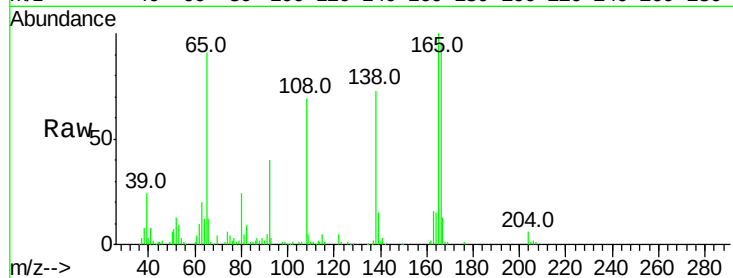
#61
4-Nitroaniline
Concen: 40.33 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.1	29.1	69.1	
108	95.6	49.8	89.8	

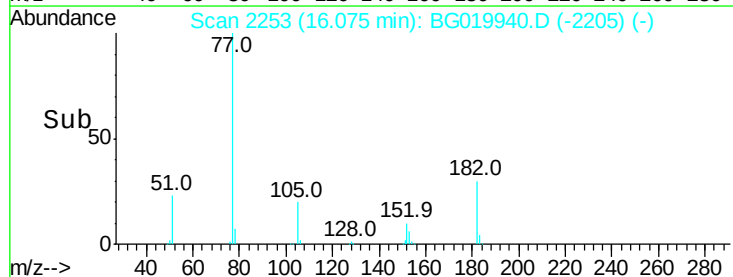
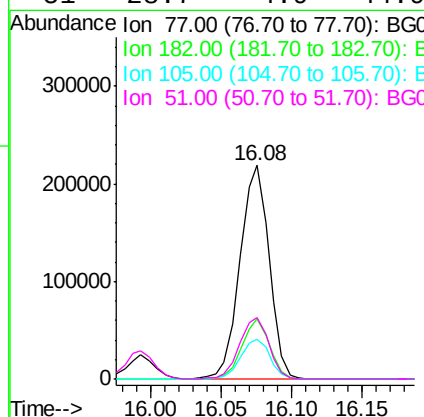
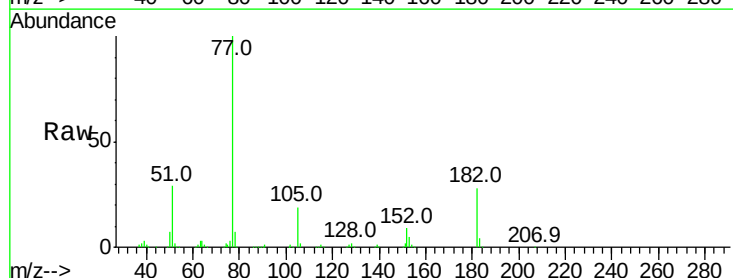
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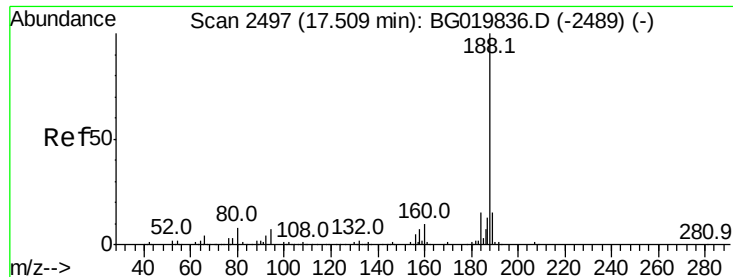
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#62
Azobenzene
Concen: 40.80 ng
RT: 16.08 min Scan# 2253
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.9	7.0	47.0	
105	18.6	1.4	41.4	
51	28.7	4.9	44.9	





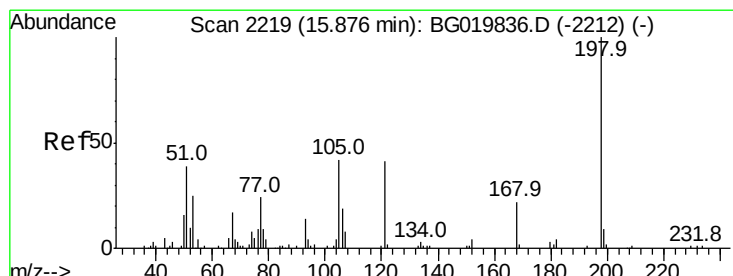
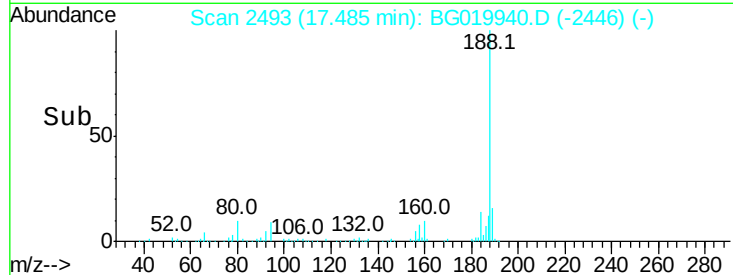
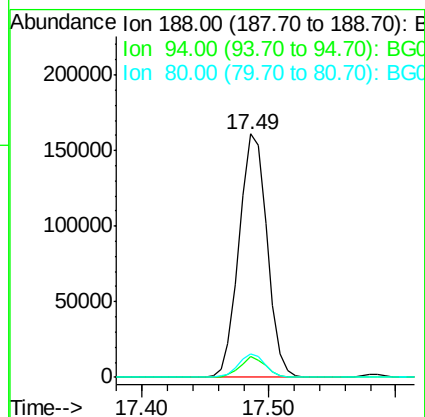
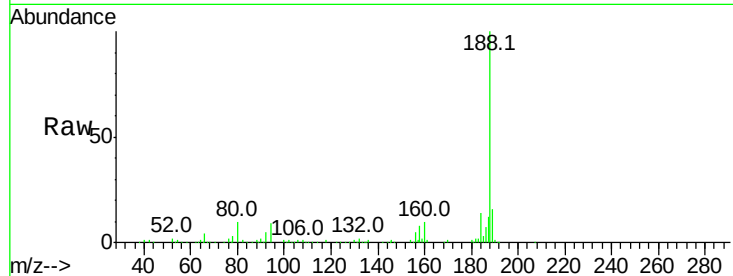
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion:188	Resp: 245986
Ion Ratio	Lower Upper
188 100	
94 8.8	7.7 11.5
80 9.8	7.8 11.8

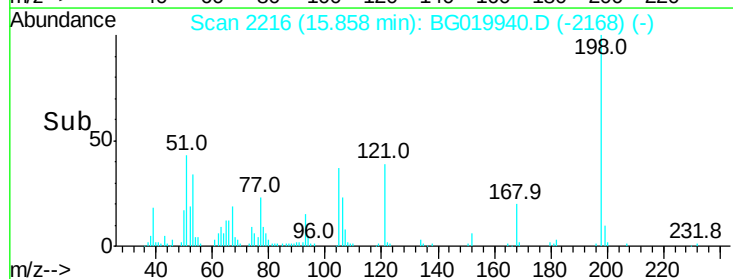
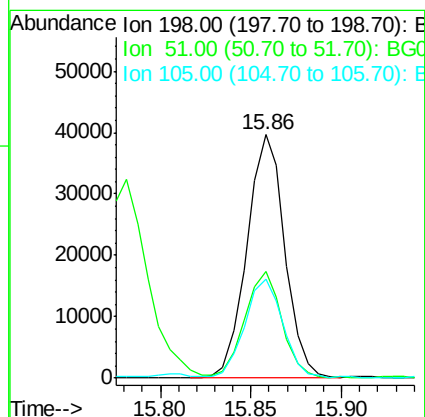
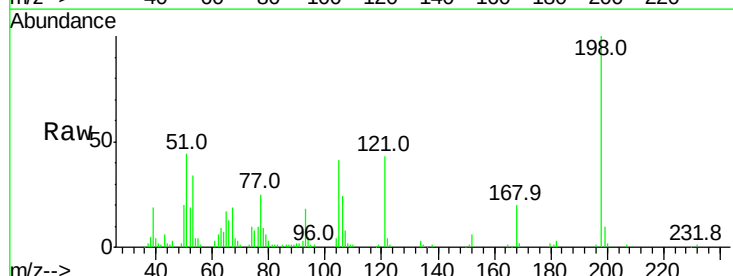
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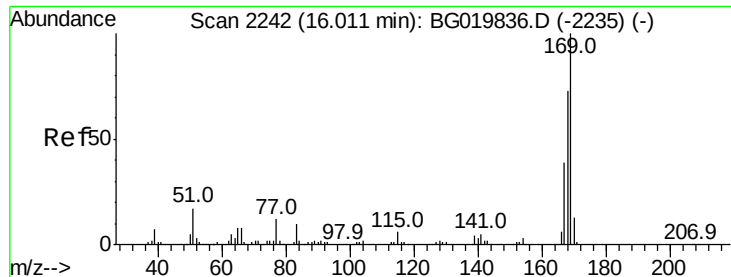
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.32 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion:198	Resp: 57339
Ion Ratio	Lower Upper
198 100	
51 43.8	14.2 54.2
105 40.9	21.1 61.1





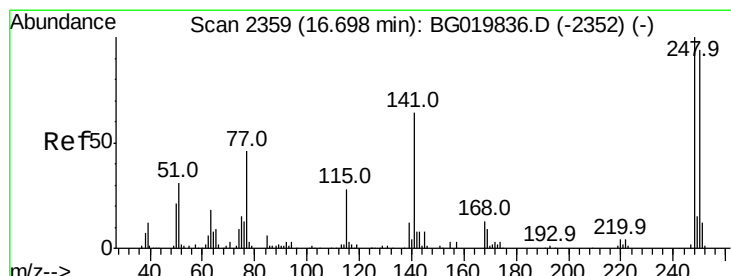
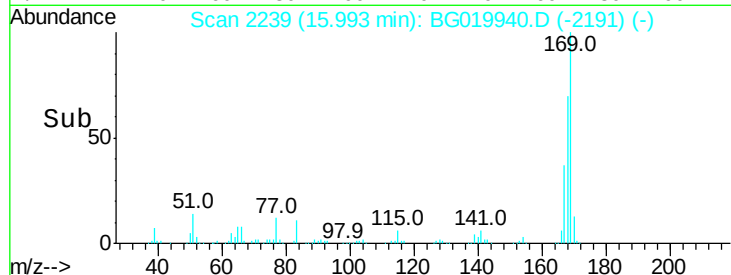
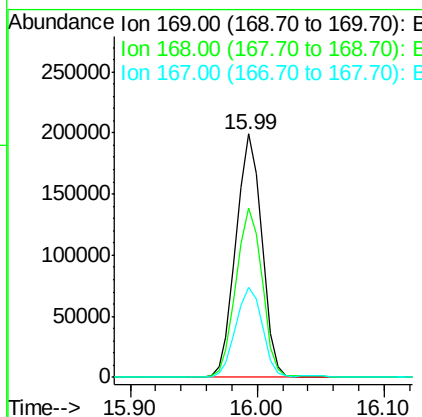
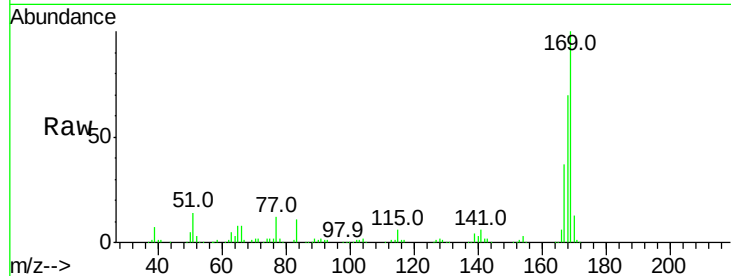
#65
n-Nitrosodiphenylamine
Concen: 39.52 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	281350		
168	69.7	58.2	87.2	
167	36.9	32.7	49.1	

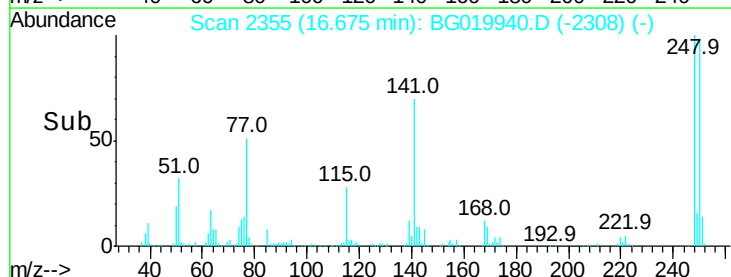
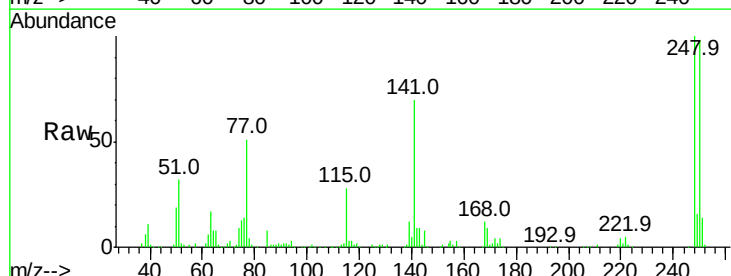
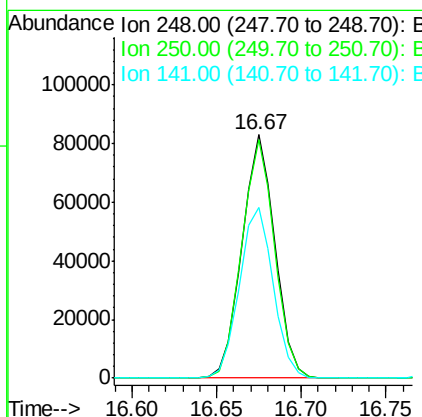
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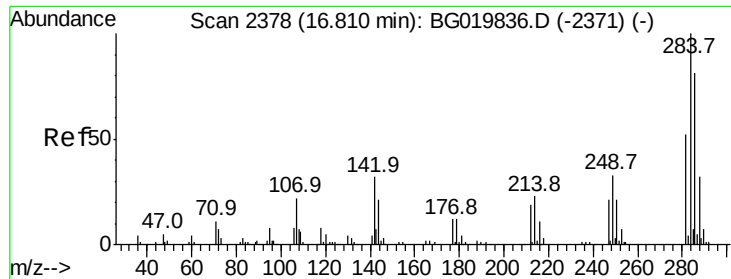
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#66
4-Bromophenyl-phenylether
Concen: 36.78 ng
RT: 16.67 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	112433		
250	97.9	77.8	116.8	
141	70.0	50.4	75.6	





#67

Hexachlorobenzene

Concen: 38.22 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

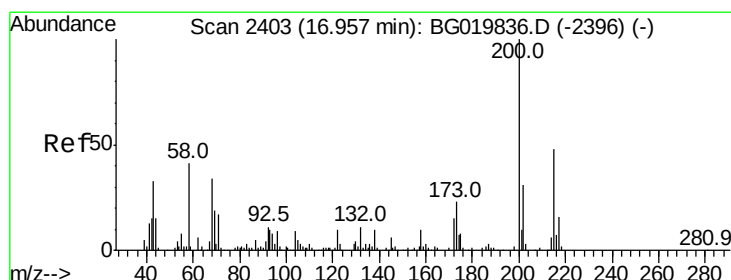
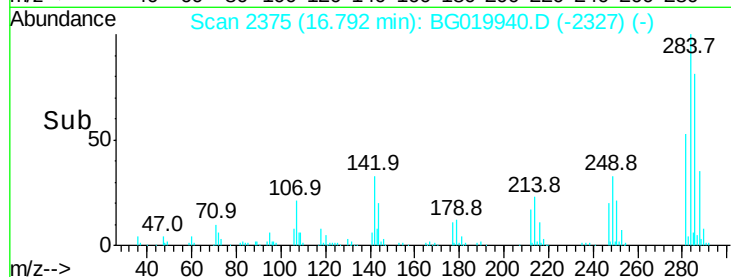
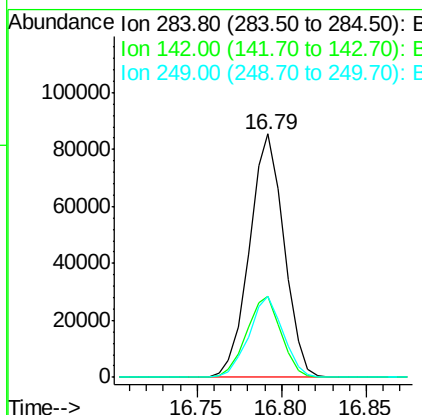
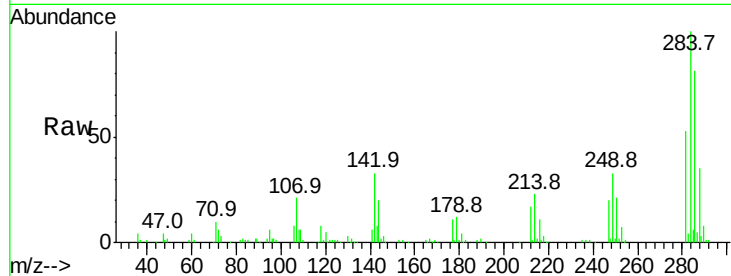
ClientSampleId :

PB87008BS

Tot Ion:	284	Resp:	121706
Ion Ratio	Lower	Upper	
284	100		
142	33.1	26.6	39.8
249	33.3	26.2	39.2

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#68

Atrazine

Concen: 39.03 ng

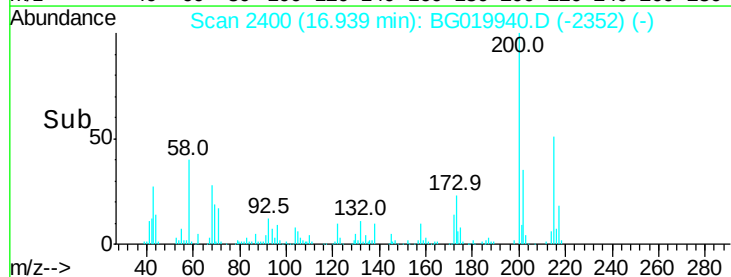
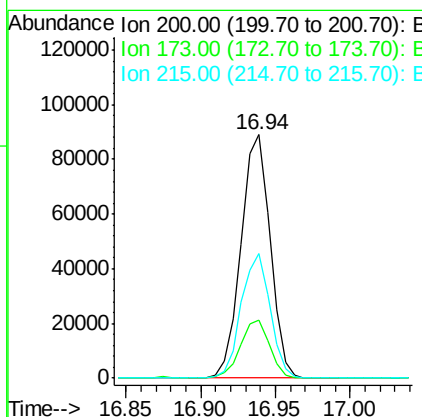
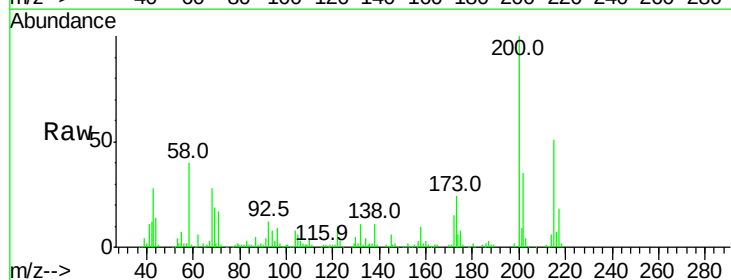
RT: 16.94 min Scan# 2400

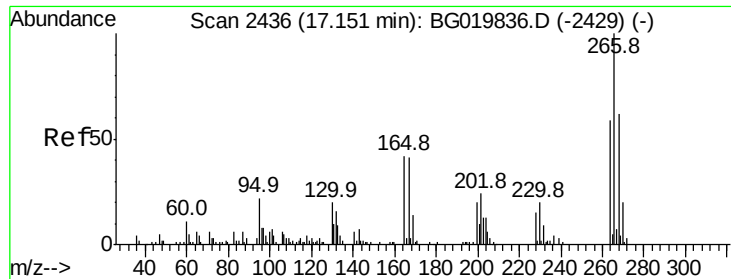
Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	200	Resp:	120711
Ion Ratio	Lower	Upper	
200	100		
173	23.6	5.2	45.2
215	51.4	27.0	67.0





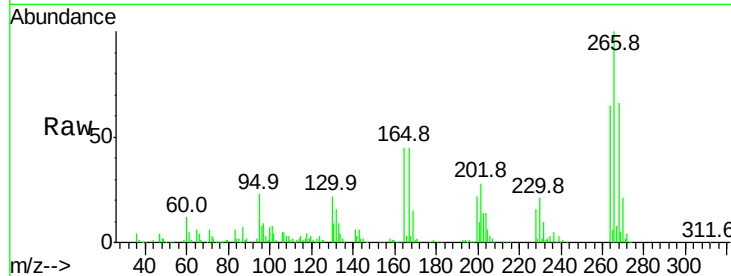
#69
 Pentachlorophenol
 Concen: 84.83 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

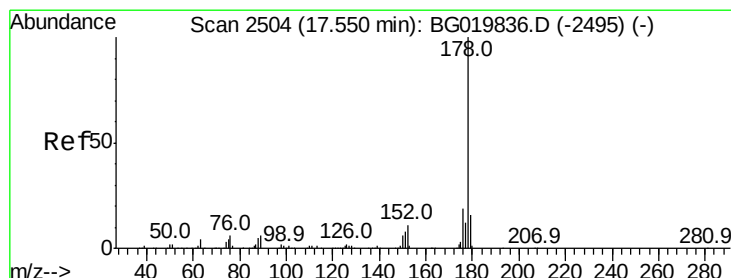
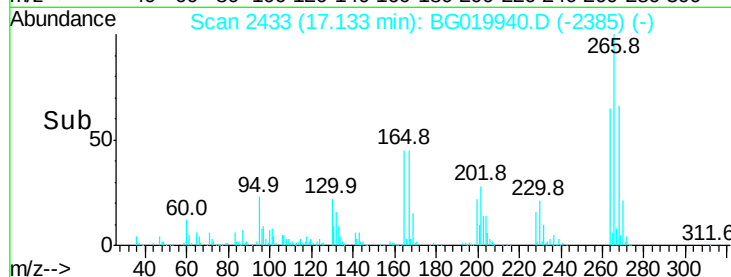
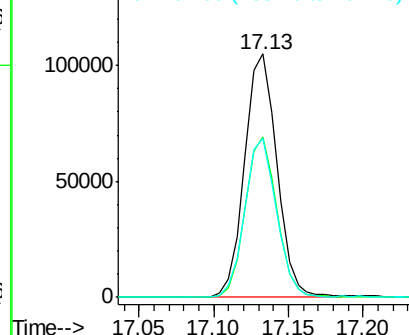
Tot Ion:	266	Resp:	157650
Ion Ratio		Lower	Upper
266	100		
268	66.1	47.6	71.4
264	65.3	48.1	72.1

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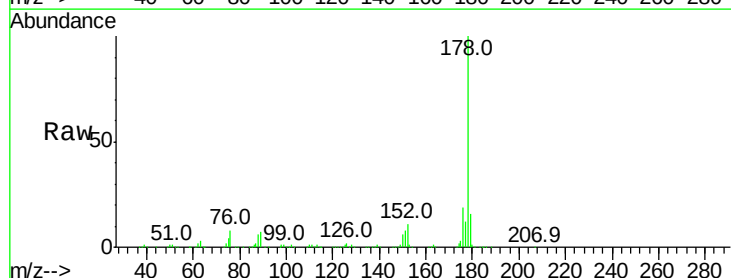


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

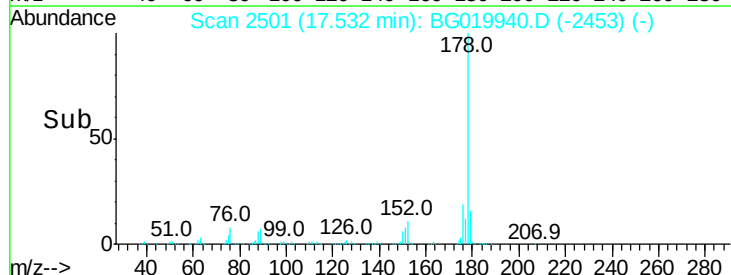
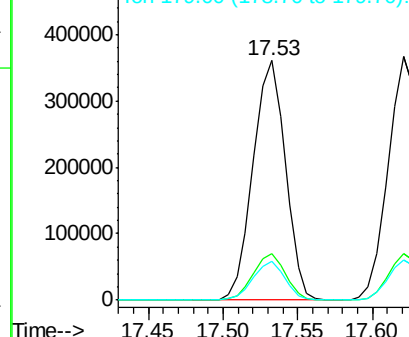


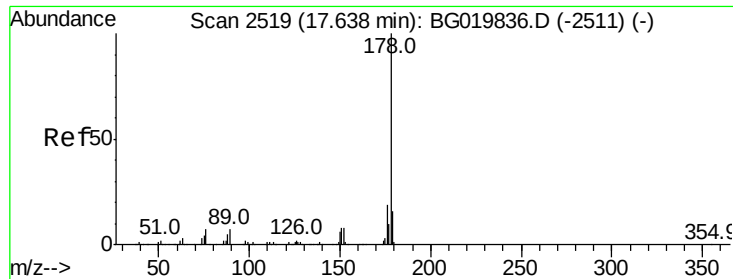
#70
 Phenanthrene
 Concen: 38.80 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Tgt Ion:	178	Resp:	540039
Ion Ratio		Lower	Upper
178	100		
176	19.3	16.7	25.1
179	16.2	13.9	20.9



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





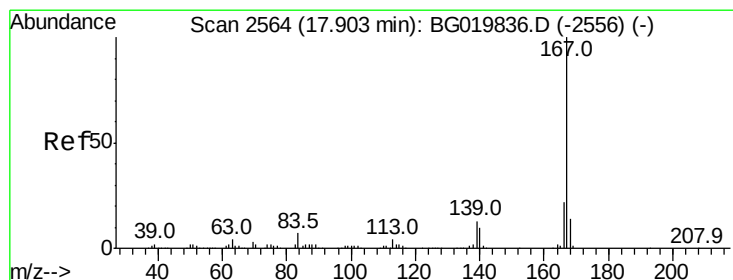
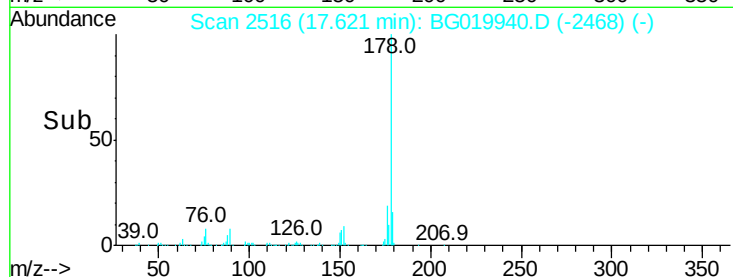
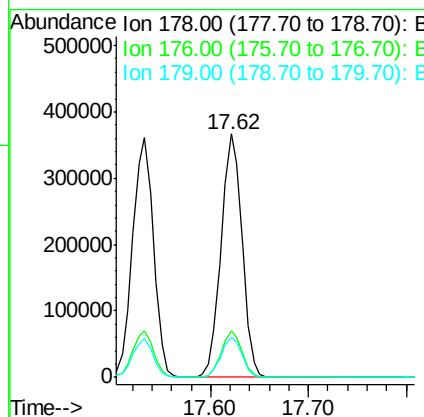
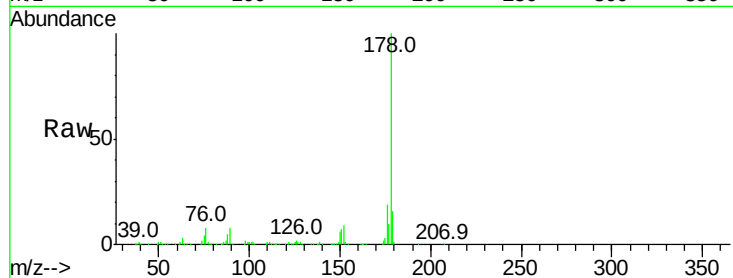
#71
 Anthracene
 Concen: 38.58 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.8	25.2
179	16.3	13.9	20.9

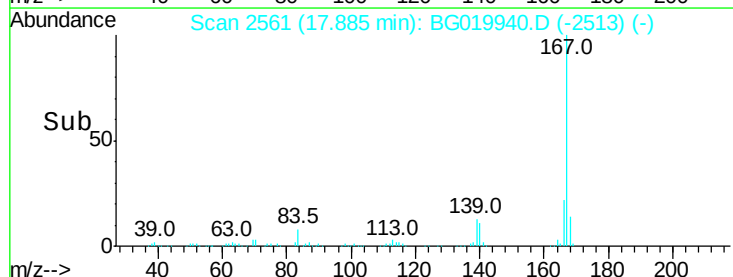
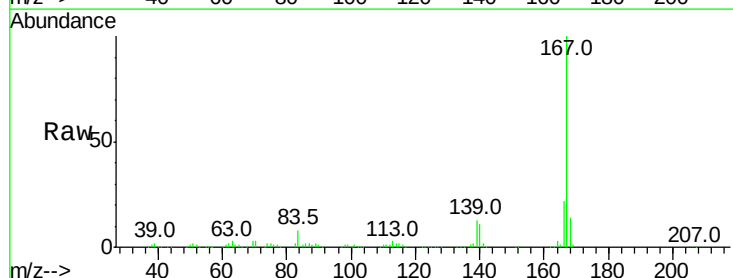
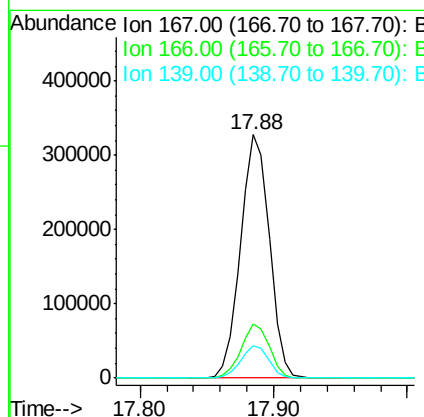
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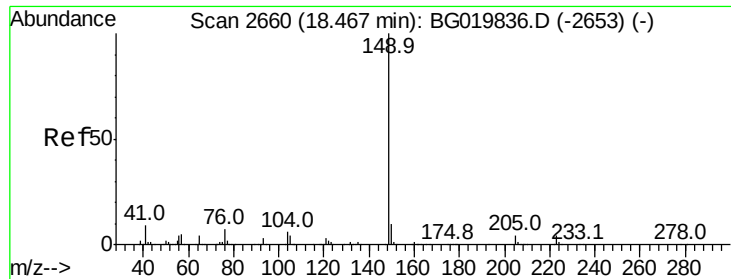
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#72
 Carbazole
 Concen: 39.14 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.0	28.6
139	13.1	10.2	15.4





#73

Di-n-butylphthalate

Concen: 38.30 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

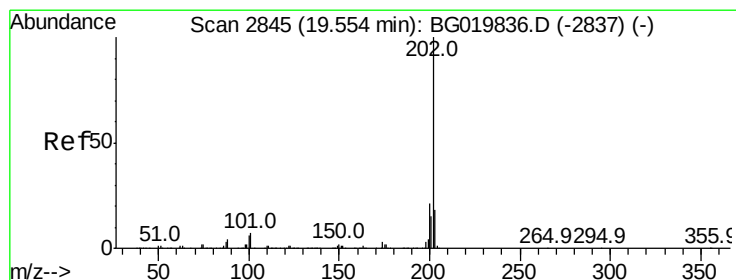
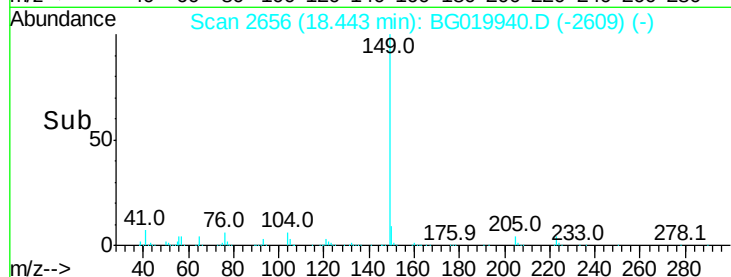
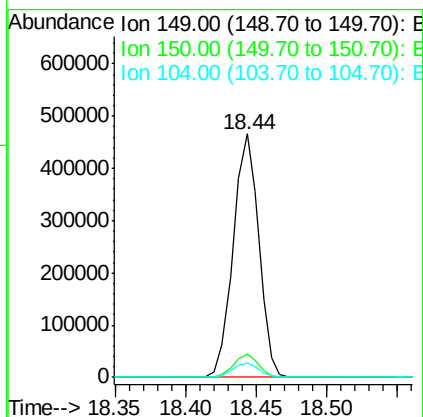
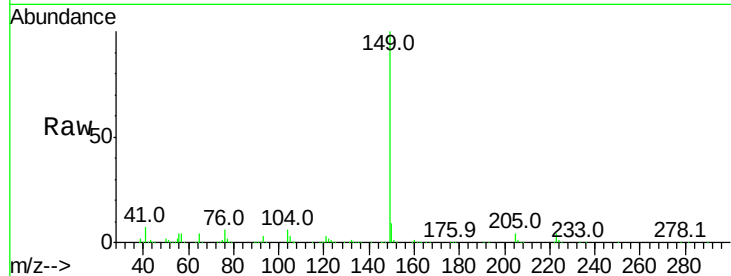
ClientSampleId :

PB87008BS

Tot Ion:	149	Resp:	586321
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.2	12.4
104	6.0	4.4	6.6

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#74

Fluoranthene

Concen: 38.20 ng

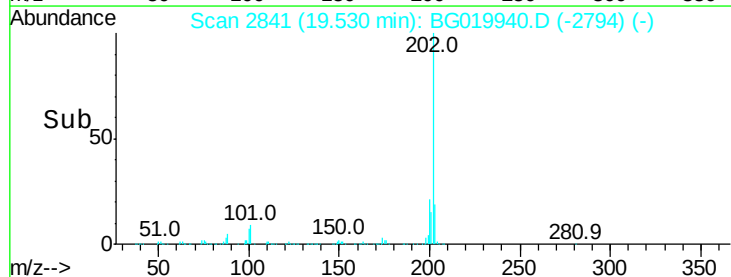
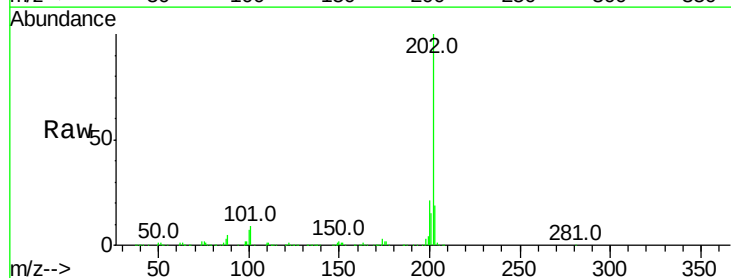
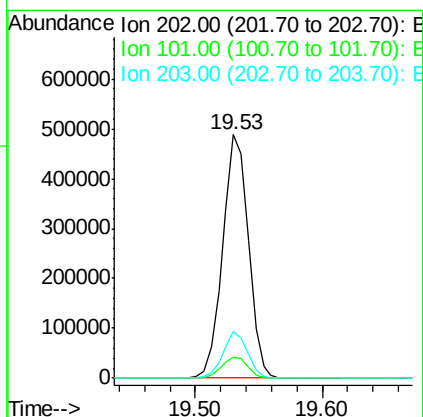
RT: 19.53 min Scan# 2841

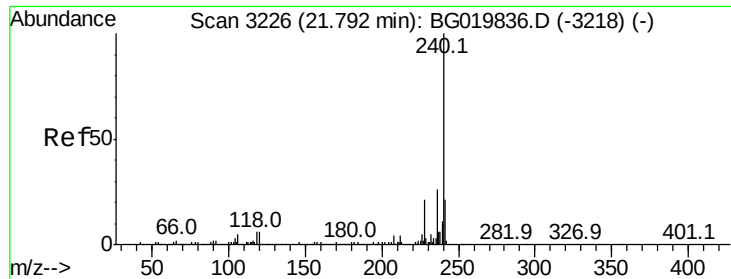
Delta R.T. -0.02 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	202	Resp:	679939
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	32.4
203	19.0	0.0	39.5





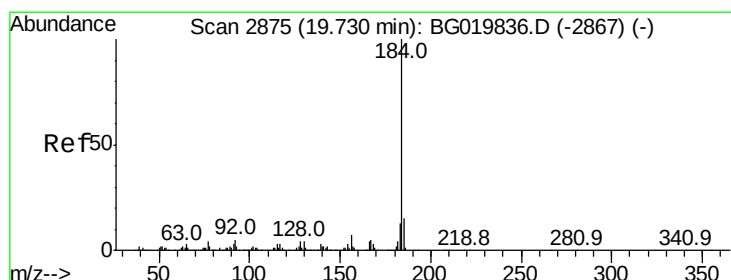
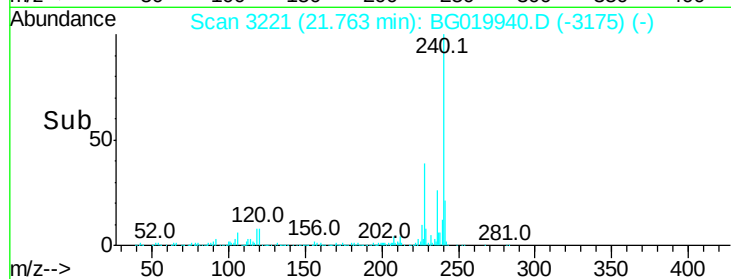
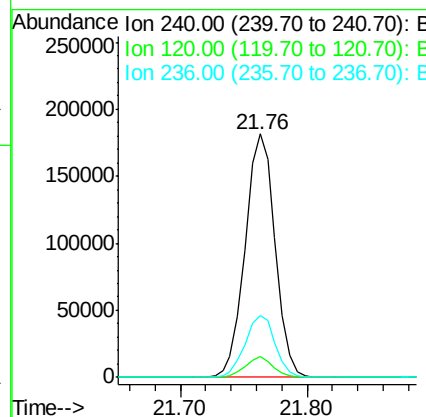
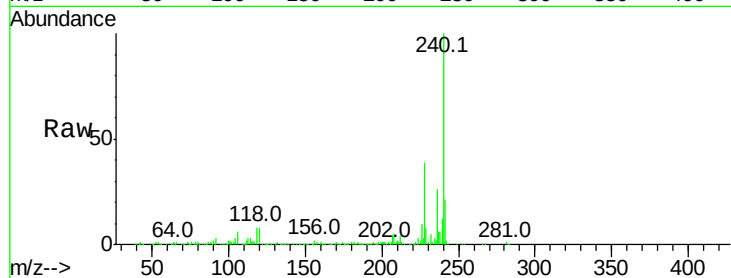
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.5	7.4	11.0
236	25.7	20.7	31.1

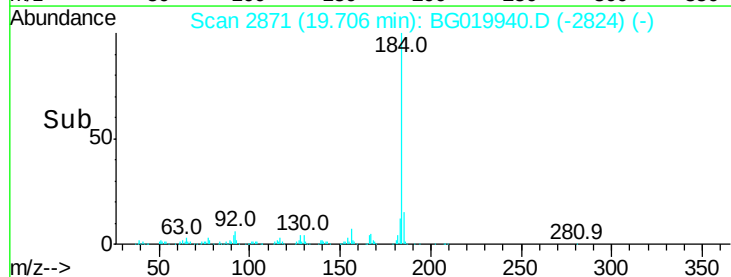
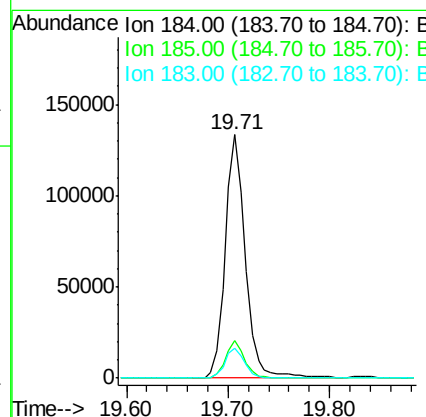
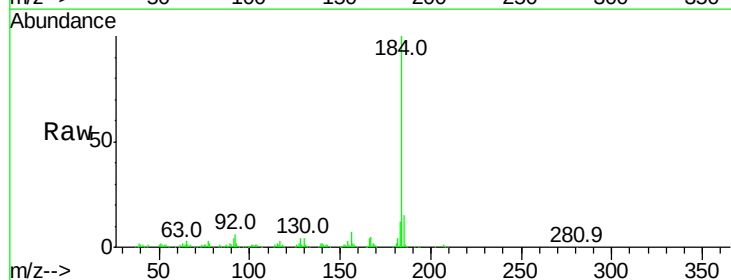
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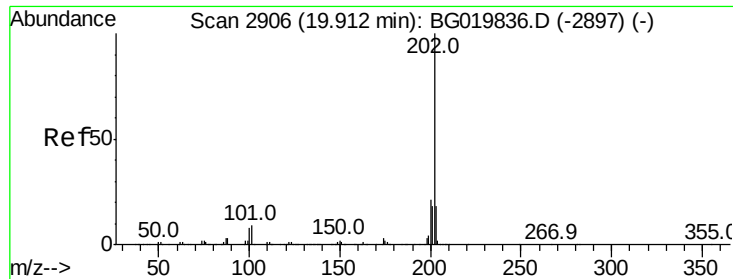
Mmdadoda
12/7/2015 6:29:49 PM



#76
Benzidine
Concen: 18.89 ng
RT: 19.71 min Scan# 2871
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.4	13.4	20.2
183	12.5	10.1	15.1





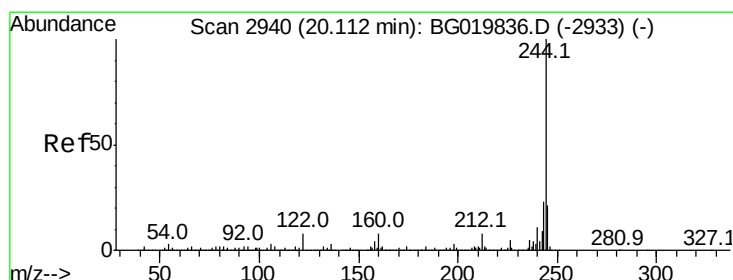
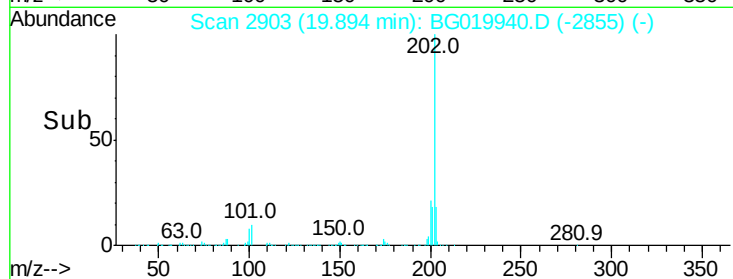
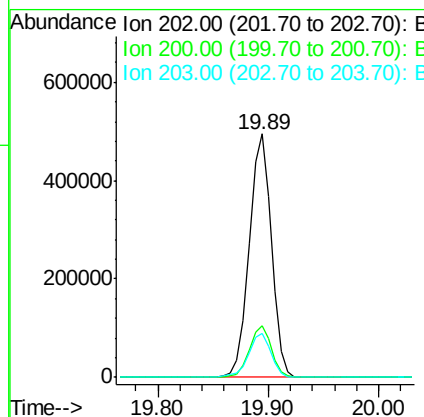
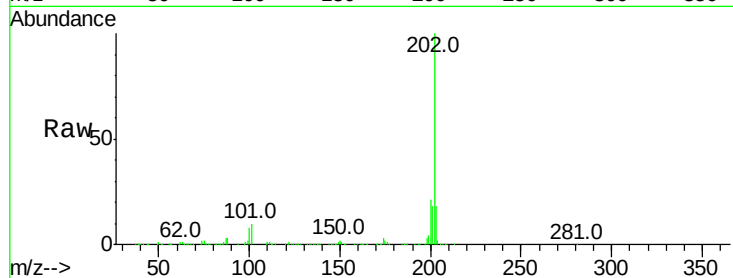
#77
Pvrene
Concen: 40.07 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	19.4	29.0
203	18.2	15.5	23.3

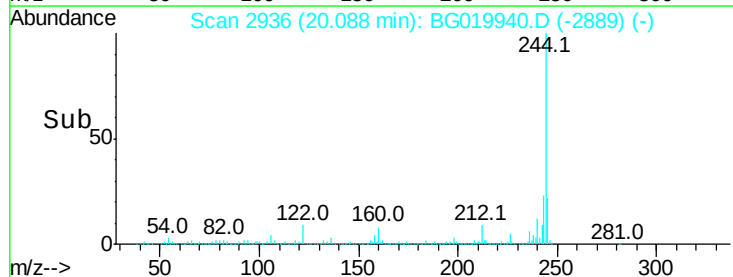
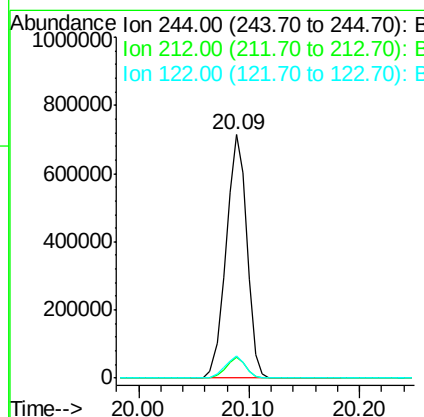
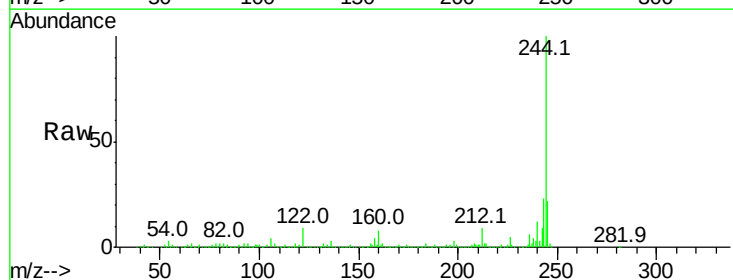
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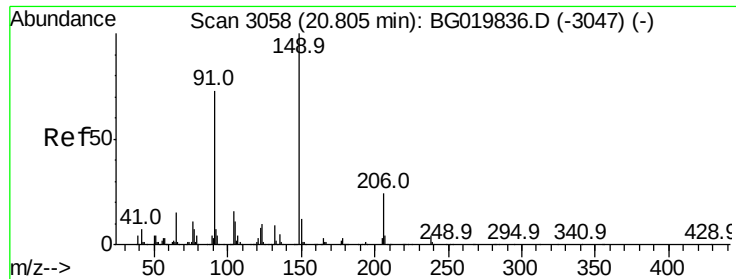
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#78
Terphenyl-d14
Concen: 77.34 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.6	6.9	10.3
122	8.9	10.2	15.2#





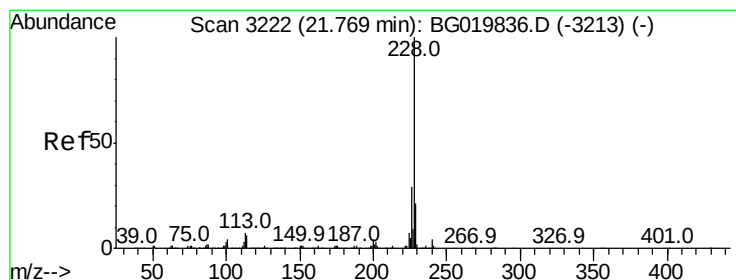
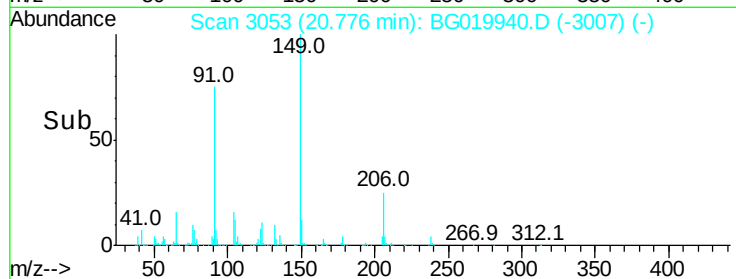
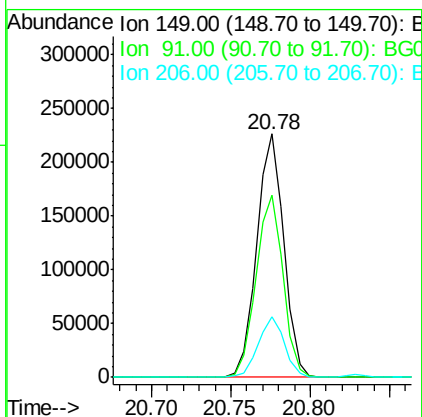
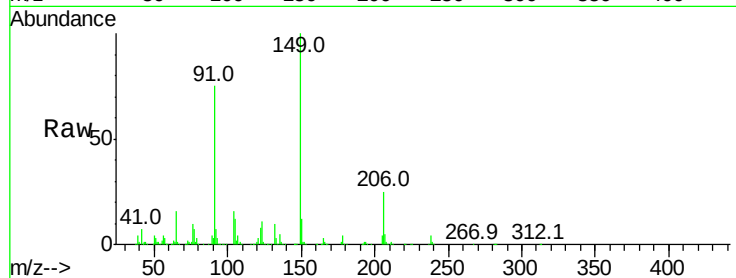
#79
Butylbenzylphthalate
Concen: 39.46 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.03 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
PB87008BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	269422		
91	74.6	58.1	87.1	
206	25.1	17.8	26.8	

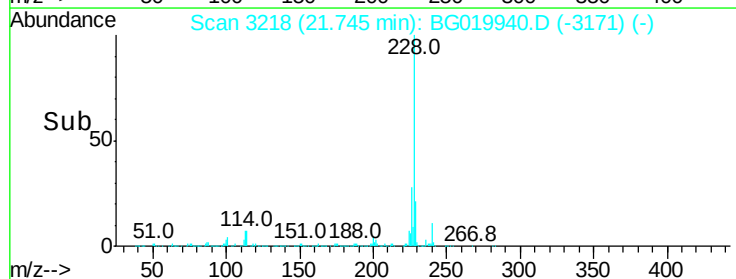
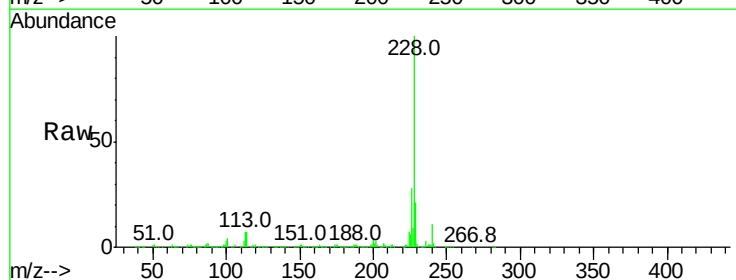
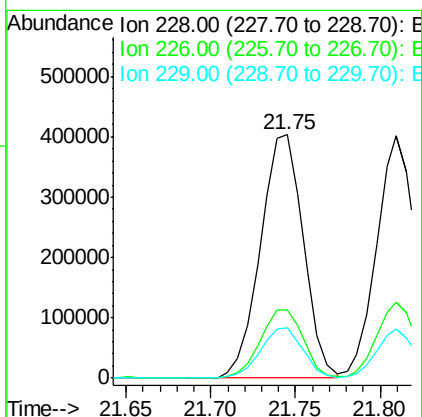
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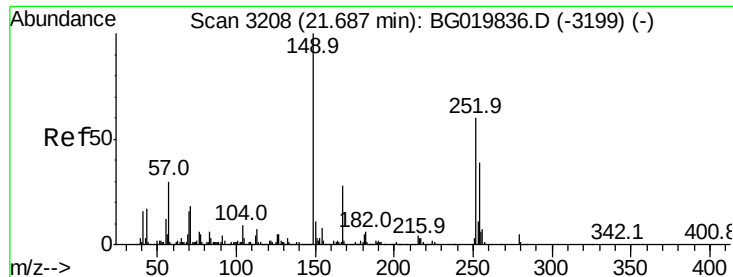
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#80
Benzo(a)anthracene
Concen: 38.92 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.02 min
Lab File: BG019940.D
Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	705487		
226	28.3	23.4	35.0	
229	20.5	16.6	25.0	





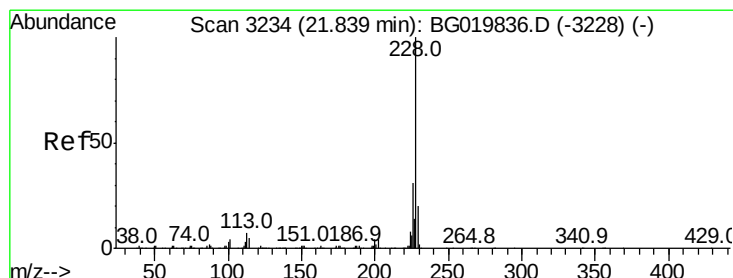
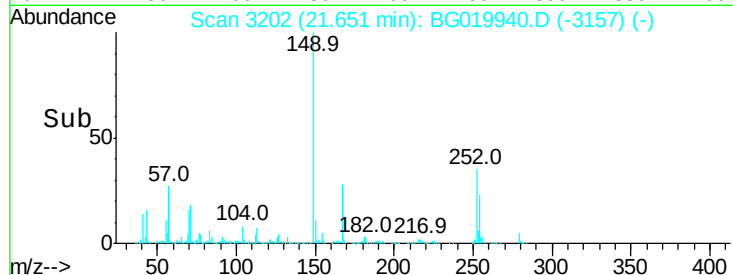
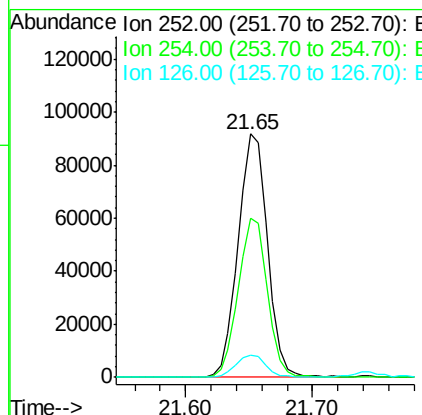
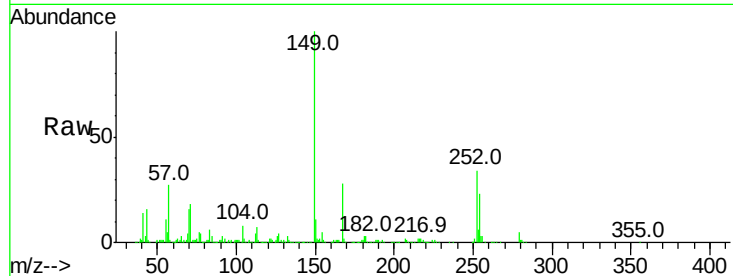
#81
 3,3'-Dichlorobenzidine
 Concen: 21.33 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	147253		
254	65.5	52.5	78.7	
126	9.3	8.5	12.7	

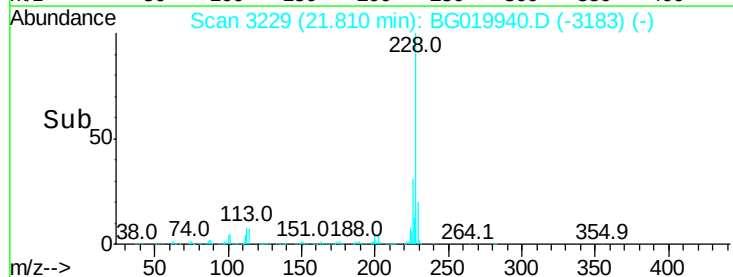
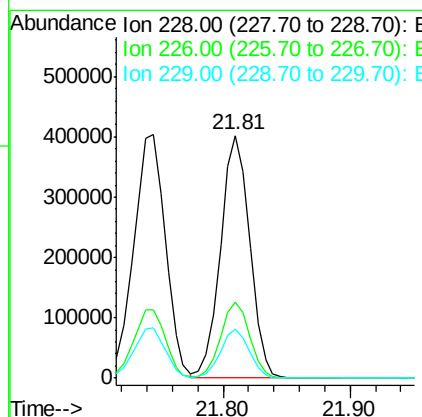
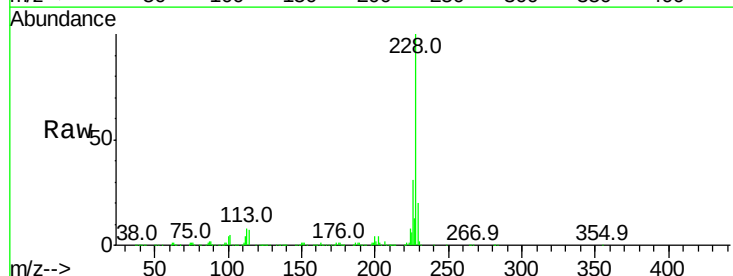
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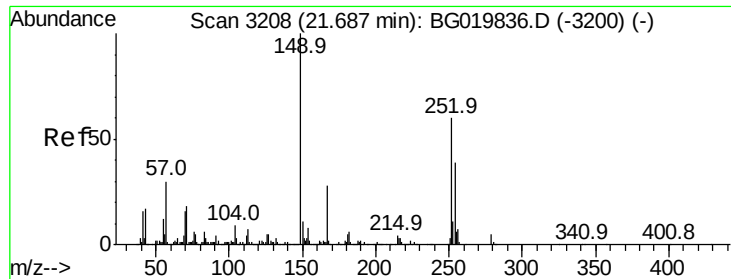
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#82
 Chrysene
 Concen: 37.23 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	640743		
226	31.5	26.7	40.1	
229	20.4	17.0	25.6	





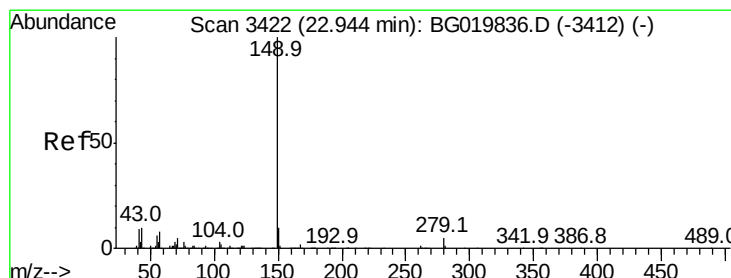
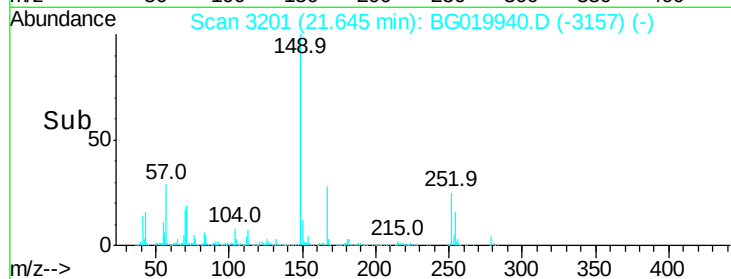
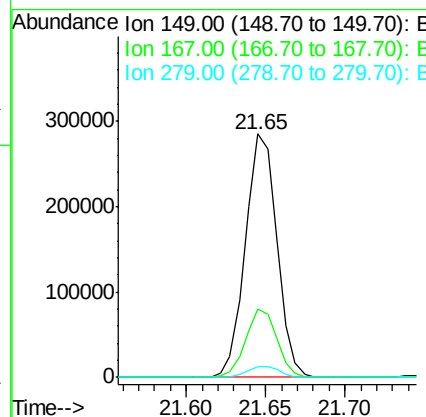
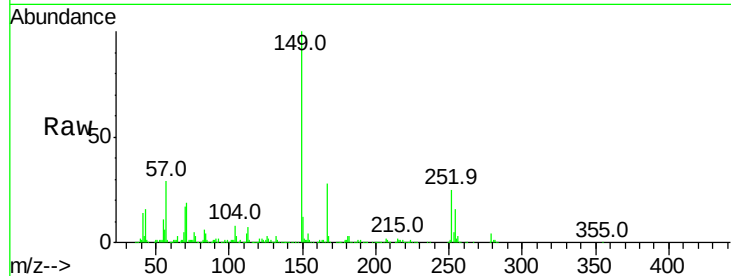
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.24 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.2	23.8	35.8	
279	4.3	3.4	5.2	

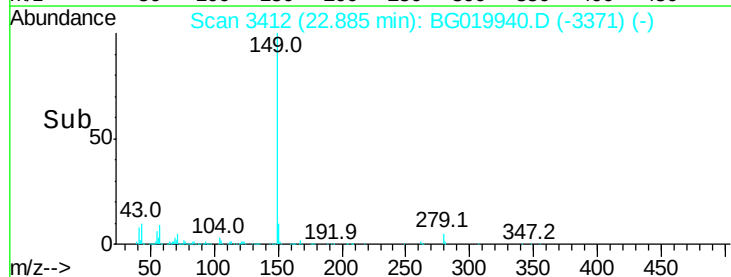
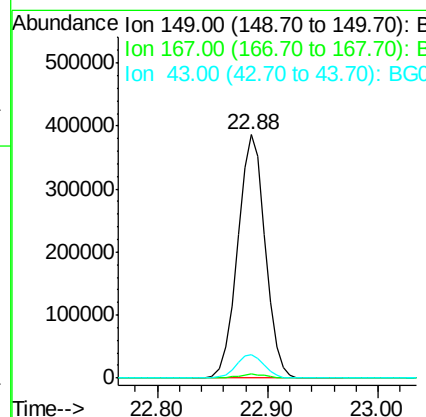
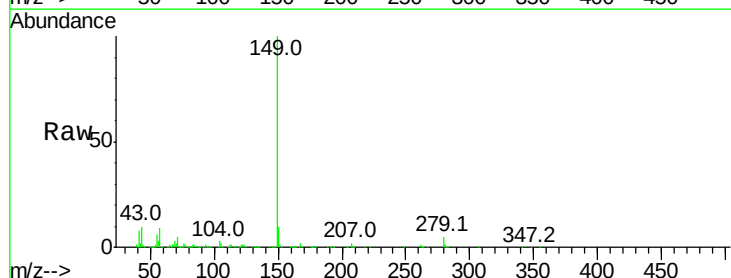
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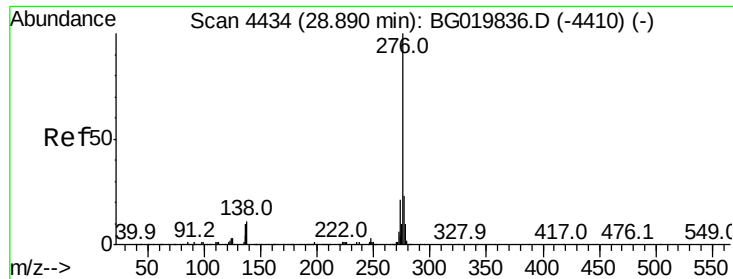
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#84
 Di-n-octyl phthalate
 Concen: 41.11 ng
 RT: 22.88 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	9.7	5.9	8.9	





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.94 ng

RT: 28.80 min Scan# 4418

Delta R.T. -0.09 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

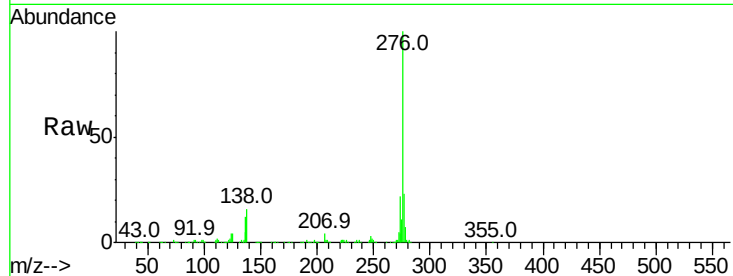
ClientSampleId :

PB87008BS

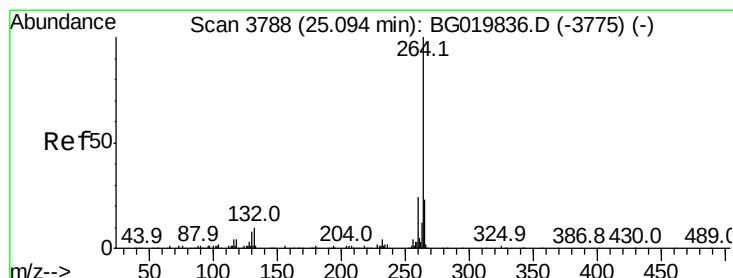
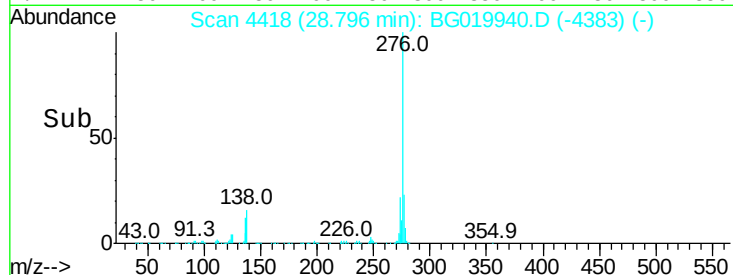
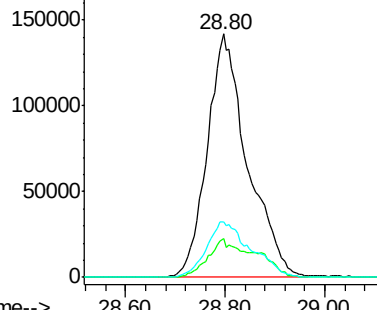
Tot Ion:	276	Resp:	795086
Ion Ratio		Lower	Upper
276	100		
138	14.9	0.0	0.0#
277	25.4	0.0	0.0#

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

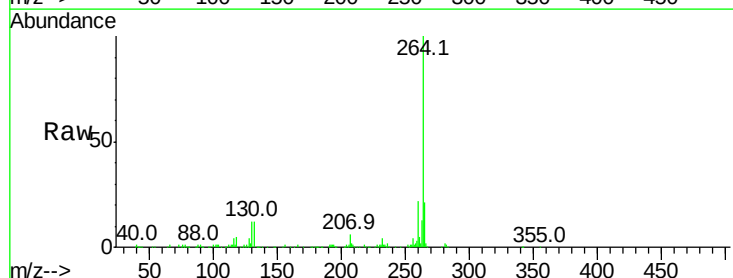
RT: 25.05 min Scan# 3780

Delta R.T. -0.05 min

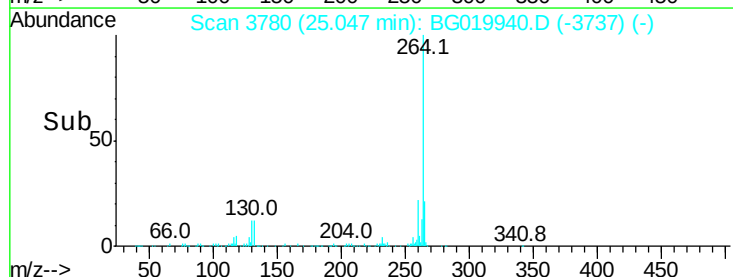
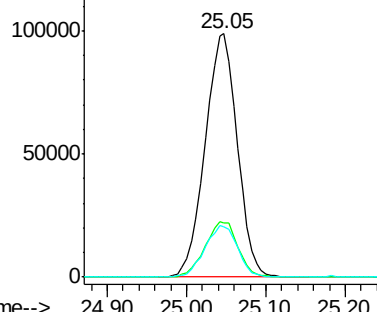
Lab File: BG019940.D

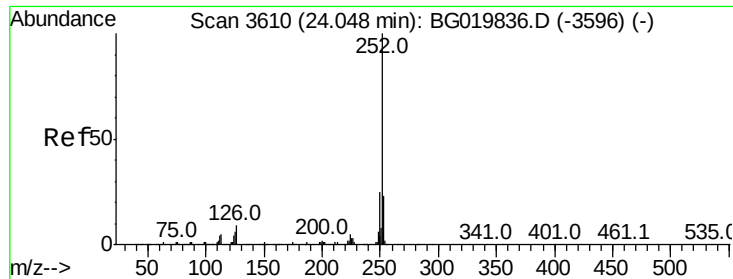
Acq: 5 Dec 2015 13:47

Tgt Ion:	264	Resp:	277829
Ion Ratio		Lower	Upper
264	100		
260	22.2	18.5	27.7
265	20.7	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 39.51 ng

RT: 24.00 min Scan# 3602

Delta R.T. -0.05 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

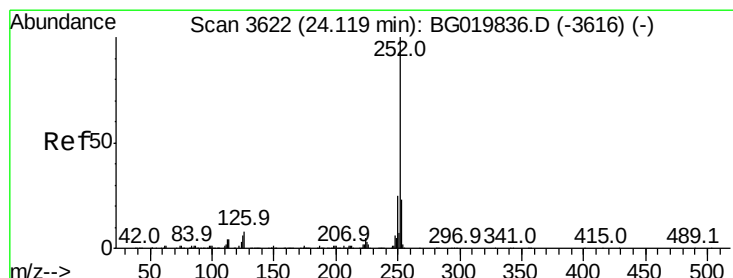
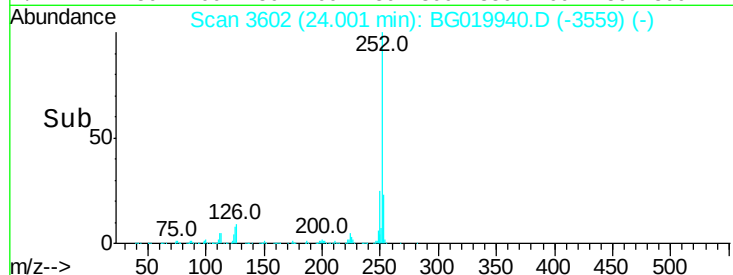
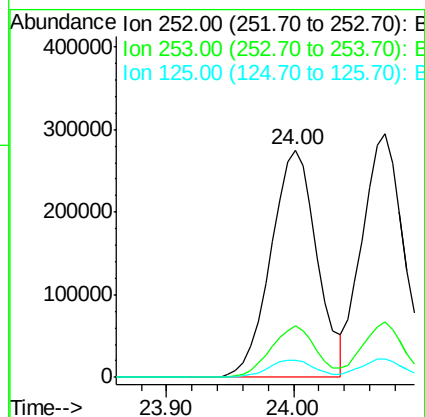
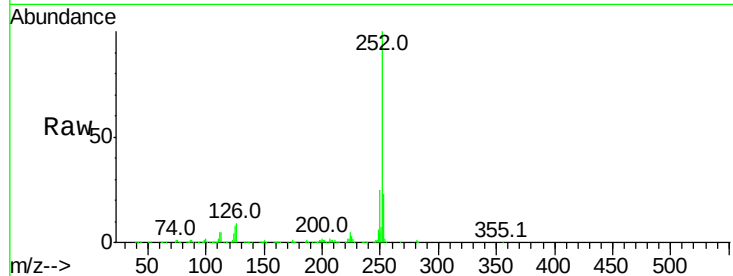
ClientSampleId :

PB87008BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	695655		
253	23.0		19.1	28.7
125	7.8		8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 38.11 ng

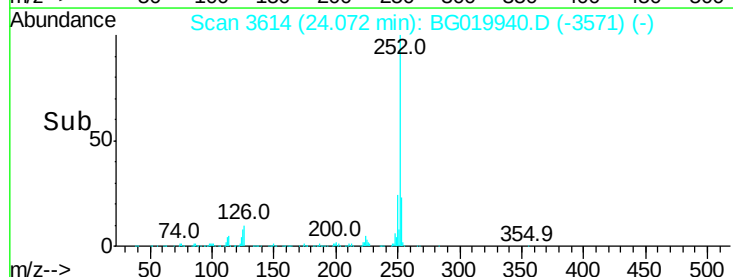
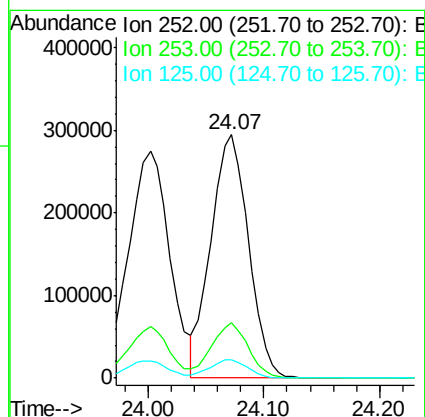
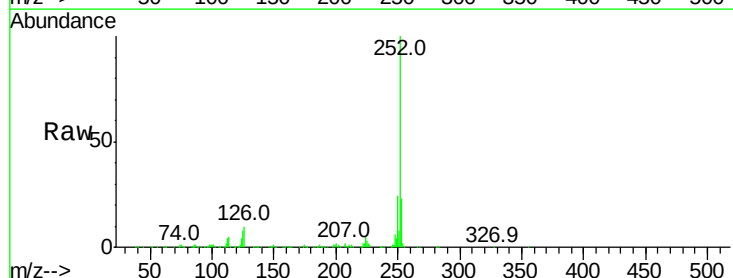
RT: 24.07 min Scan# 3614

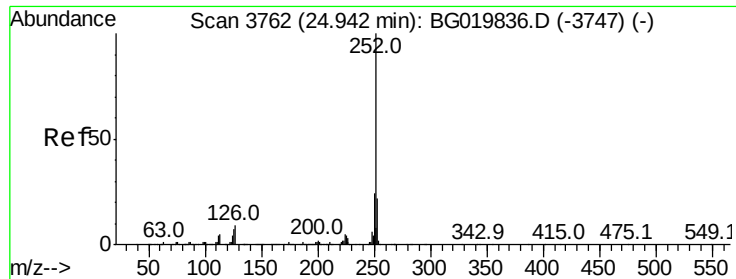
Delta R.T. -0.05 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	664530		
253	22.7		19.0	28.4
125	7.6		8.9	13.3#





#89

Benzo(a)pyrene

Concen: 39.92 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Instrument :

BNA_G

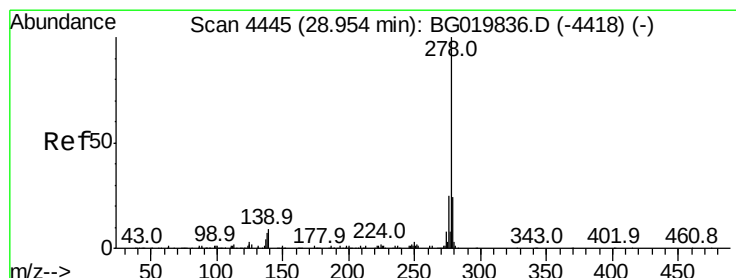
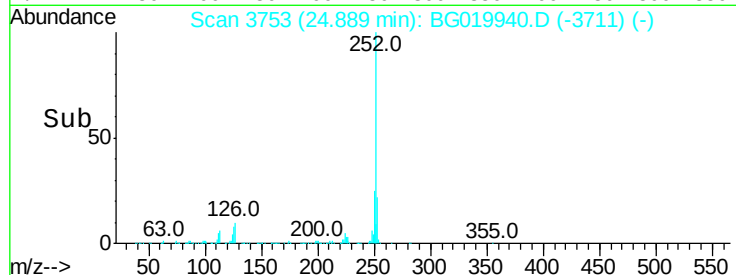
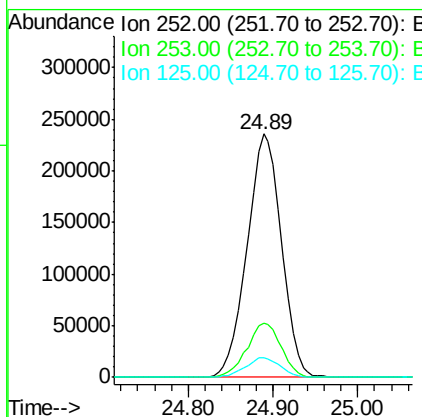
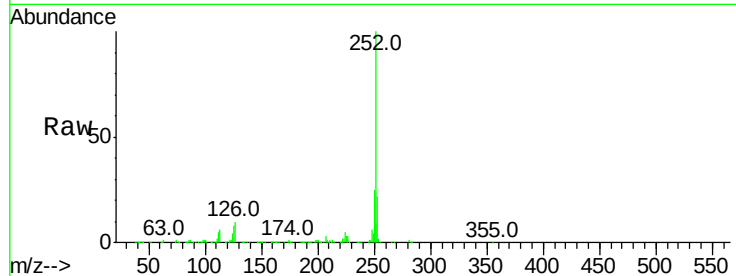
ClientSampleId :

PB87008BS

Tot Ion:	252	Resp:	667304
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.7	28.1
125	8.0	9.1	13.7#

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#90

Dibenzo(a,h)anthracene

Concen: 39.36 ng

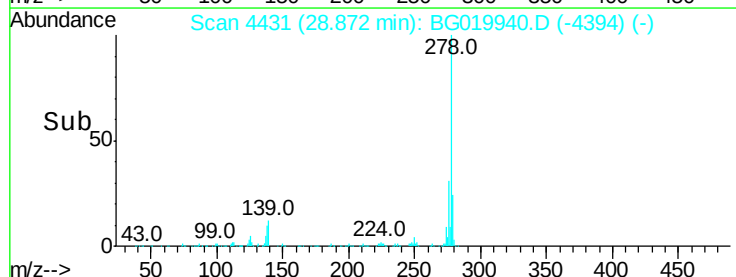
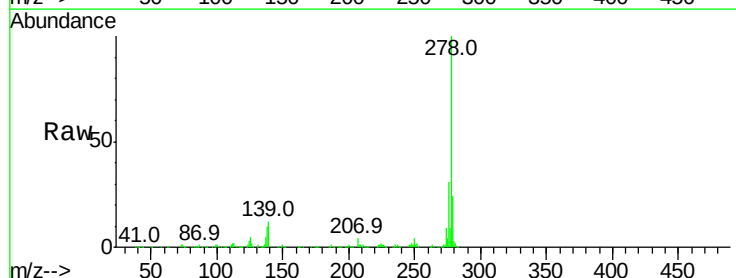
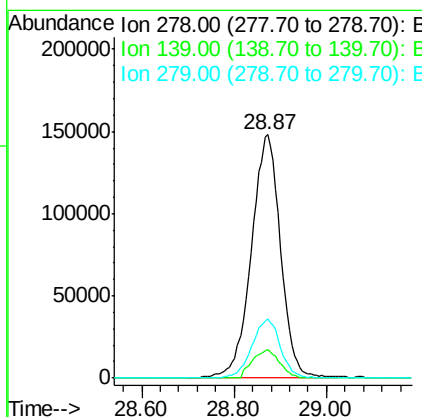
RT: 28.87 min Scan# 4431

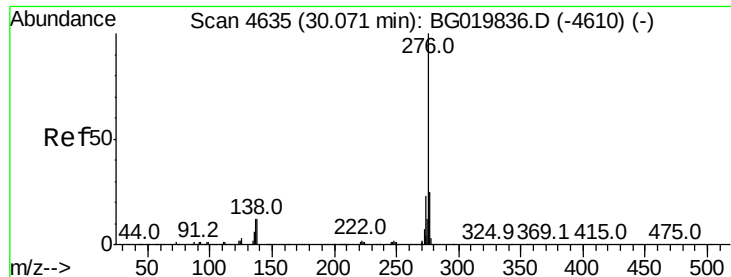
Delta R.T. -0.08 min

Lab File: BG019940.D

Acq: 5 Dec 2015 13:47

Tgt Ion:	278	Resp:	650154
Ion Ratio	Lower	Upper	
278	100		
139	11.8	13.8	20.6#
279	24.4	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 39.61 ng
 RT: 29.97 min Scan# 4618
 Delta R.T. -0.10 min
 Lab File: BG019940.D
 Acq: 5 Dec 2015 13:47

Instrument :
 BNA_G
 ClientSampleId :
 PB87008BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	15.6	17.4	26.0

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