

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019949.D
 Acq On : 5 Dec 2015 19:35
 Operator : UM/NP
 Sample : PB86943BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:43 PM

Quant Time: Dec 07 02:32:00 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	31590	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	134056	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	94326	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	240414	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	292015	20.00	ng	-0.04
86) Perylene-d12	25.04	264	273626	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	245291	140.34	ng	-0.01
7) Phenol-d6	7.26	99	356538	135.10	ng	-0.01
23) Nitrobenzene-d5	9.28	82	232856	88.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	178113	123.41	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	548197	79.35	ng	-0.02
78) Terphenyl-d14	20.09	244	958537	80.07	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	24148	35.46	ng	# 100
3) Pyridine	3.92	79	77181	37.32	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	40045	36.82	ng	# 85
6) Aniline	7.43	93	99137	29.01	ng	# 83
8) 2-Chlorophenol	7.67	128	91685	43.02	ng	# 94
9) Benzaldehyde	7.24	77	41189	23.41	ng	# 90
10) Phenol	7.29	94	122964	44.27	ng	# 81
11) bis(2-Chloroethyl)ether	7.53	93	83832	40.76	ng	# 85
12) 1,3-Dichlorobenzene	8.00	146	92090	38.12	ng	# 92
13) 1,4-Dichlorobenzene	8.15	146	94805	38.00	ng	# 94
14) 1,2-Dichlorobenzene	8.47	146	91651	38.51	ng	# 93
15) Benzyl Alcohol	8.35	79	98676	42.61	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	129440	38.58	ng	# 91
17) 2-Methylphenol	8.55	107	84978	43.34	ng	# 92
18) Hexachloroethane	9.21	117	35981	38.51	ng	# 91
19) n-Nitroso-di-n-propylamine	8.92	70	78863	37.89	ng	# 91
20) 3+4-Methylphenols	8.88	107	117830	42.68	ng	# 92
22) Acetophenone	8.94	105	140352	38.19	ng	# 93
24) Nitrobenzene	9.32	77	120749	42.38	ng	# 91
25) Isophorone	9.85	82	215453	38.26	ng	# 98
26) 2-Nitrophenol	10.04	139	50170	45.59	ng	# 73
27) 2,4-Dimethylphenol	10.09	122	96233	41.99	ng	# 90
28) bis(2-Chloroethoxy)methane	10.33	93	119367	43.38	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	104270	44.54	ng	# 96
30) 1,2,4-Trichlorobenzene	10.79	180	102300	38.66	ng	# 95
31) Naphthalene	10.98	128	289175	40.27	ng	# 99
32) Benzoic acid	10.21	122	67998	44.53	ng	# 87
33) 4-Chloroaniline	11.08	127	59610	18.84	ng	# 92
34) Hexachlorobutadiene	11.26	225	73189	37.50	ng	# 94
35) Caprolactam	11.86	113	35391m	40.61	ng	# 95
36) 4-Chloro-3-methylphenol	12.19	107	119455	40.97	ng	# 96
37) 2-Methylnaphthalene	12.58	142	218824	41.58	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	136489	38.13	ng	# 99
40) Hexachlorocyclopentadiene	12.93	237	153395	75.16	ng	# 98

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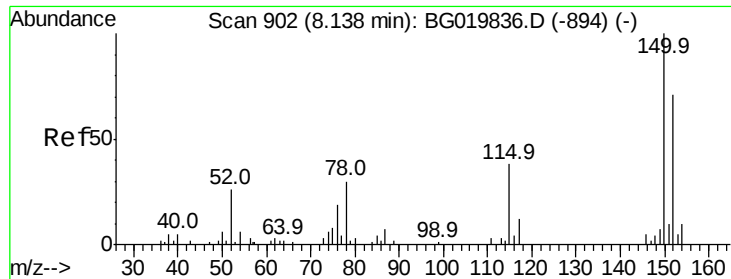
Manual Integrations
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 12/7/2015 6:31:43 PM

Quant Time: Dec 07 02:32:00 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	94397	39.83	nq	100
43) 2,4,5-Trichlorophenol	13.25	196	104856	41.86	nq	95
45) 1,1'-Biphenyl	13.58	154	289017	37.34	nq	98
46) 2-Chloronaphthalene	13.63	162	233196	39.08	nq	94
47) 2-Nitroaniline	13.82	65	85438	45.34	nq	86
48) Acenaphthylene	14.47	152	391561	38.53	nq	100
49) Dimethylphthalate	14.20	163	320419	37.76	nq	97
50) 2,6-Dinitrotoluene	14.31	165	69741	43.72	nq #	77
51) Acenaphthene	14.81	154	266659	43.24	nq	99
52) 3-Nitroaniline	14.64	138	51930	31.33	nq	95
53) 2,4-Dinitrophenol	14.84	184	68145	80.24	nq	89
54) Dibenzofuran	15.14	168	387768	42.27	nq	93
55) 4-Nitrophenol	14.94	139	118894	82.37	nq #	62
56) 2,4-Dinitrotoluene	15.09	165	101007	45.38	nq #	89
57) Fluorene	15.79	166	311529	37.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	101839	43.93	nq	98
59) Diethylphthalate	15.55	149	330991	36.04	nq	99
60) 4-Chlorophenyl-phenylether	15.78	204	170699	36.20	nq	96
61) 4-Nitroaniline	15.81	138	77023	41.32	nq #	76
62) Azobenzene	16.07	77	319287	41.79	nq	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	57567	43.31	nq	93
65) n-Nitrosodiphenylamine	15.99	169	282994	40.68	nq	96
66) 4-Bromophenyl-phenylether	16.67	248	115307	38.60	nq	94
67) Hexachlorobenzene	16.79	284	125071	40.19	nq	96
68) Atrazine	16.93	200	120038	39.71	nq	99
69) Pentachlorophenol	17.13	266	157327	86.62	nq	95
70) Phenanthrene	17.53	178	541542	39.81	nq	98
71) Anthracene	17.62	178	544588	39.31	nq	97
72) Carbazole	17.89	167	490216	40.16	nq	98
73) Di-n-butylphthalate	18.44	149	586953	39.23	nq	98
74) Fluoranthene	19.53	202	684490	39.34	nq	94
76) Benzidine	19.71	184	200768	20.93	nq	98
77) Pyrene	19.89	202	700679	40.79	nq	97
79) Butylbenzylphthalate	20.77	149	273024	40.55	nq	95
80) Benzo(a)anthracene	21.74	228	706402	39.52	nq	100
81) 3,3'-Dichlorobenzidine	21.65	252	162680	23.90	nq	98
82) Chrysene	21.81	228	641967	37.83	nq	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	391887	39.66	nq	98
84) Di-n-octyl phthalate	22.88	149	678872	42.25	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	788185	42.16	nq #	100
87) Benzo(b)fluoranthene	24.00	252	700419	40.39	nq #	94
88) Benzo(k)fluoranthene	24.07	252	670126	39.02	nq #	96
89) Benzo(a)pyrene	24.89	252	659257	40.04	nq #	95
90) Dibenzo(a,h)anthracene	28.86	278	650930	40.02	nq #	95
91) Benzo(g,h,i)perylene	29.96	276	645175	40.39	nq #	92

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



#1

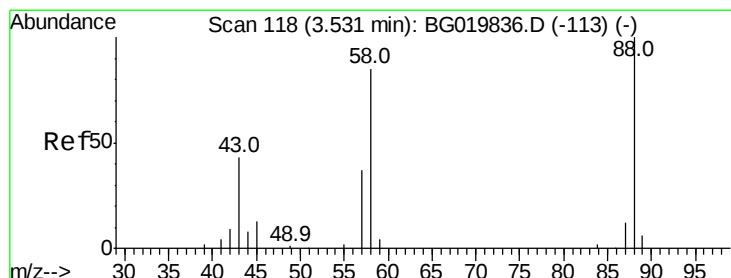
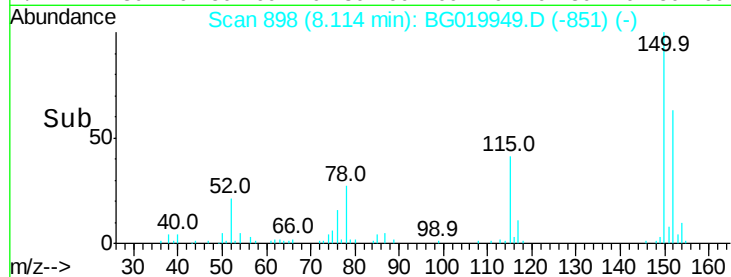
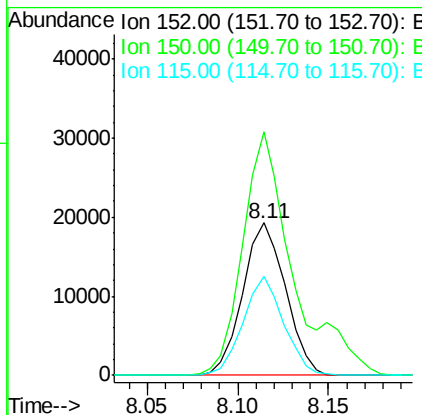
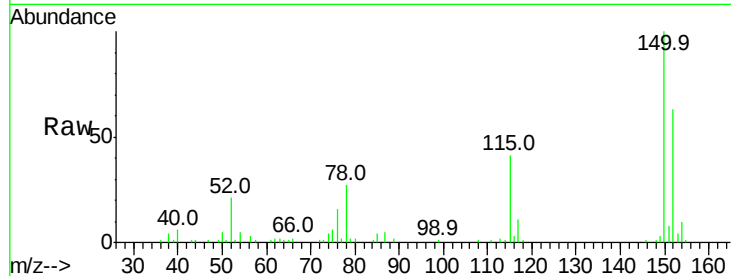
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	115.0	172.4
115	64.8	43.9	65.9

Manual Integrations
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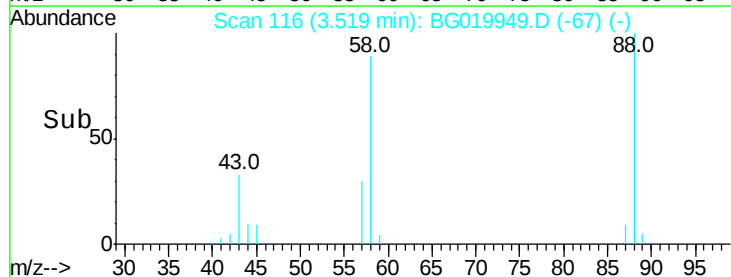
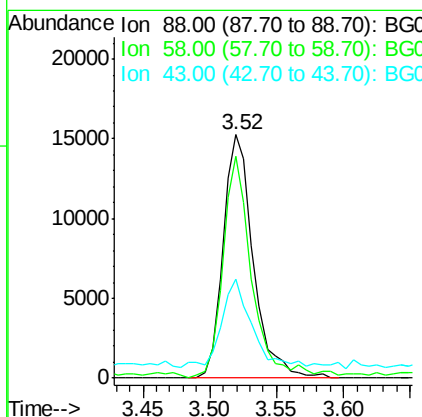
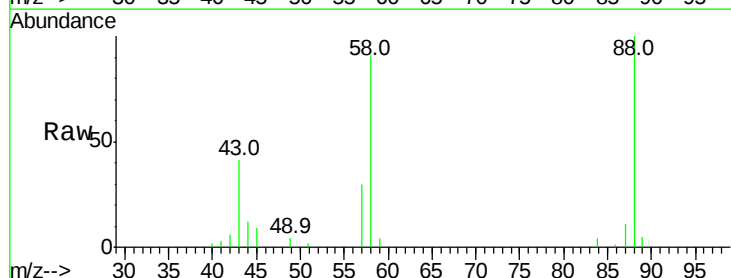
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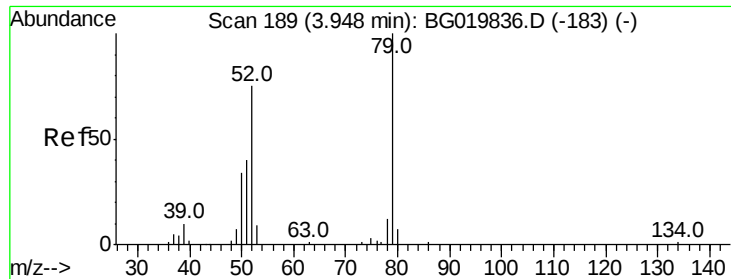


#2

1,4-Dioxane
Concen: 35.46 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	0.0	0.0#
43	36.8	0.0	0.0#





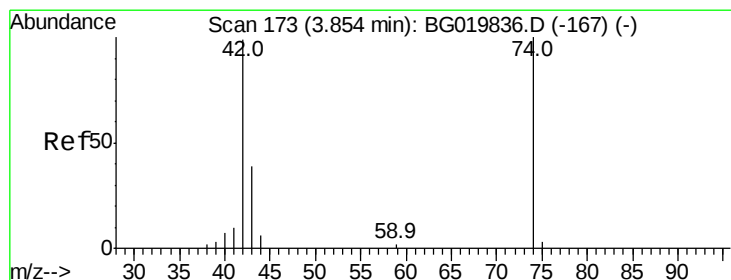
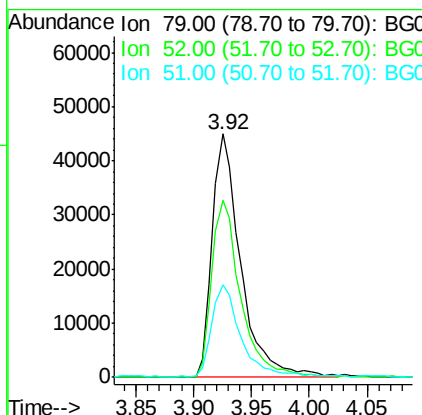
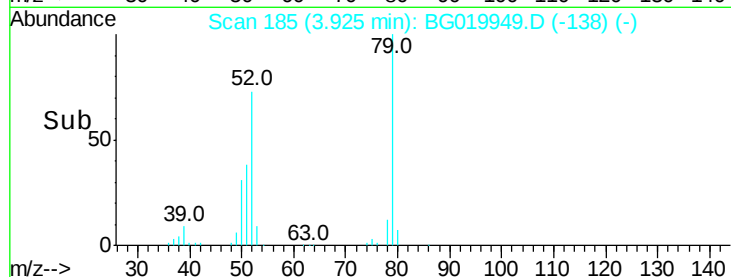
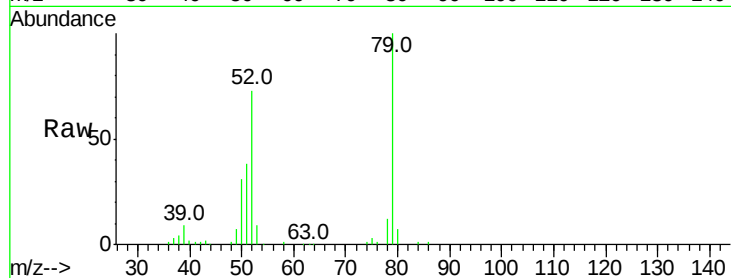
#3
 Pvridine
 Concen: 37.32 ng
 RT: 3.92 min Scan# 185
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.9	50.3	75.5
51	38.0	24.8	37.2#

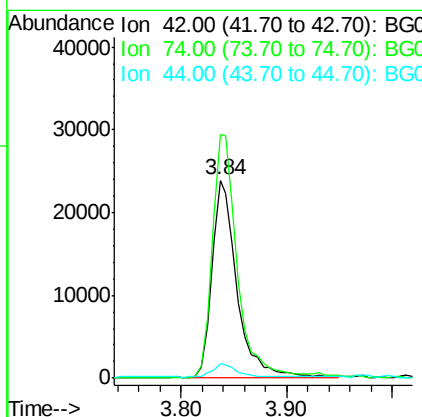
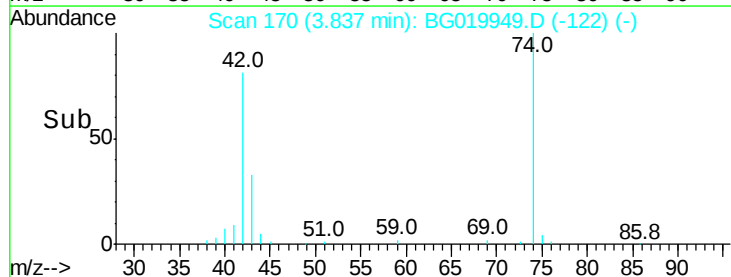
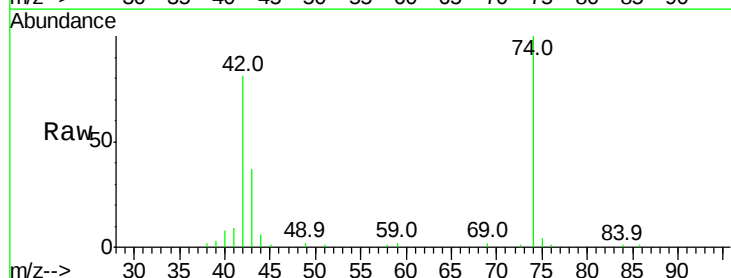
Manual Integrations
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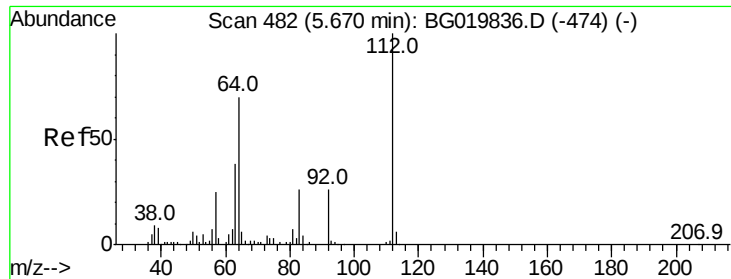
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#4
 n-Nitrosodimethylamine
 Concen: 36.82 ng
 RT: 3.84 min Scan# 170
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.1	113.9	170.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 140.34 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

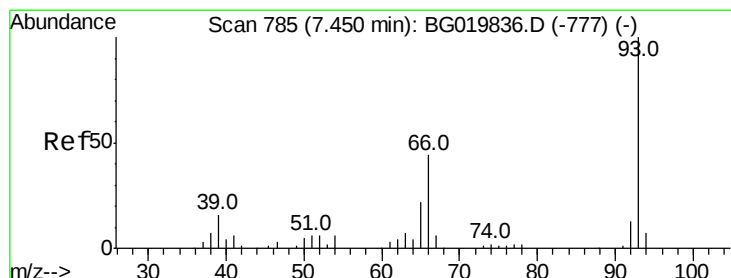
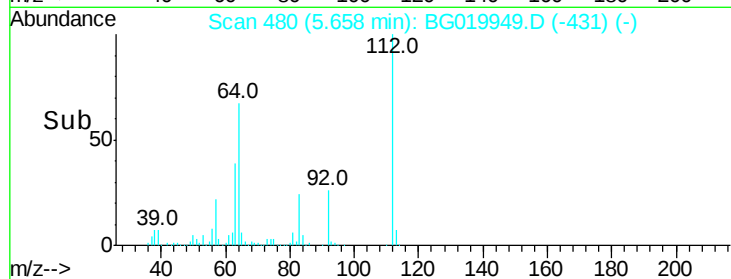
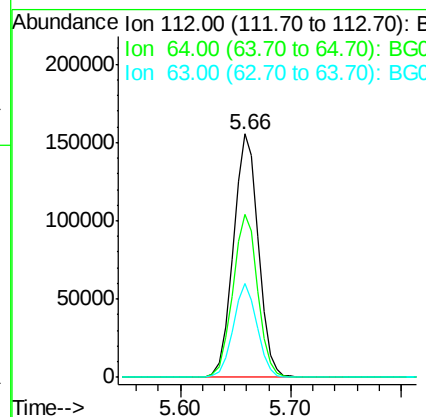
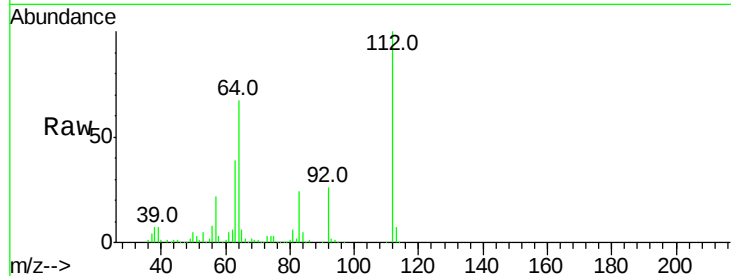
ClientSampleId :

PB86943BS

Tot Ion:	112	Resp:	245291
Ion Ratio	Lower	Upper	
112	100		
64	66.7	43.7	65.5#
63	38.7	24.0	36.0#

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#6

Aniline

Concen: 29.01 ng

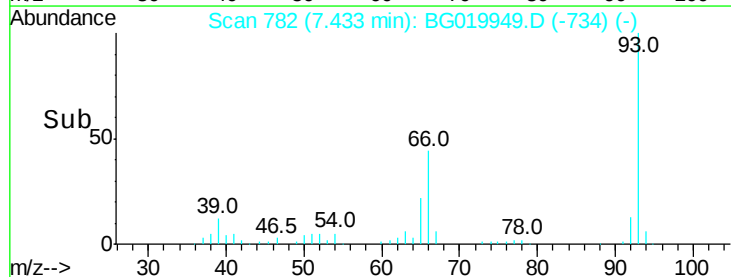
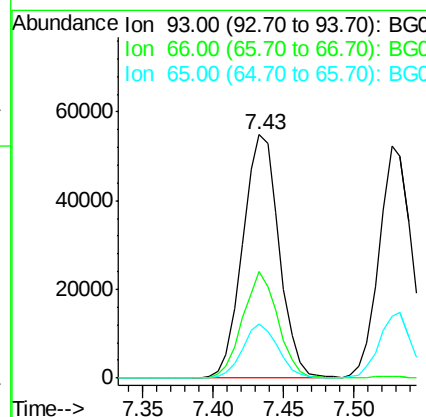
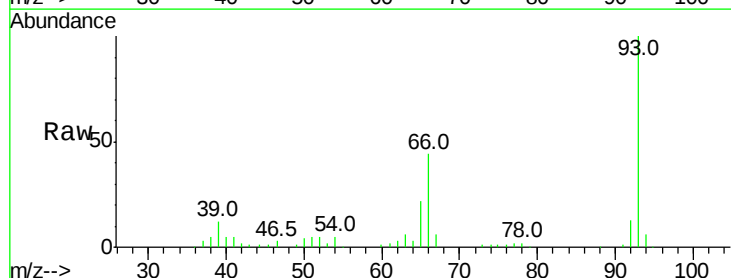
RT: 7.43 min Scan# 782

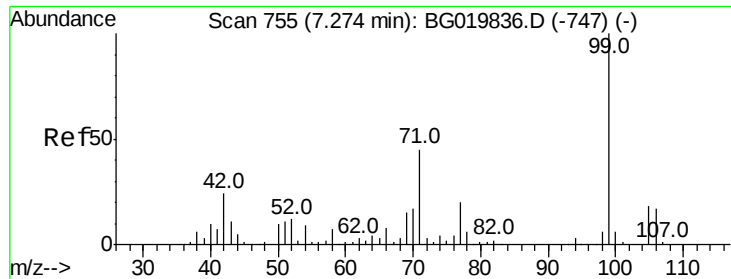
Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:	93	Resp:	99137
Ion Ratio	Lower	Upper	
93	100		
66	43.8	26.2	39.2#
65	22.3	14.0	21.0#





#7

Phenol-d6

Concen: 135.10 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

ClientSampleId :

PB86943BS

Tot Ion: 99 Resp: 356538
Ion Ratio Lower Upper

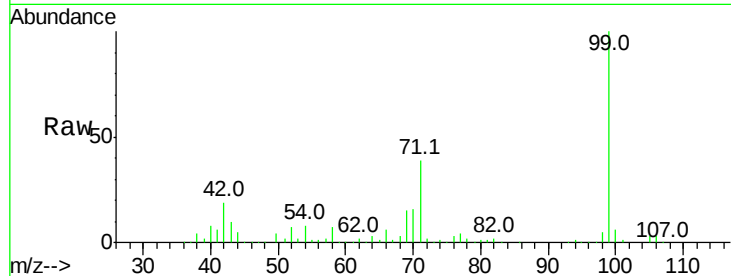
99 100

42 19.1 11.5 17.3#

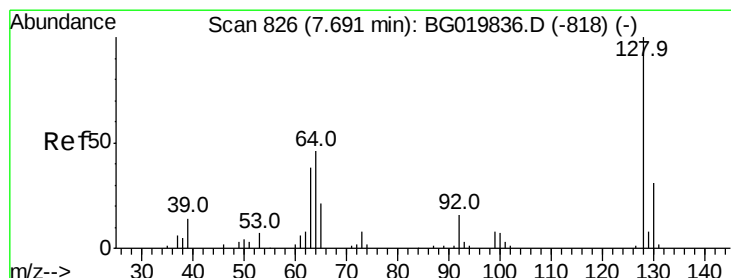
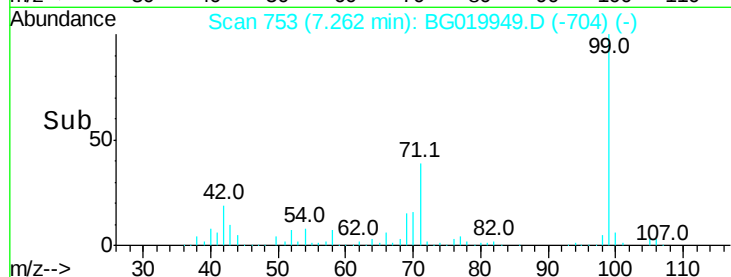
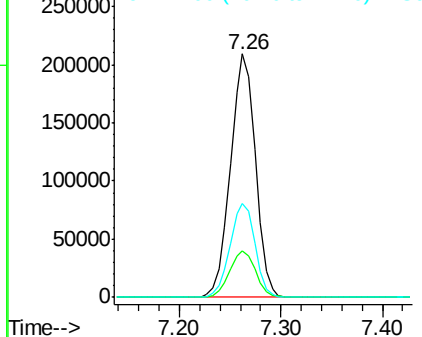
71 38.7 22.6 34.0#

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



#8

2-Chlorophenol

Concen: 43.02 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019949.D

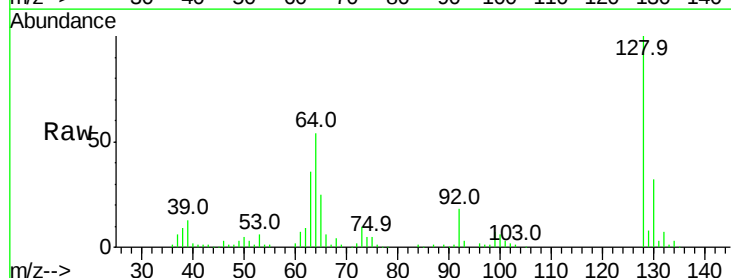
Acq: 5 Dec 2015 19:35

Tgt Ion: 128 Resp: 91685
Ion Ratio Lower Upper

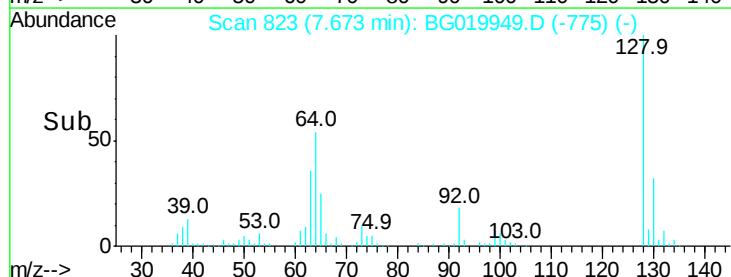
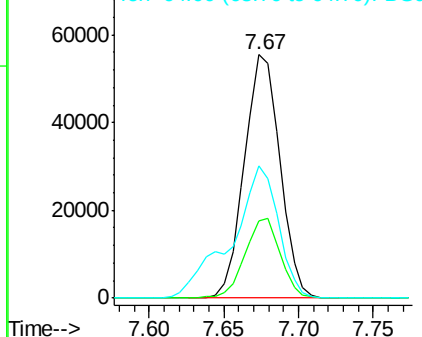
128 100

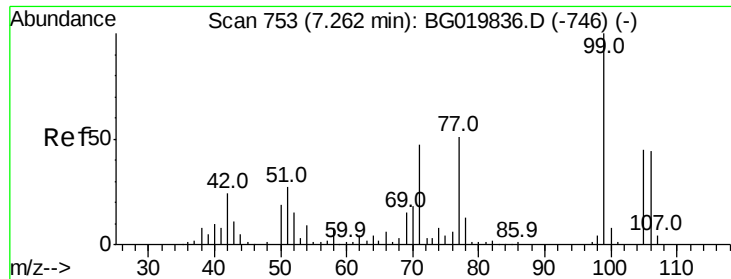
130 31.7 13.0 53.0

64 54.2 28.2 68.2



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





#9

Benzaldehyde

Concen: 23.41 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

ClientSampleId :

PB86943BS

Tot Ion: 77 Resp: 41189

Ion Ratio Lower Upper

77 100

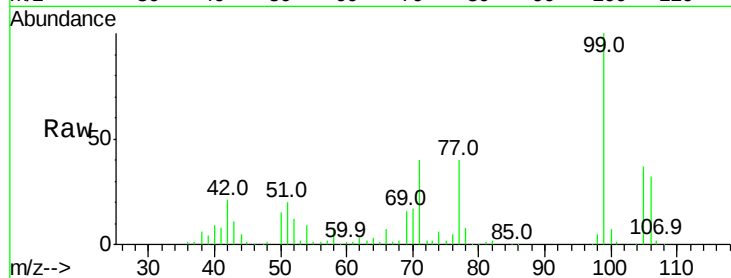
105 92.8 77.7 117.7

106 80.3 75.8 115.8

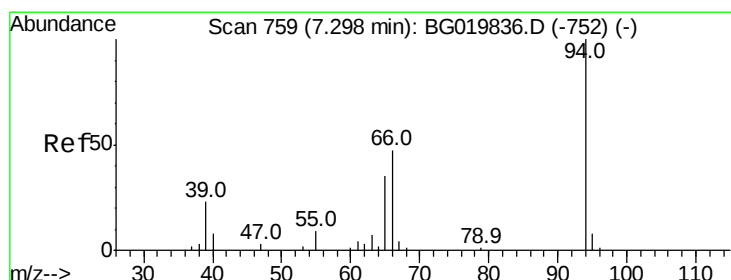
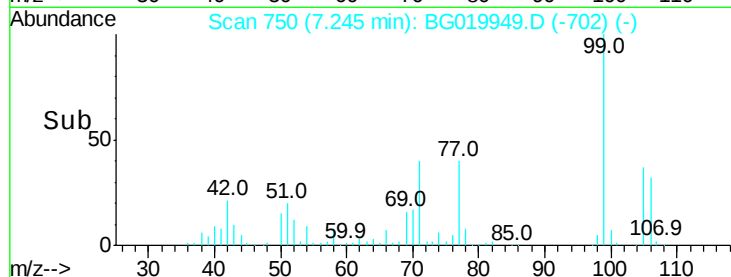
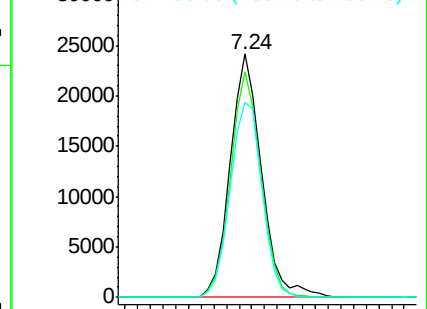
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.27 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

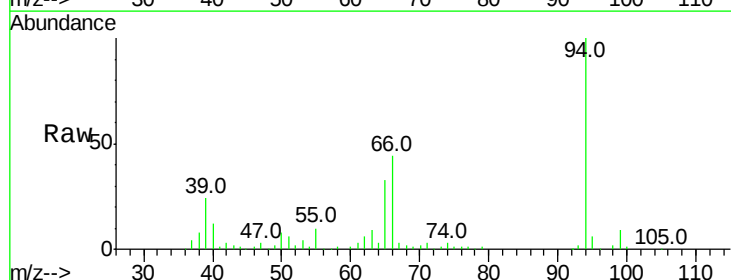
Tgt Ion: 94 Resp: 122964

Ion Ratio Lower Upper

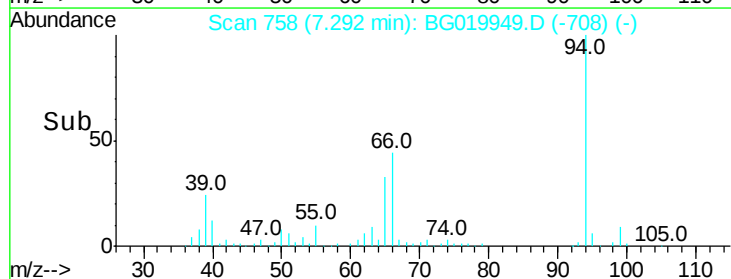
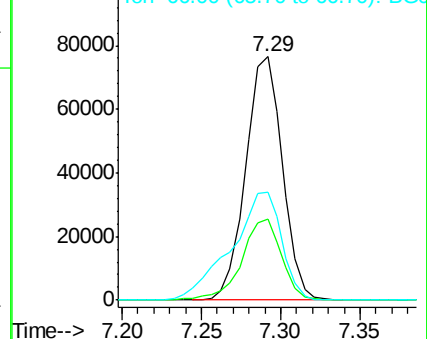
94 100

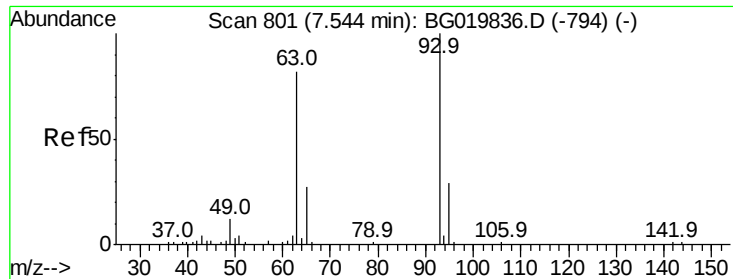
65 33.5 5.4 45.4

66 44.1 11.8 51.8



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





#11

bis(2-Chloroethyl)ether

Concen: 40.76 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

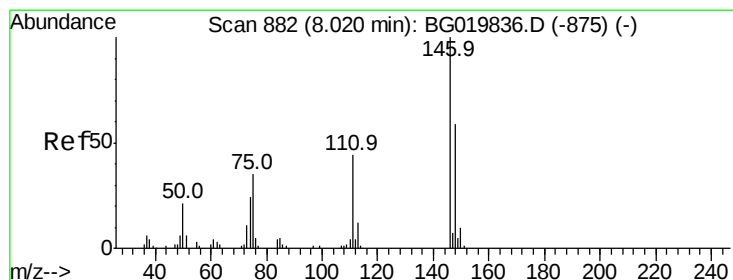
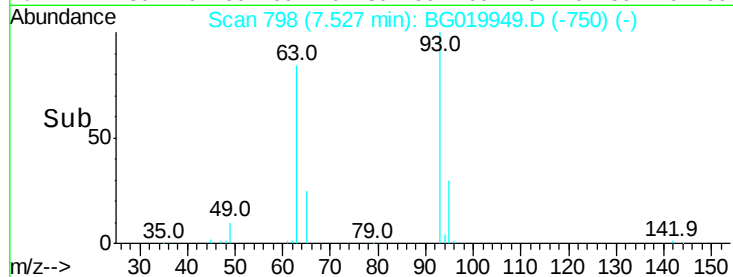
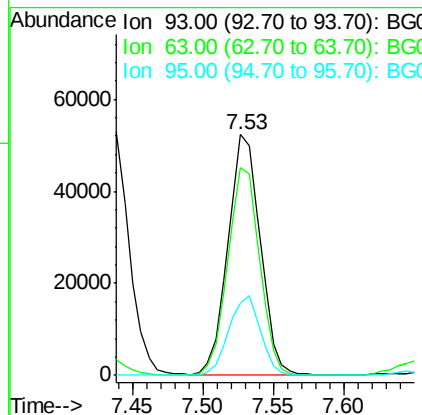
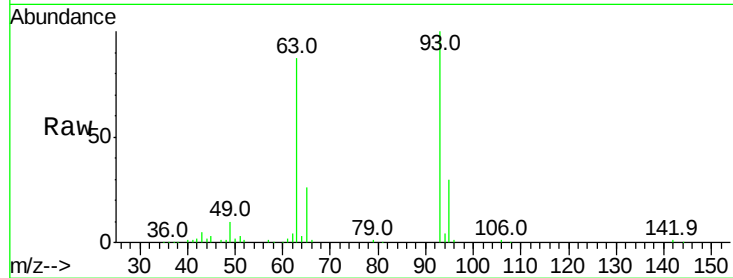
ClientSampleId :

PB86943BS

Tot Ion:	93	Resp:	83832
Ion Ratio	Lower	Upper	
93	100		
63	86.5	50.5	90.5
95	29.8	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 38.12 ng

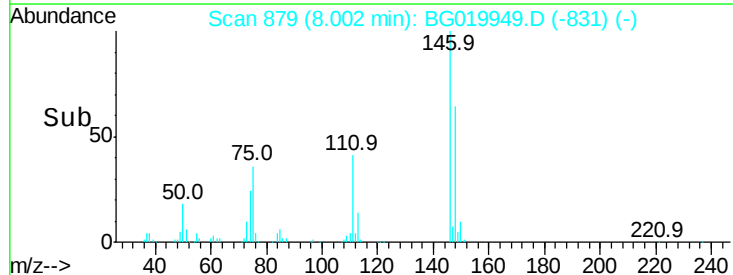
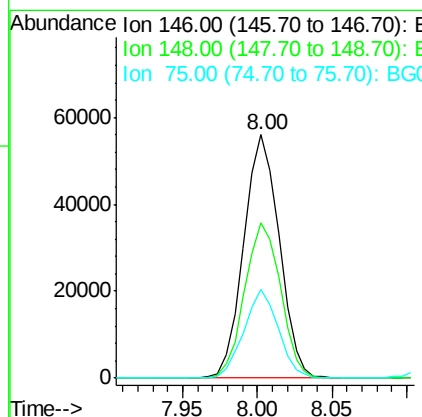
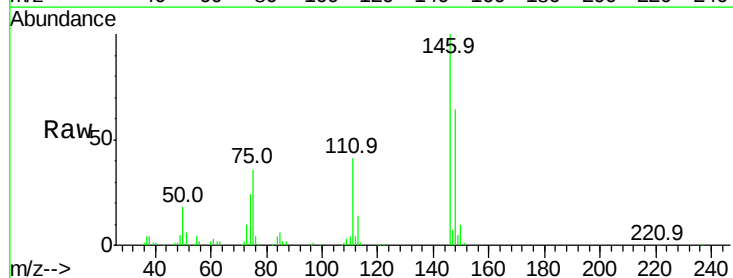
RT: 8.00 min Scan# 879

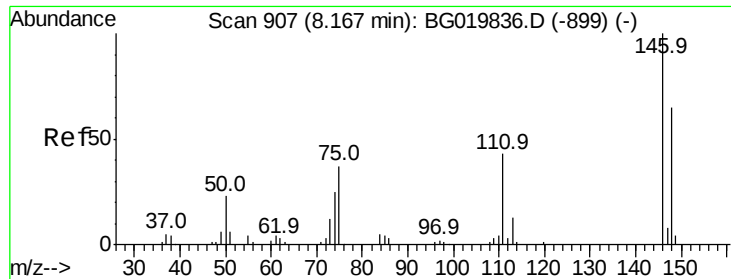
Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:	146	Resp:	92090
Ion Ratio	Lower	Upper	
146	100		
148	63.9	53.4	80.0
75	36.3	21.1	31.7#





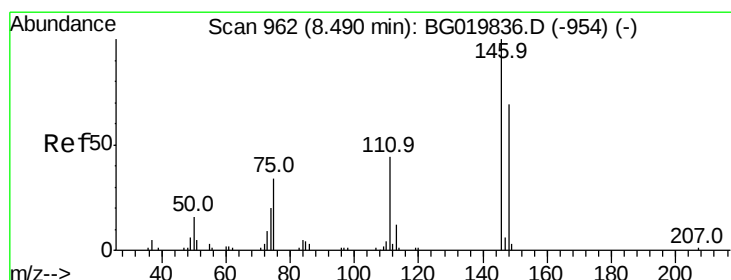
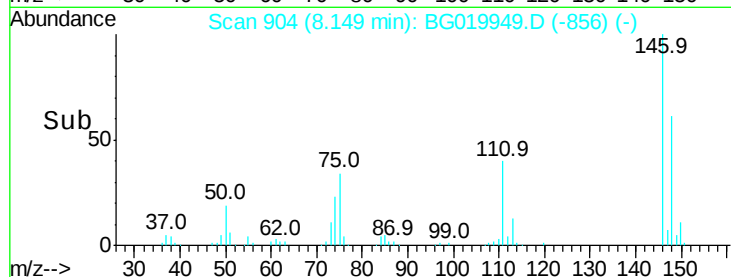
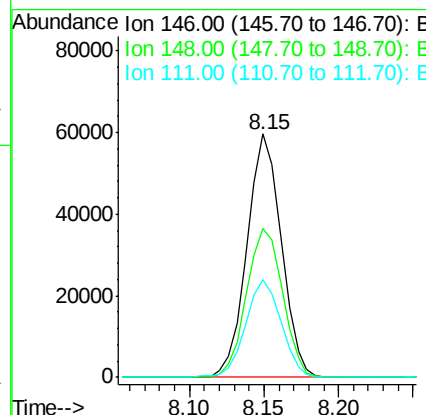
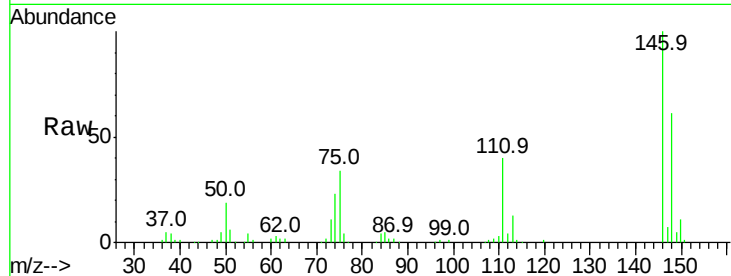
#13
 1,4-Dichlorobenzene
 Concen: 38.00 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.5	78.7
111	40.2	28.3	42.5

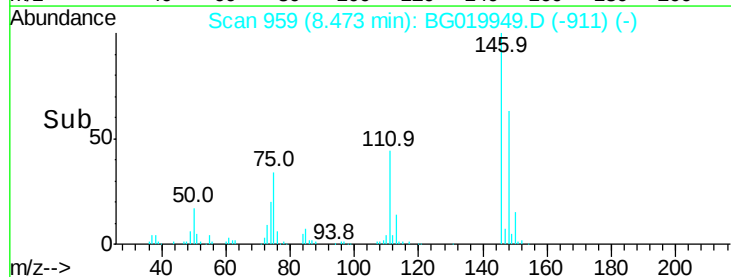
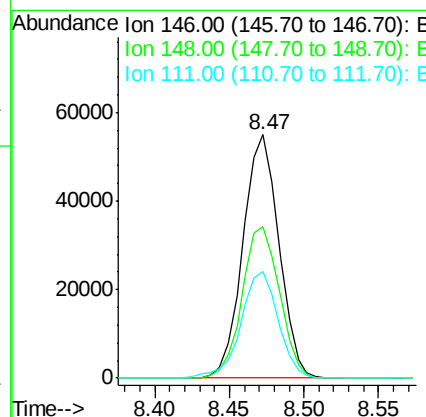
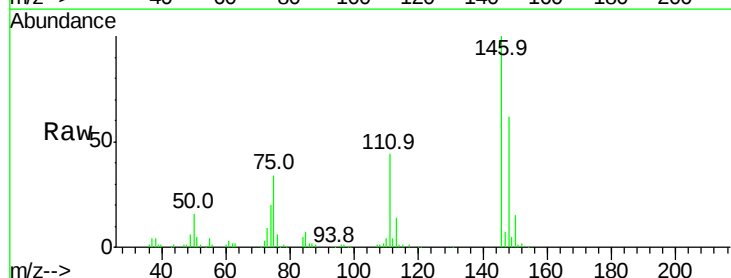
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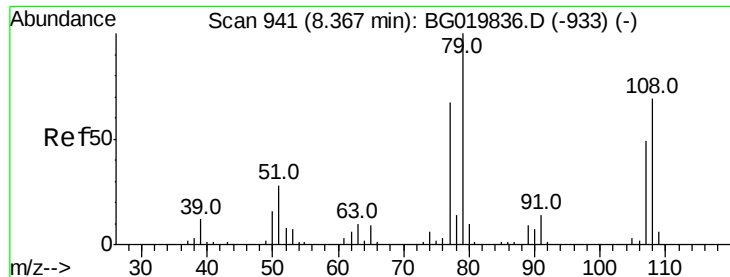
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#14
 1,2-Dichlorobenzene
 Concen: 38.51 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.5	78.7
111	44.0	29.9	44.9





#15

Benzyl Alcohol

Concen: 42.61 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

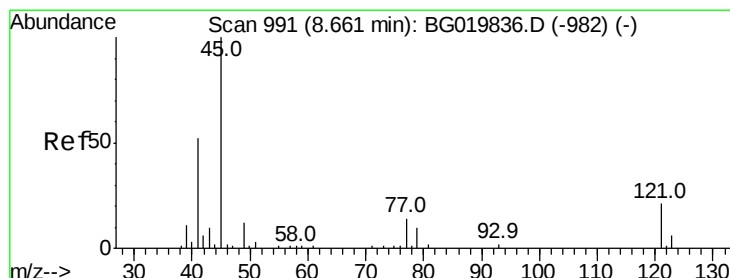
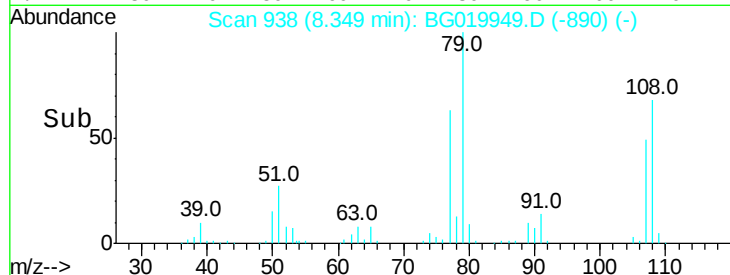
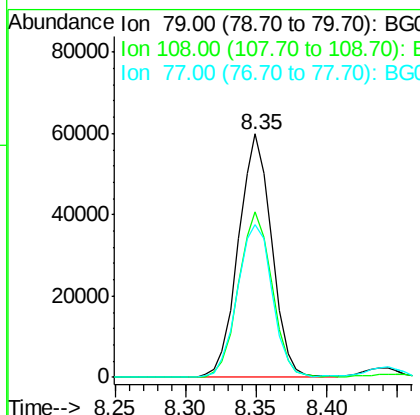
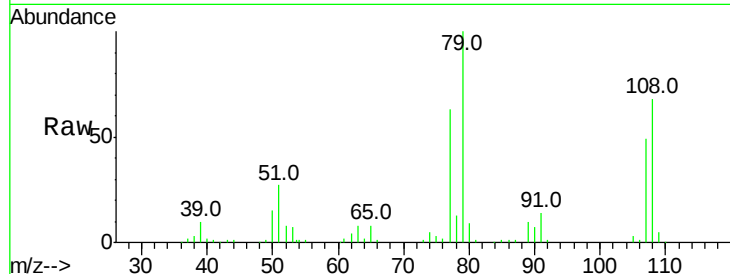
ClientSampleId :

PB86943BS

Tot Ion:	79	Resp:	98676
Ion Ratio	Lower	Upper	
79	100		
108	68.1	65.5	98.3
77	62.7	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.58 ng

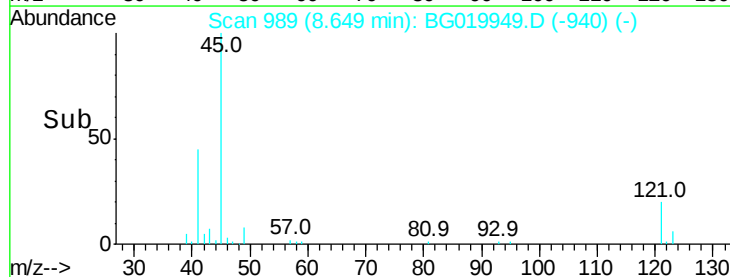
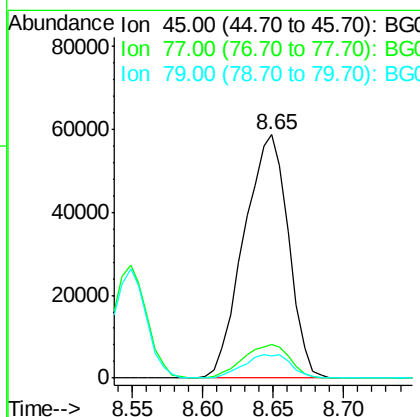
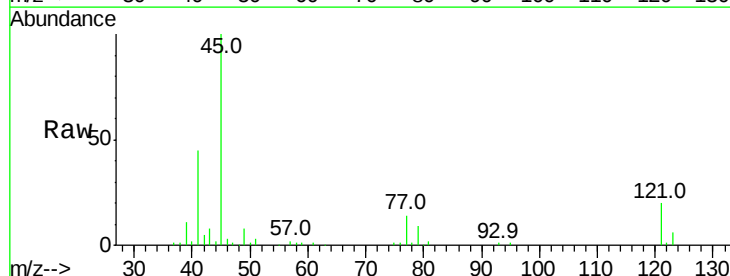
RT: 8.65 min Scan# 989

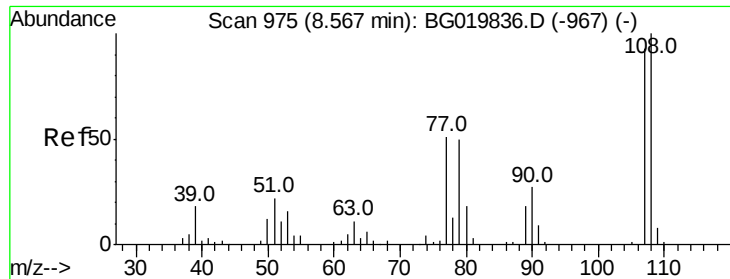
Delta R.T. -0.01 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:	45	Resp:	129440
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	37.0
79	9.1	0.0	33.8





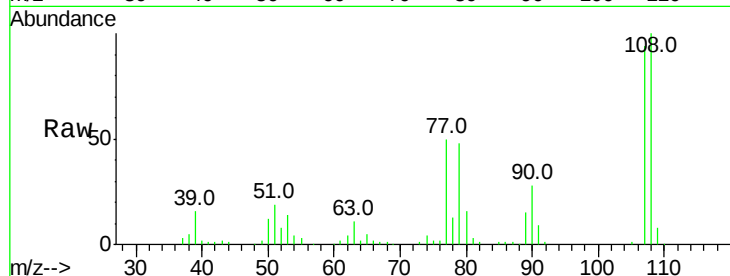
#17
2-Methylphenol
Concen: 43.34 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.5	86.5	129.7
77	53.0	34.6	51.8#
79	51.3	32.3	48.5#

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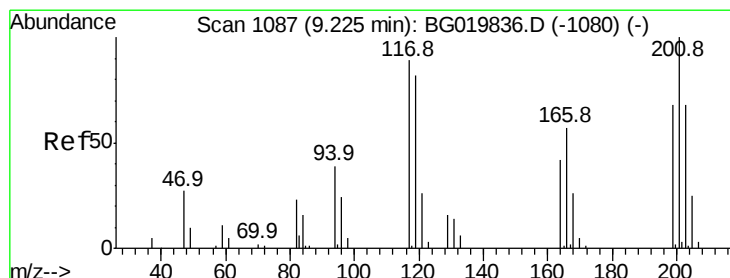
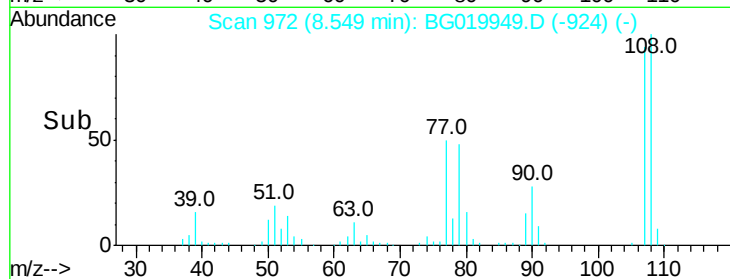
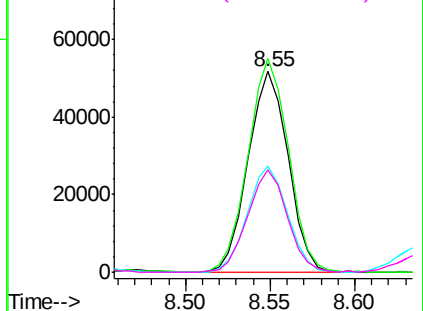
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.51 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

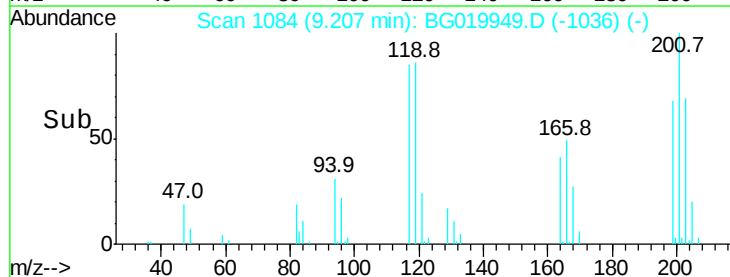
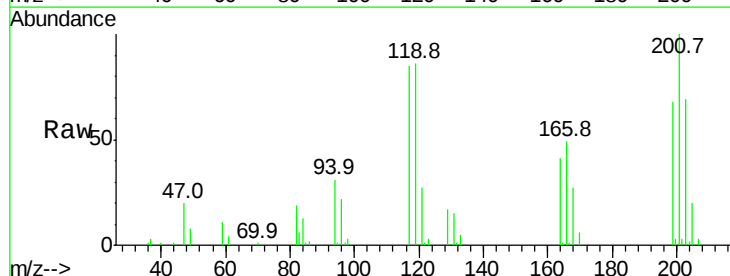
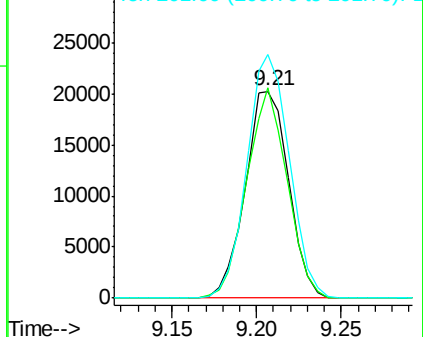
Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.5	71.7	107.5
201	120.8	90.9	136.3

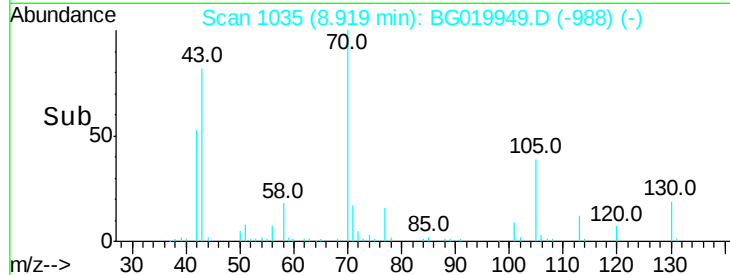
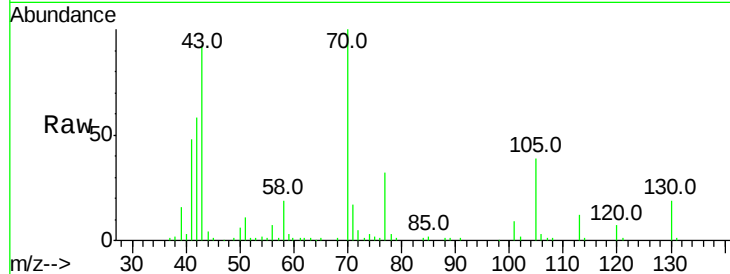
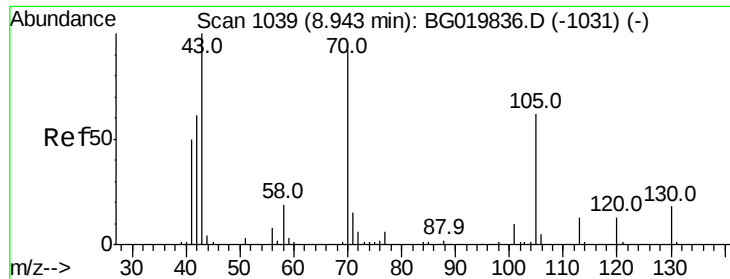
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





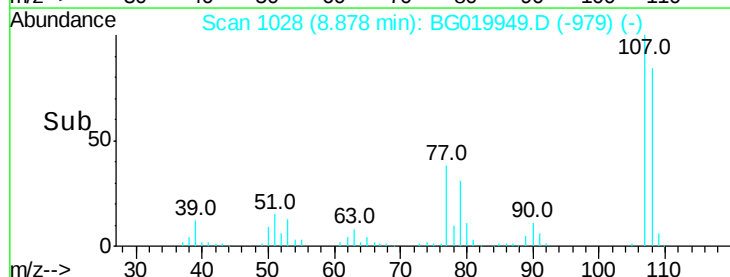
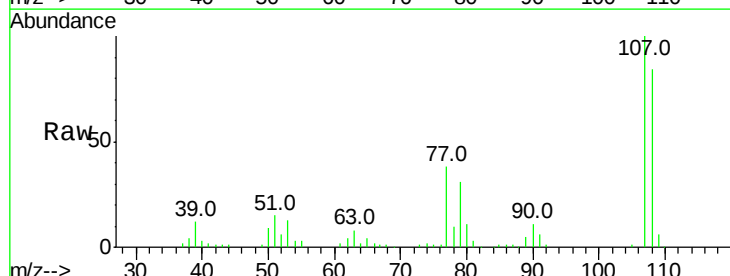
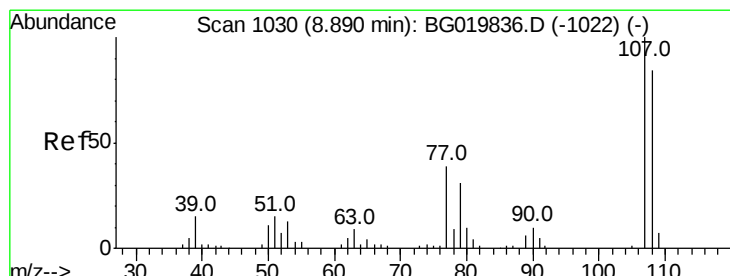
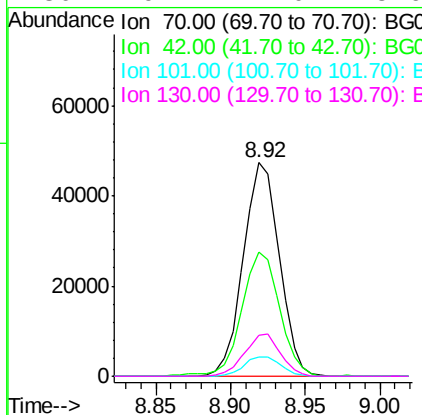
#19
n-Nitroso-di-n-propylamine
Concen: 37.89 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

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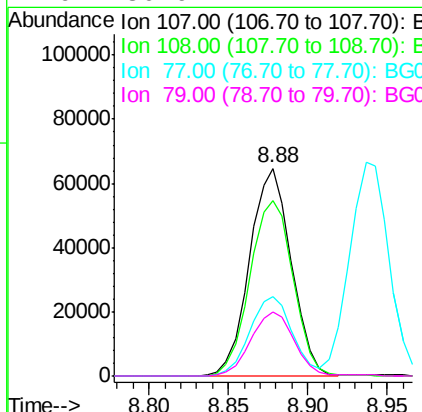
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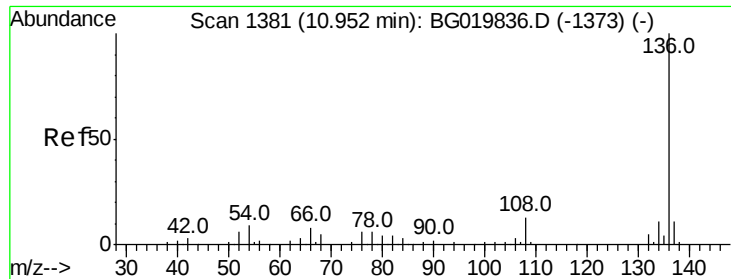
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.4	40.6	60.8	
101	9.1	8.6	13.0	
130	19.2	17.0	25.6	



#20
3+4-Methylphenols
Concen: 42.68 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.3	72.2	112.2	
77	37.9	13.4	53.4	
79	30.9	7.2	47.2	





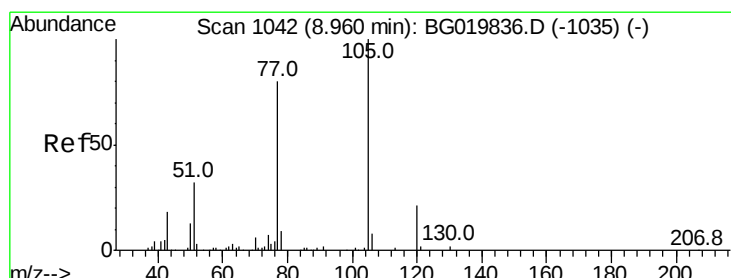
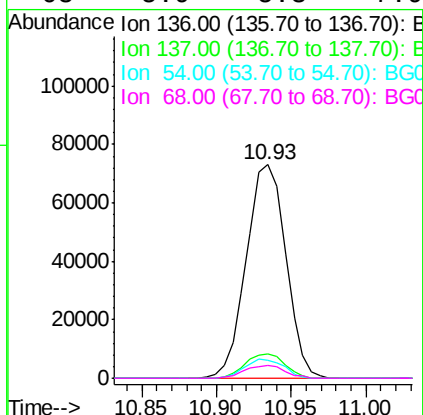
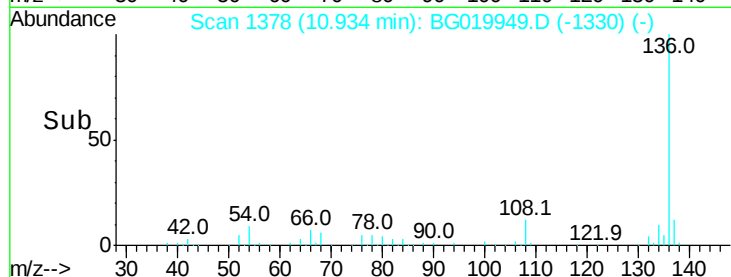
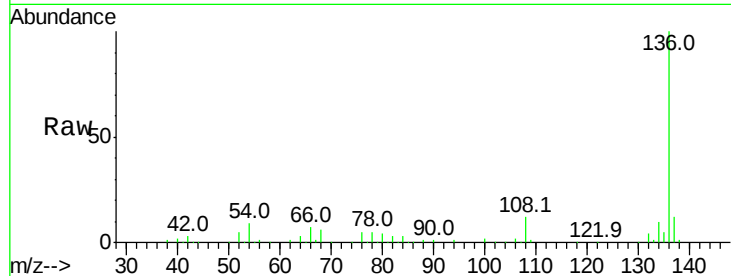
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	8.6	12.8
54	8.6	5.4	8.2
68	5.9	5.3	7.9

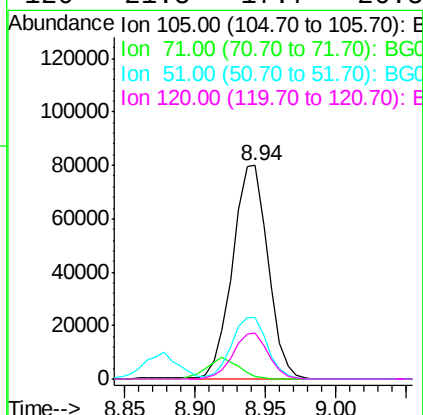
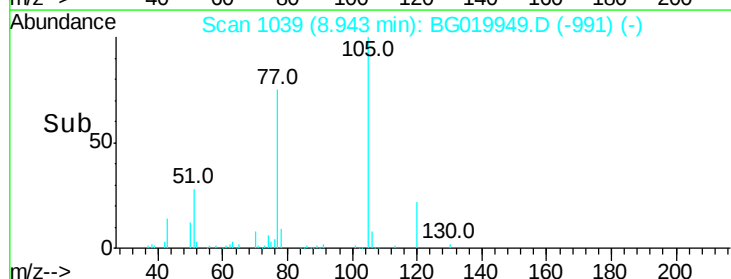
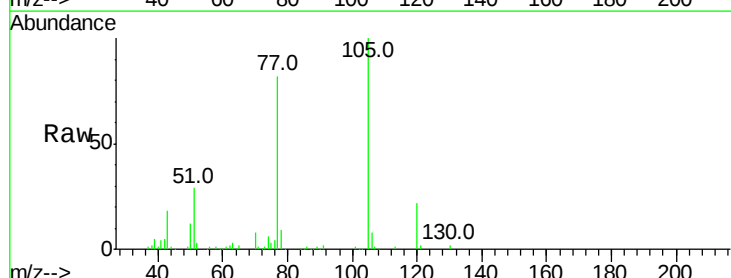
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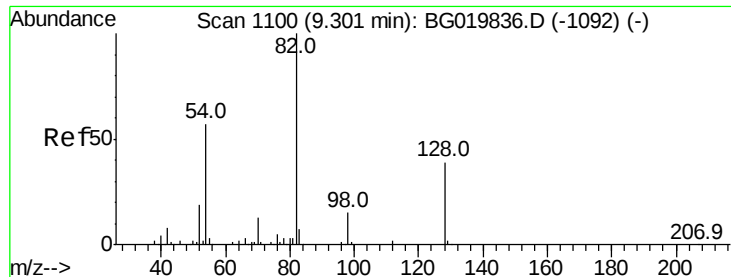
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#22
Acetophenone
Concen: 38.19 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.2	2.1	3.1
51	29.0	17.8	26.8
120	21.5	17.7	26.5





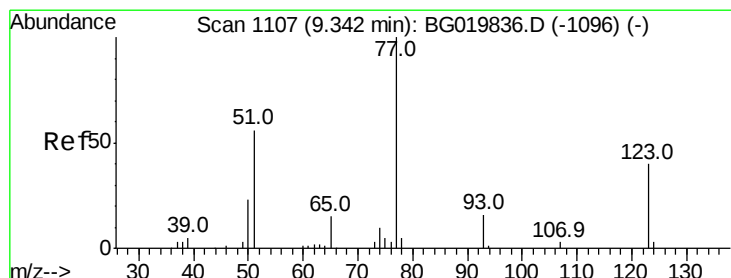
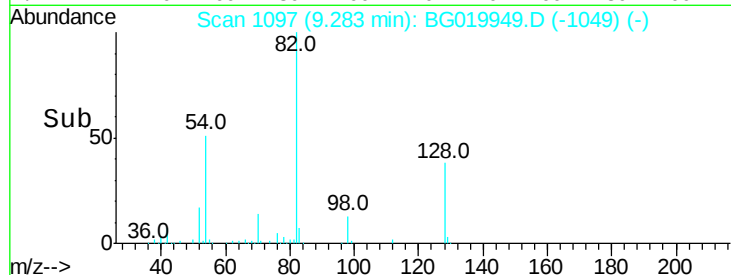
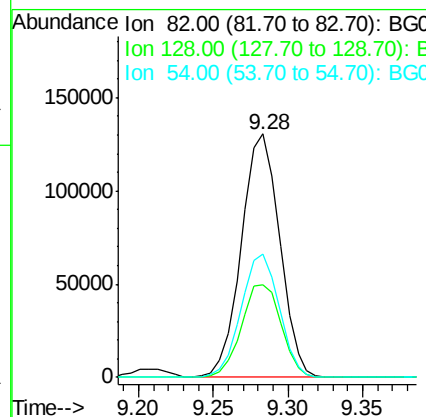
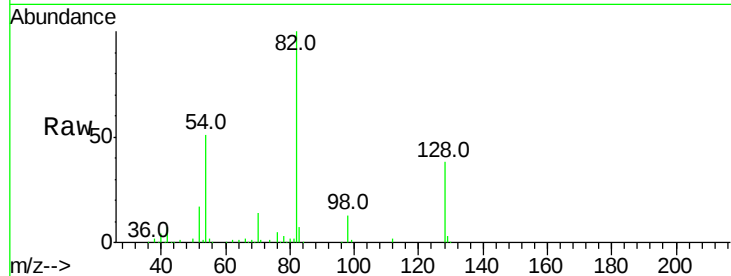
#23
Nitrobenzene-d5
Concen: 88.65 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	232856		
128	38.0		36.7	55.1
54	50.9		33.8	50.8#

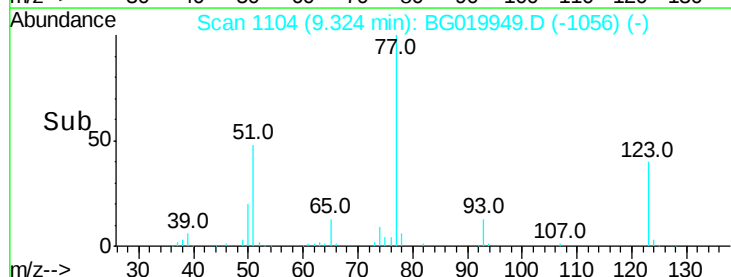
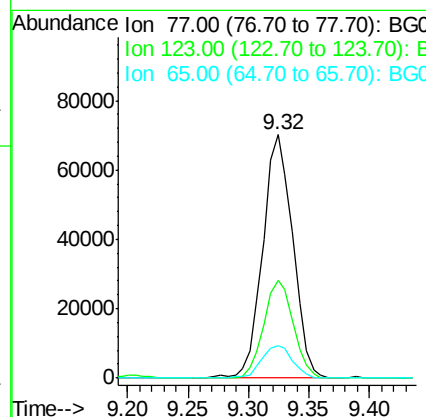
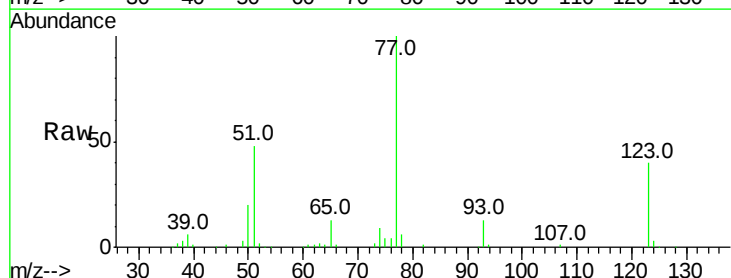
Manual Integrations
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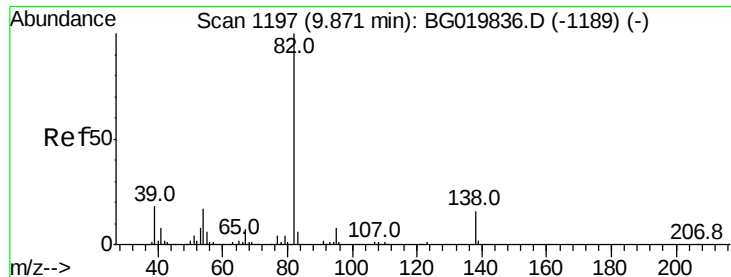
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#24
Nitrobenzene
Concen: 42.38 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	120749		
123	40.0		38.2	57.2
65	13.3		10.6	16.0





#25

Isophorone

Concen: 38.26 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

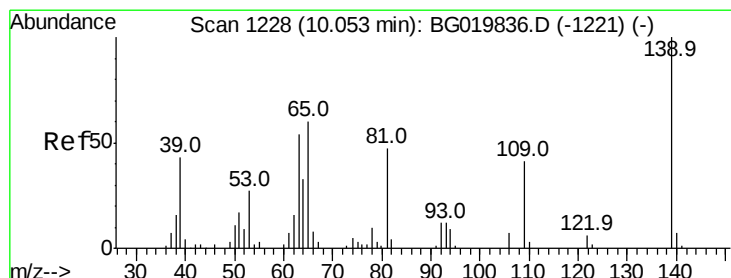
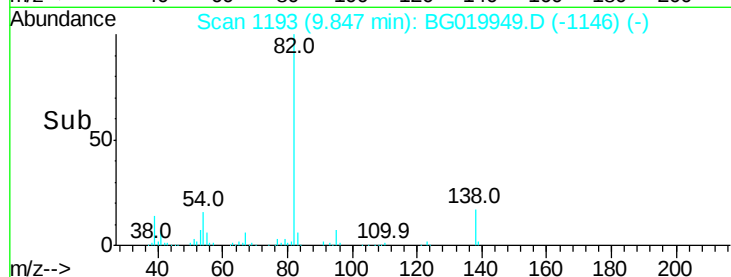
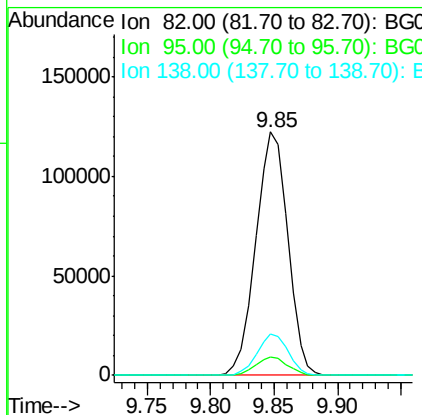
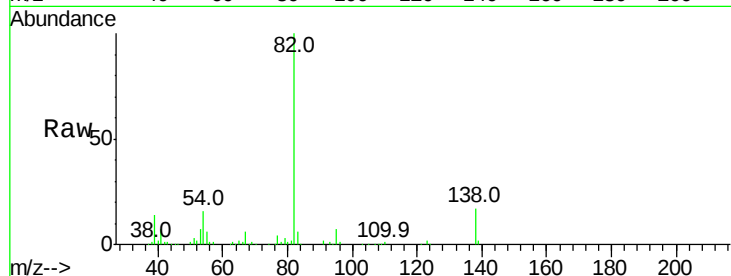
ClientSampleId :

PB86943BS

Tot Ion:	82	Resp:	215453
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	17.2	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.59 ng

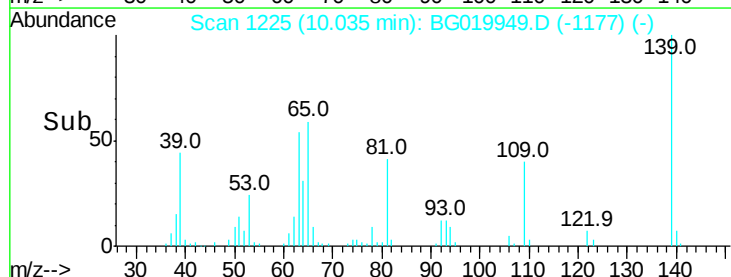
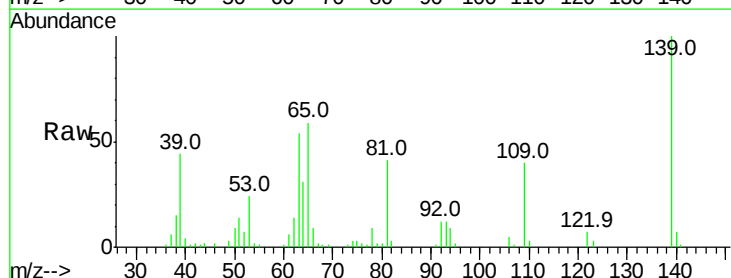
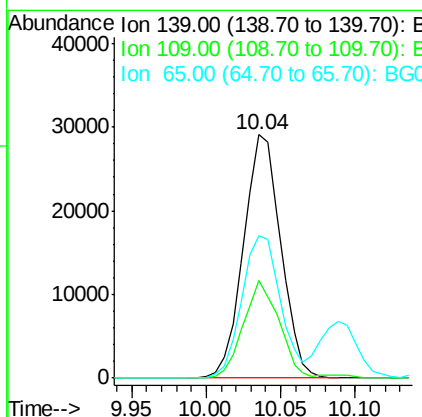
RT: 10.04 min Scan# 1225

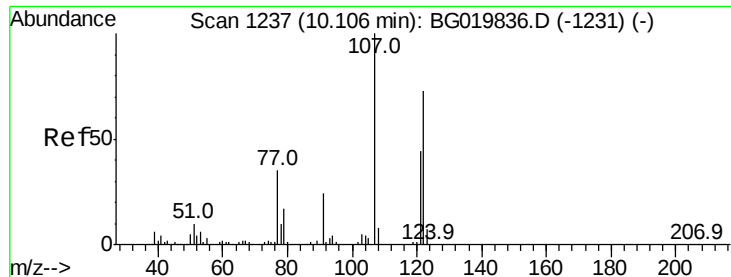
Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:	139	Resp:	50170
Ion Ratio	Lower	Upper	
139	100		
109	40.2	20.1	30.1#
65	58.5	34.1	51.1#





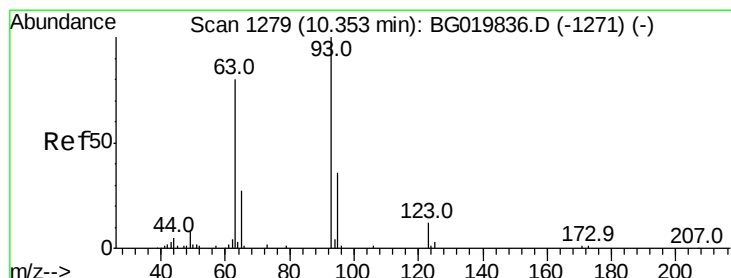
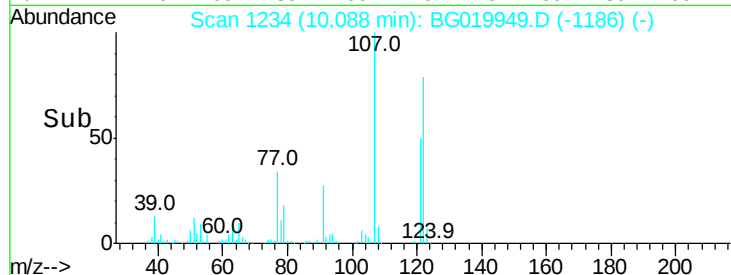
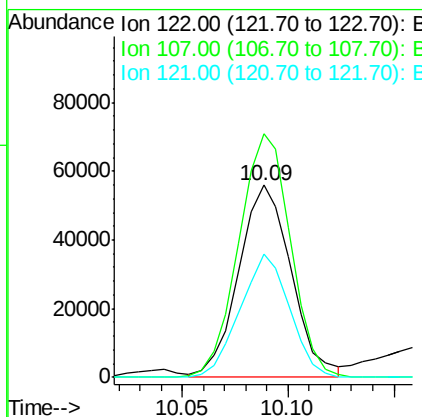
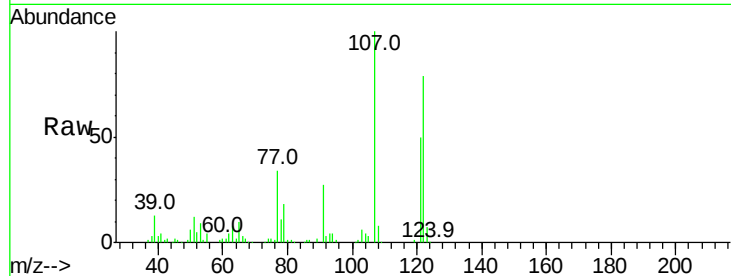
#27
 2,4-Dimethylphenol
 Concen: 41.99 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	96233		
107	126.9	91.6	137.4	
121	64.0	47.3	70.9	

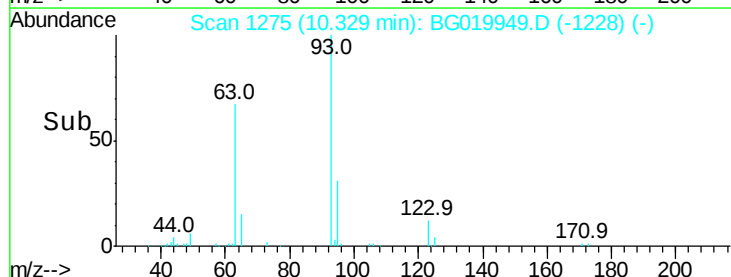
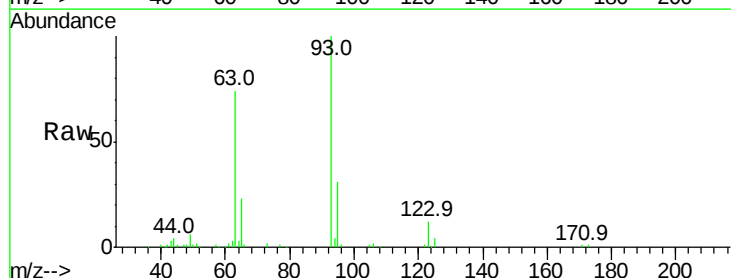
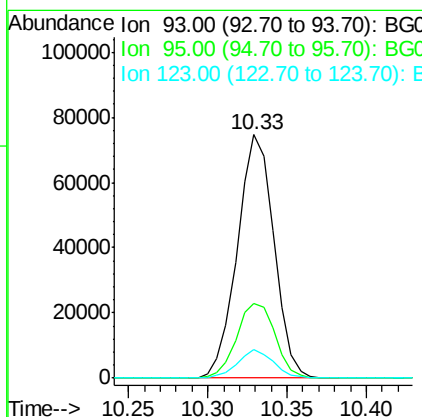
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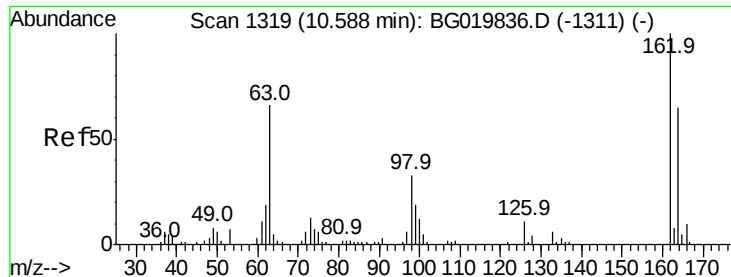
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.38 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	119367		
95	30.9	25.7	38.5	
123	12.0	8.6	12.8	





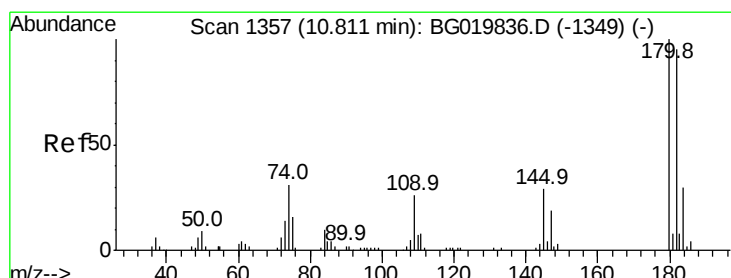
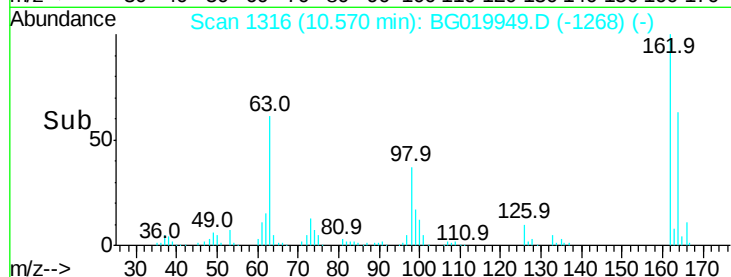
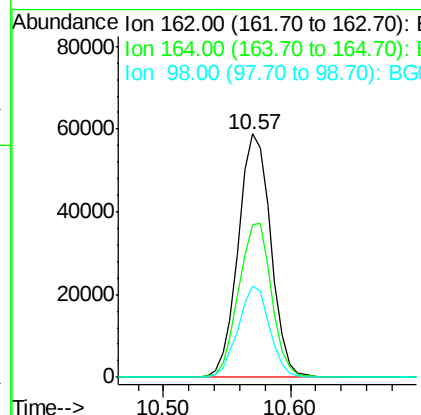
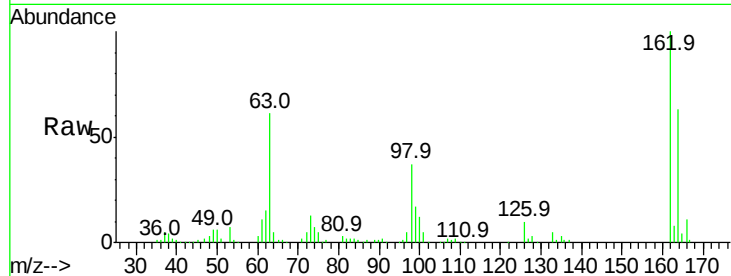
#29
 2,4-Dichlorophenol
 Concen: 44.54 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion:	162	Resp:	104270
Ion Ratio	Lower	Upper	
162	100		
164	62.7	42.3	82.3
98	37.2	11.5	51.5

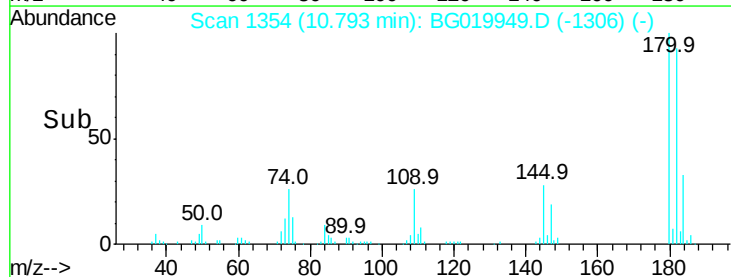
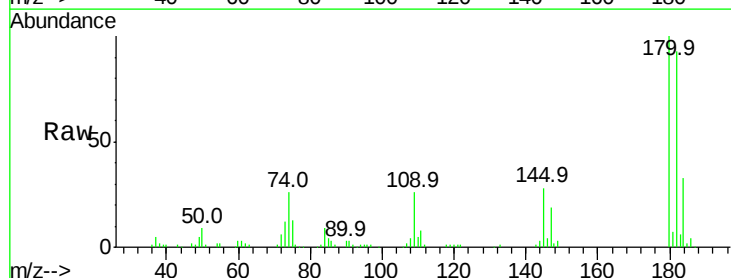
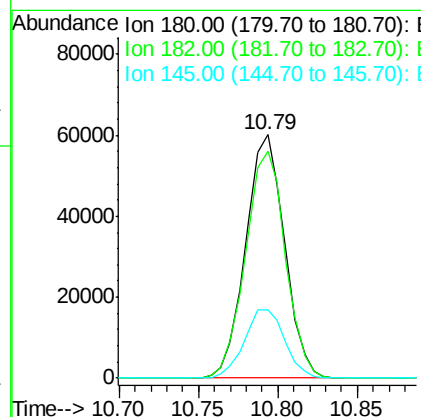
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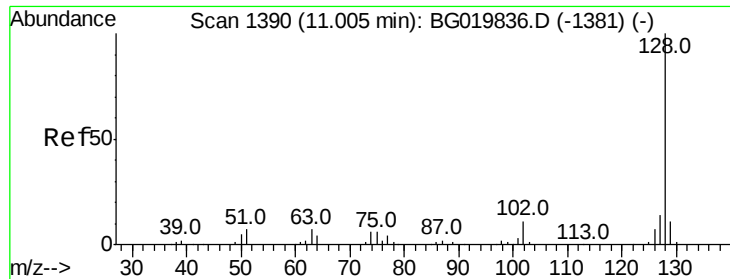
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.66 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion:	180	Resp:	102300
Ion Ratio	Lower	Upper	
180	100		
182	93.4	79.7	119.5
145	27.9	22.0	33.0





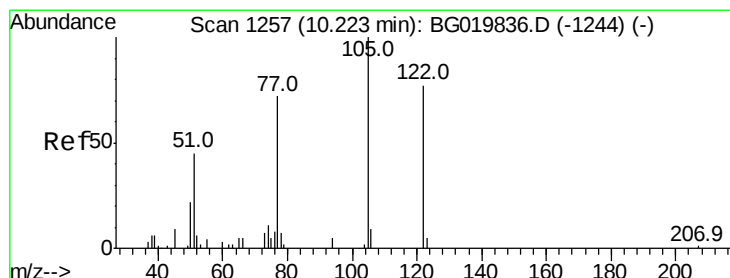
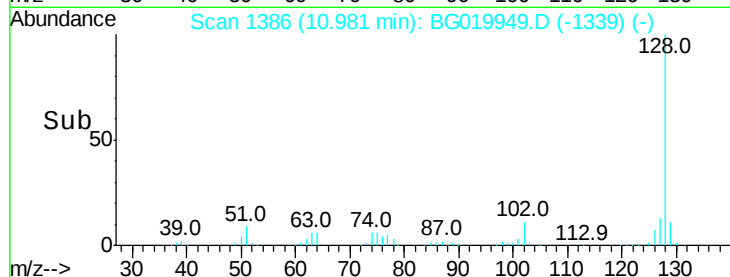
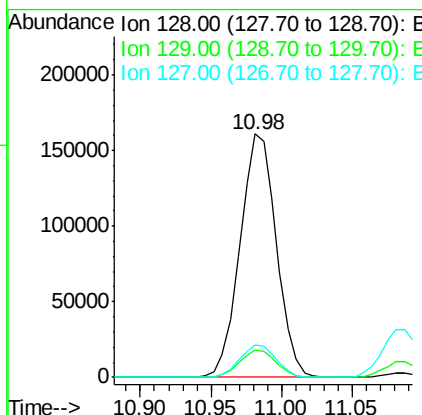
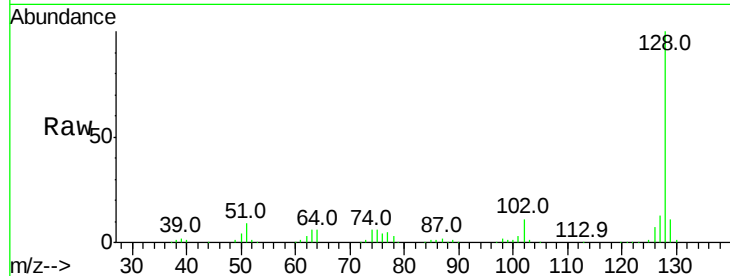
#31
Naphthalene
Concen: 40.27 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	289175		
129	11.2	8.5	12.7	
127	13.4	10.6	16.0	

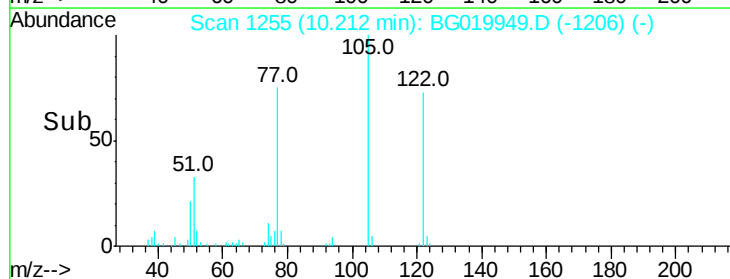
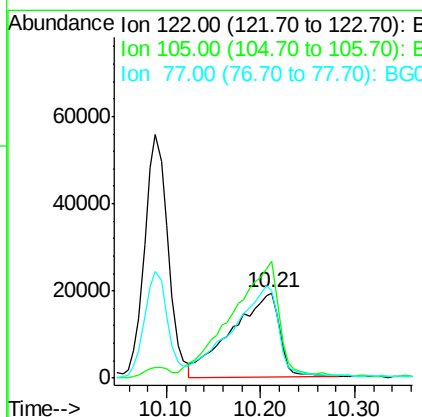
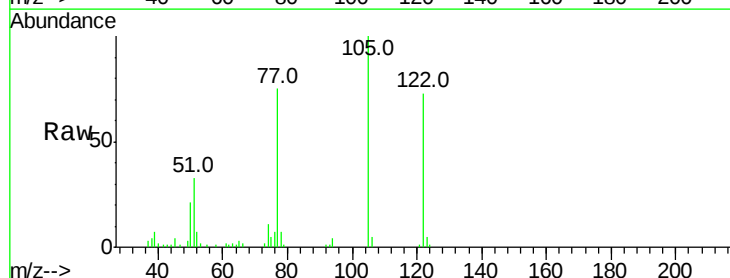
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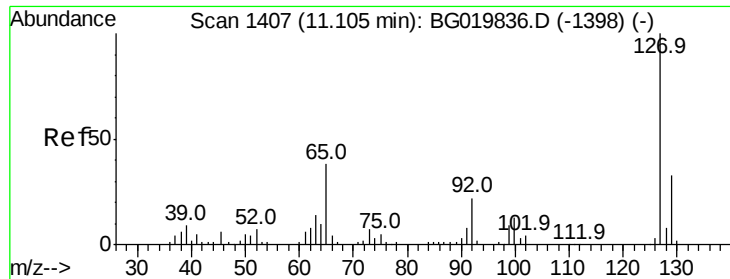
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#32
Benzoic acid
Concen: 44.53 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	67998		
105	136.8	103.8	143.8	
77	102.7	68.8	108.8	





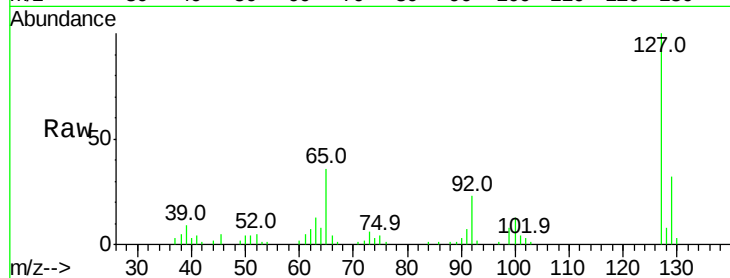
#33
4-Chloroaniline
Concen: 18.84 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

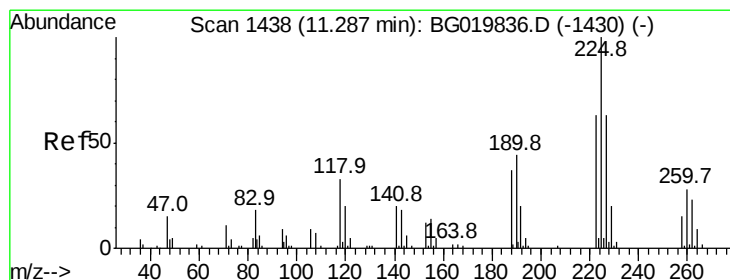
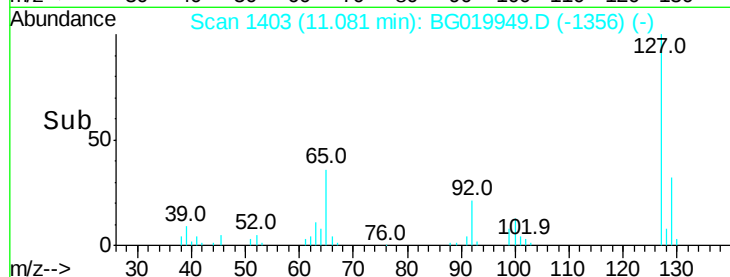
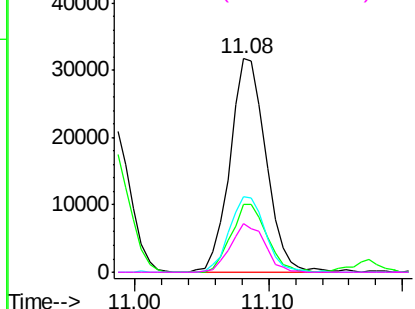
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	24.6	37.0
65	35.6	22.6	33.8
92	22.5	15.1	22.7

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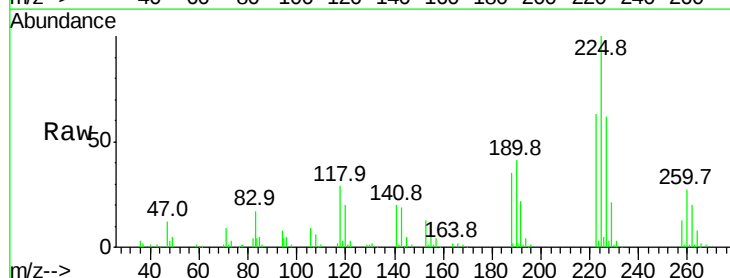


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

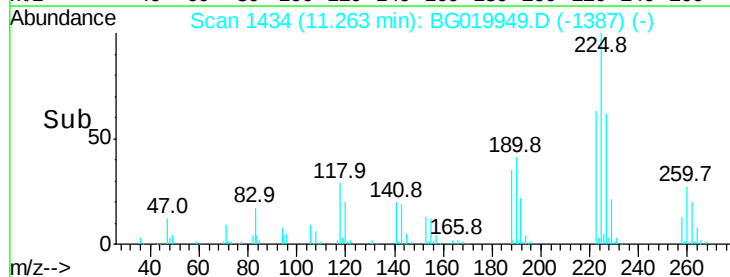
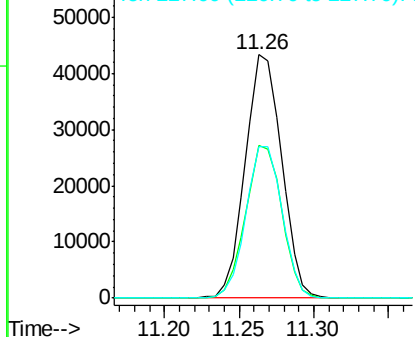


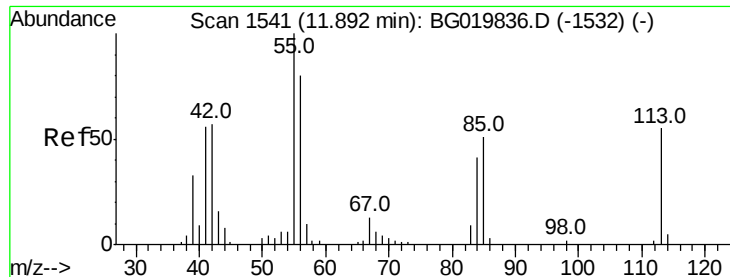
#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	51.0	76.4
227	59.2	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: 40.61 ng/ml

RT: 11.86 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

ClientSampleId :

PB86943BS

Tot Ion:113 Resp: 35391

Ion Ratio Lower Upper

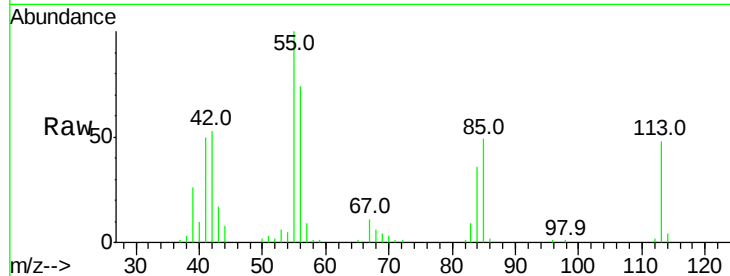
113 100

55 209.3 135.0 175.0#

56 154.5 83.4 123.4#

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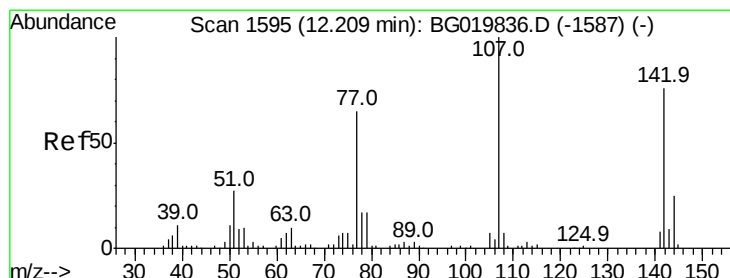
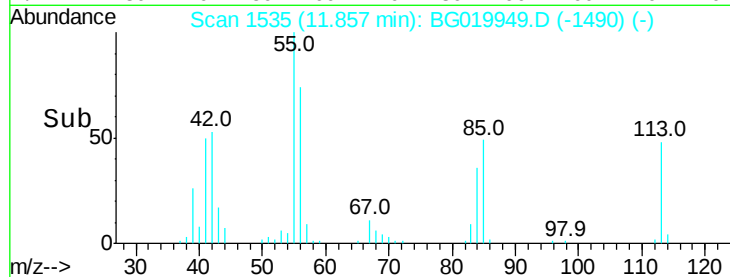
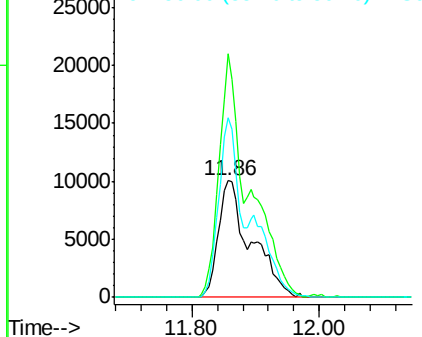
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Abundance Ion 113.00 (112.70 to 113.70): E

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: 40.97 ng/ml

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

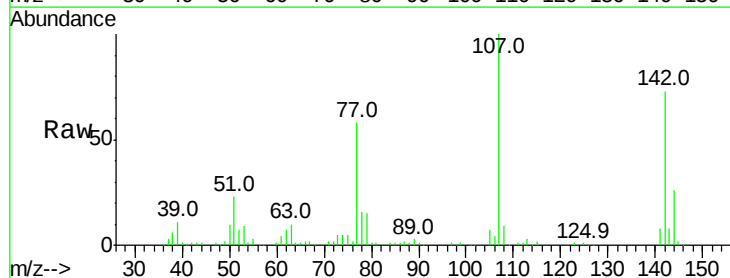
Tgt Ion:107 Resp: 119455

Ion Ratio Lower Upper

107 100

144 25.7 20.6 31.0

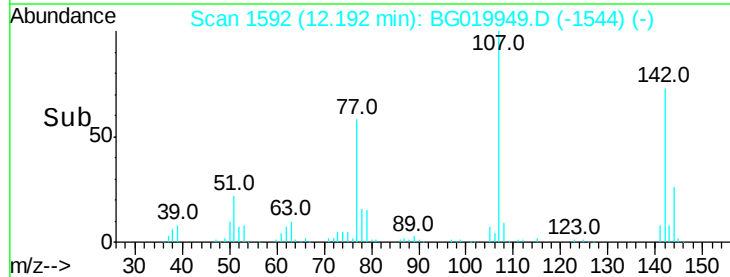
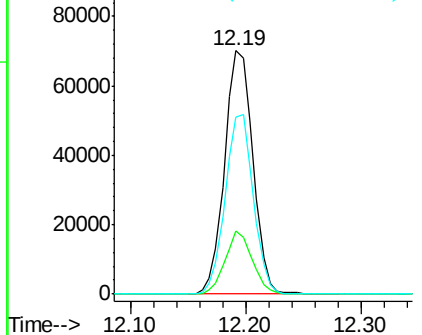
142 72.6 62.6 93.8

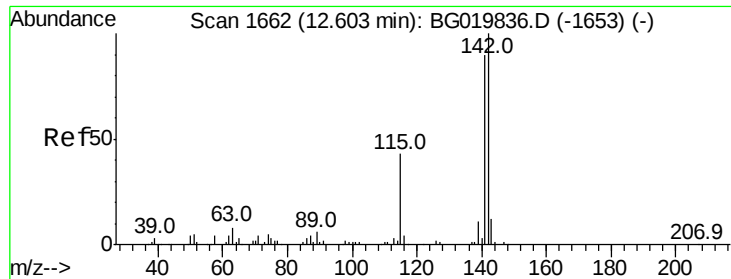


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





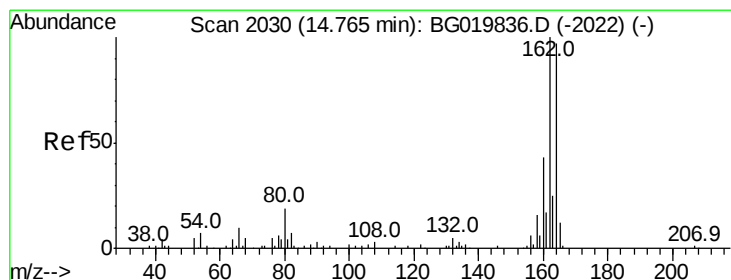
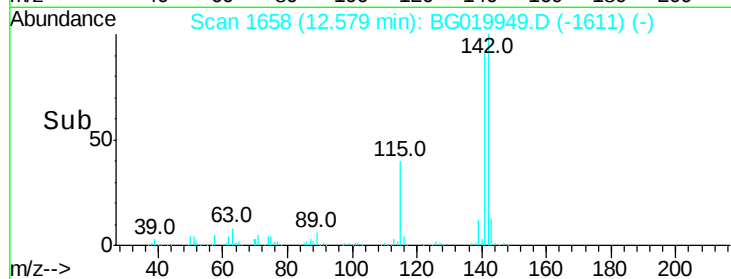
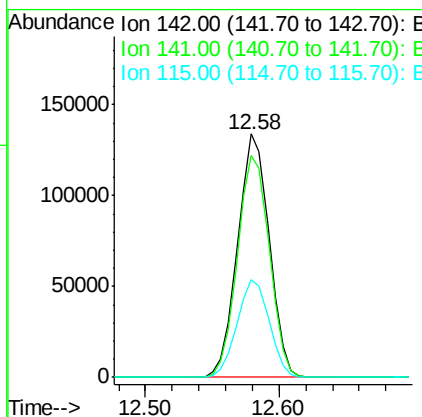
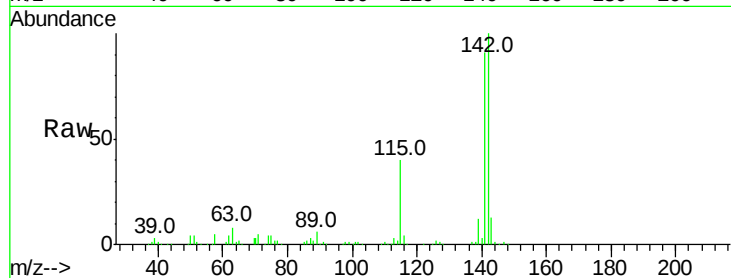
#37
2-Methylnaphthalene
Concen: 41.58 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.6	112.0
115	40.2	27.4	41.0

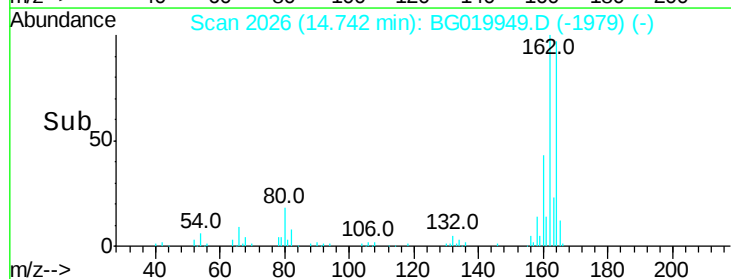
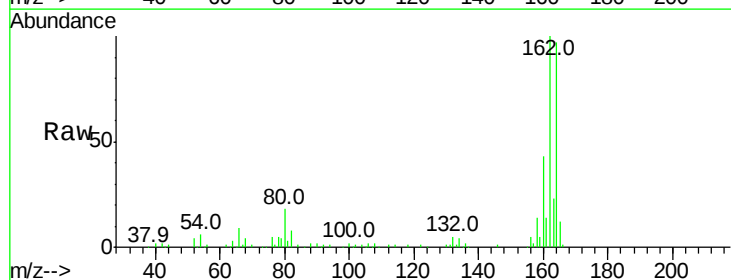
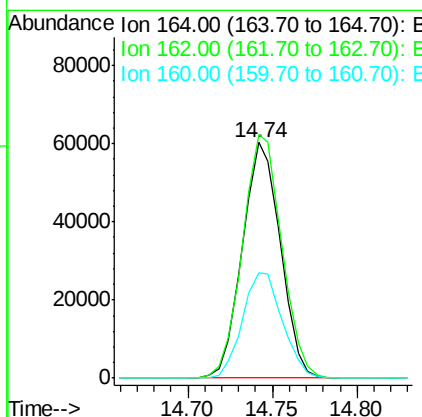
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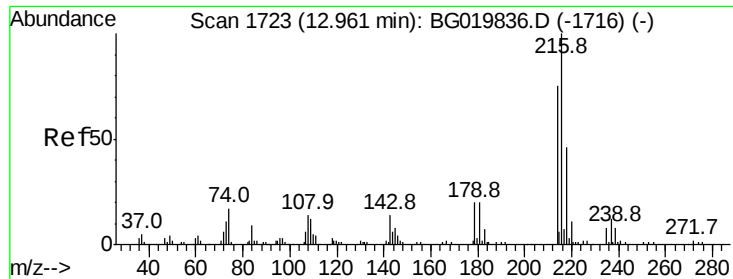
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	44.8	36.4	54.6





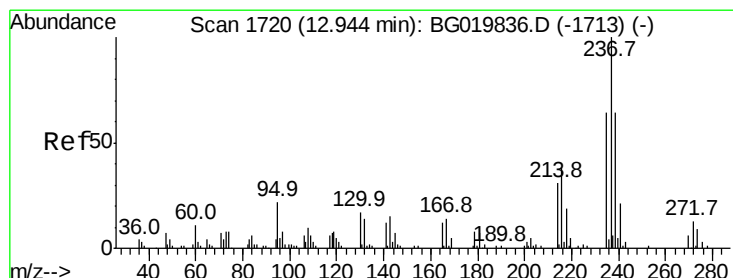
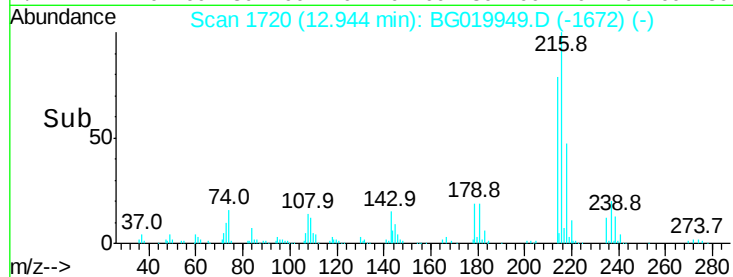
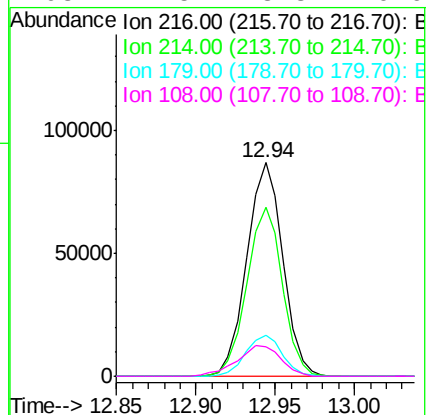
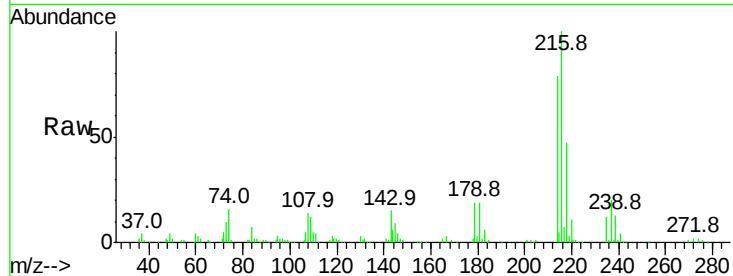
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.13 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	62.5	93.7
179	19.4	15.6	23.4
108	17.5	13.3	19.9

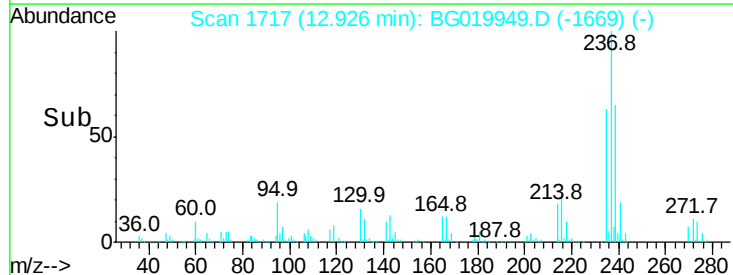
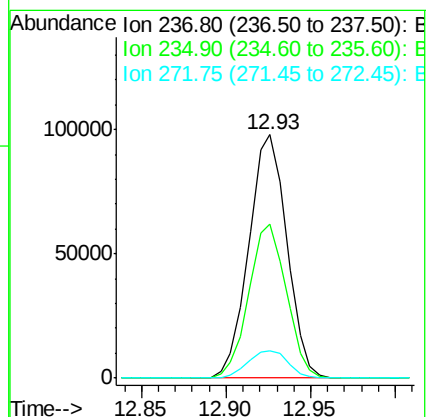
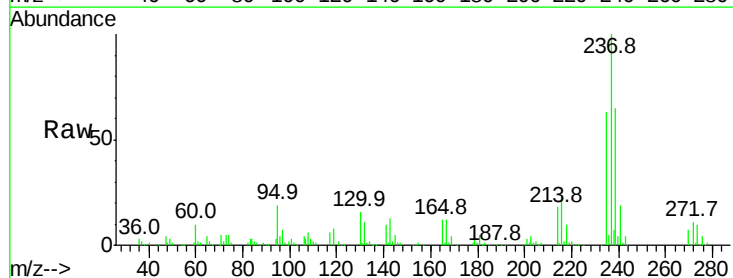
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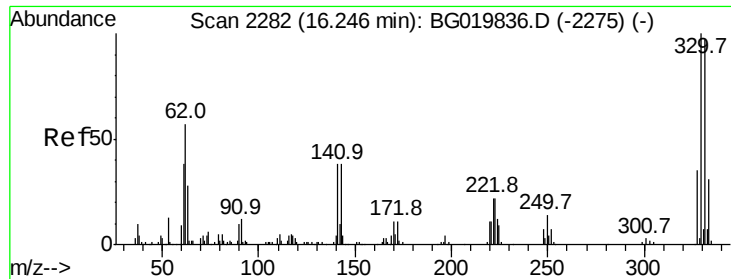
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#40
 Hexachlorocyclopentadiene
 Concen: 75.16 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	44.6	84.6
272	11.2	0.0	32.8





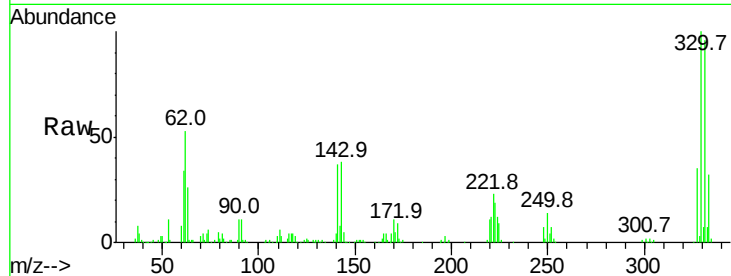
#41
 2,4,6-Tribromophenol
 Concen: 123.41 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

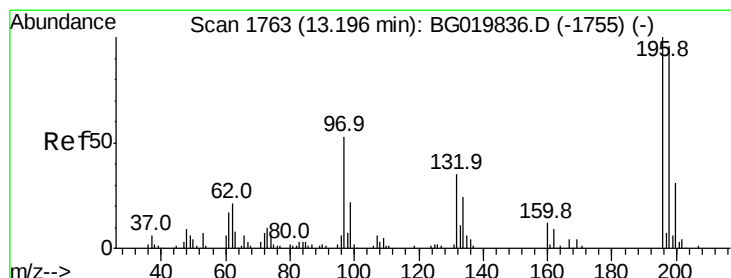
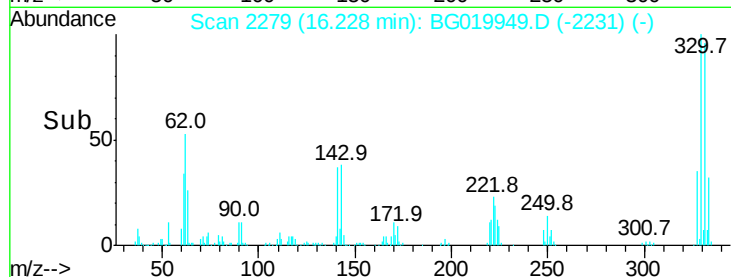
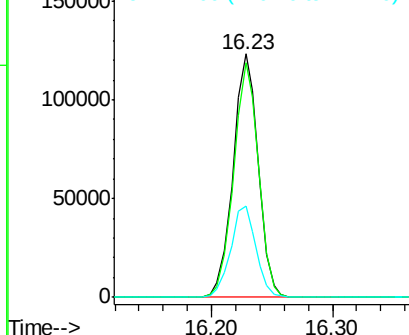
Tot Ion	Ratio	Resp	Lower	Upper
330	100	178113		
332	95.3	78.1	117.1	
141	37.8	28.2	42.2	

Manual Integrations
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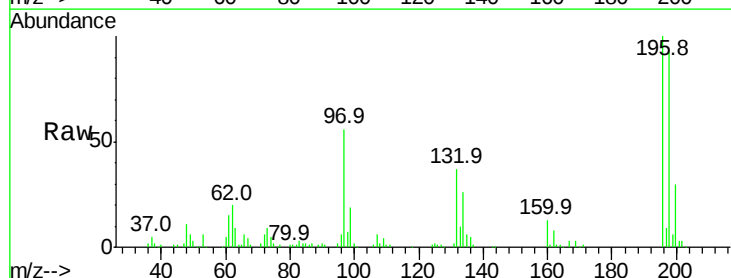


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

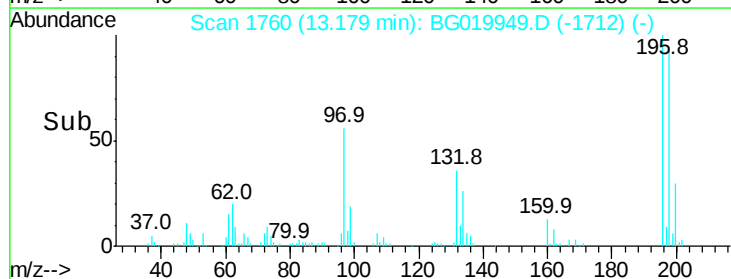
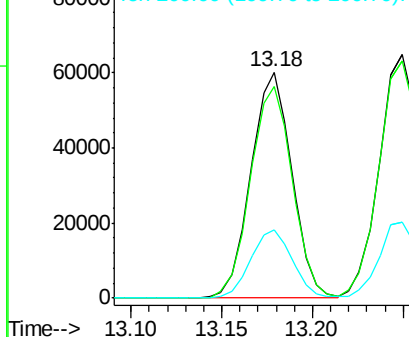


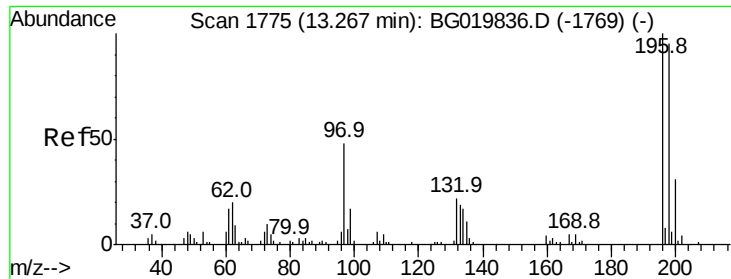
#42
 2,4,6-Trichlorophenol
 Concen: 39.83 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94397		
198	93.4	74.7	112.1	
200	30.2	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





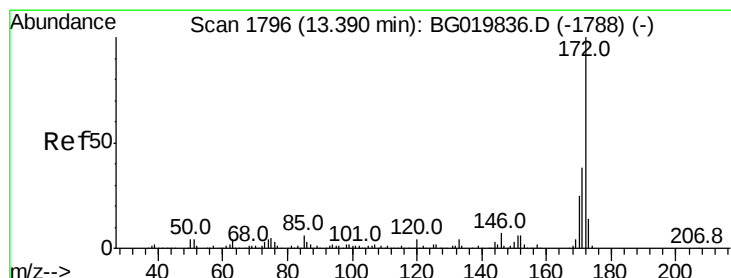
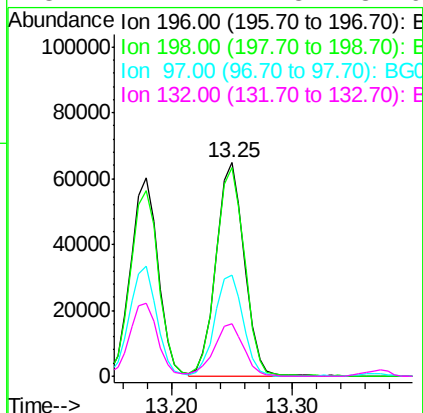
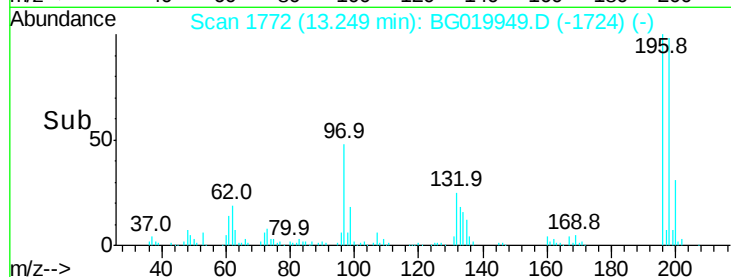
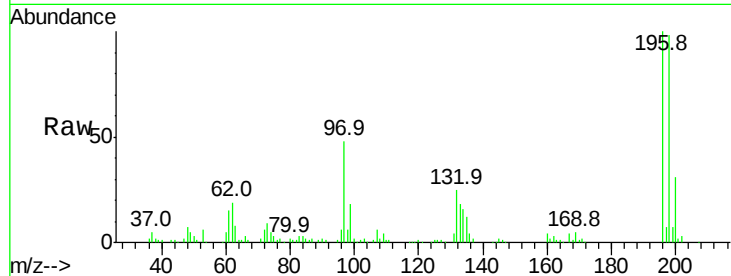
#43
 2,4,5-Trichlorophenol
 Concen: 41.86 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104856		
198	97.6	75.2	112.8	
97	47.5	34.2	51.2	
132	24.7	21.8	32.6	

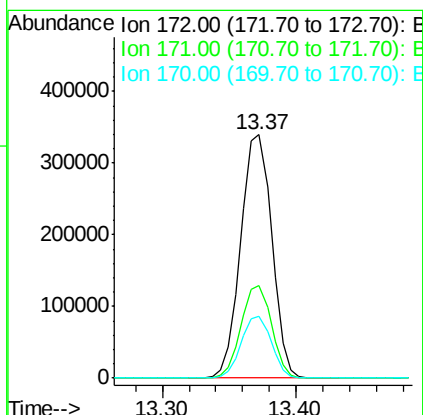
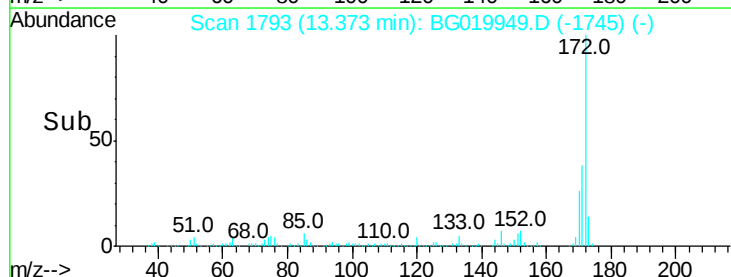
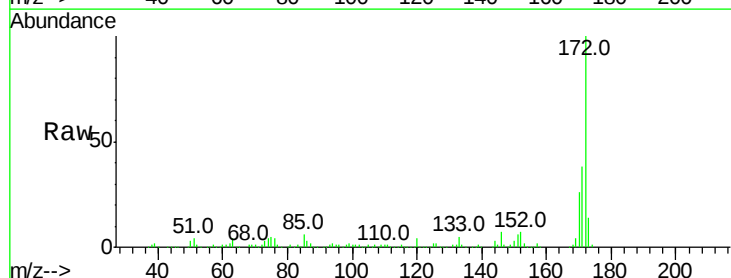
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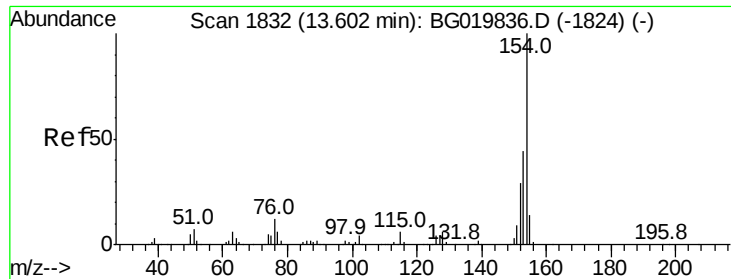
Mmdadoda
 12/7/2015 6:31:43 PM



#44
 2-Fluorobiphenyl
 Concen: 79.35 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	548197		
171	38.1	29.0	43.6	
170	25.5	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 37.34 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

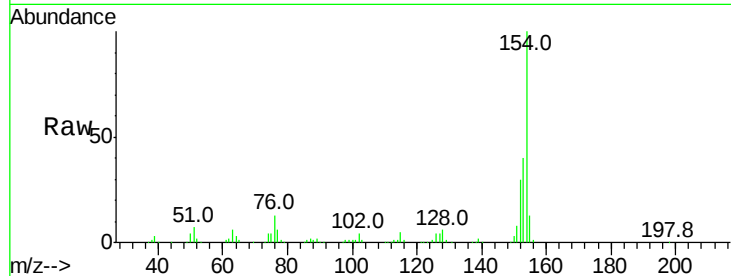
ClientSampleId :

PB86943BS

Tot Ion:	154	Resp:	289017
Ion Ratio		Lower	Upper
154	100		
153	40.4	21.9	61.9
76	13.2	0.0	33.2

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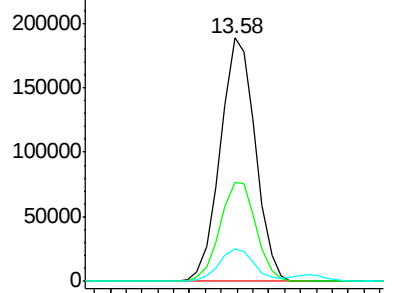
Mmdadoda
12/7/2015 6:31:43 PM



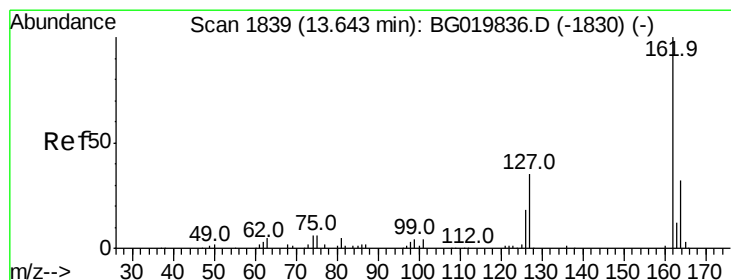
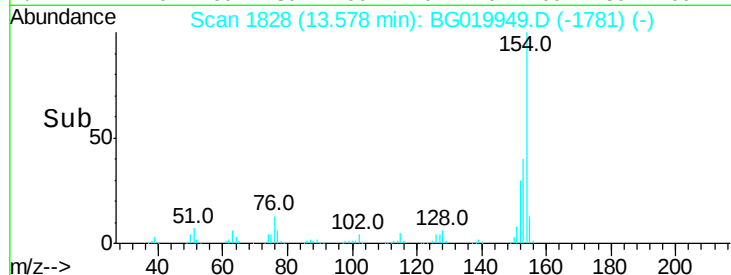
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



Time-->



#46

2-Chloronaphthalene

Concen: 39.08 ng

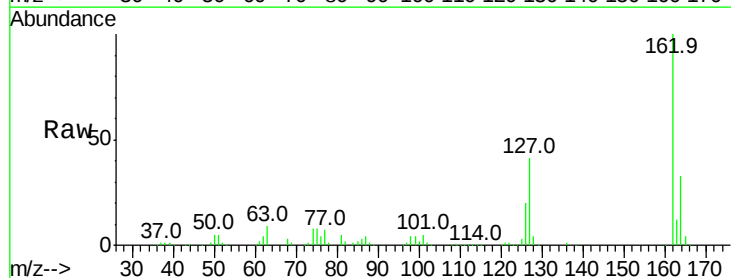
RT: 13.63 min Scan# 1836

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

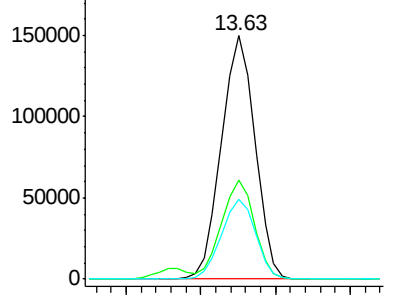
Tgt Ion:	162	Resp:	233196
Ion Ratio		Lower	Upper
162	100		
127	40.6	28.3	42.5
164	32.7	27.4	41.0



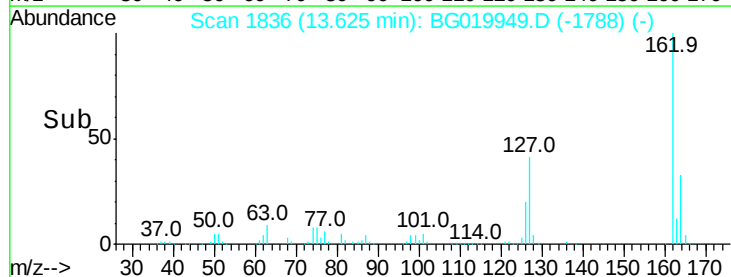
Abundance Ion 162.00 (161.70 to 162.70): E

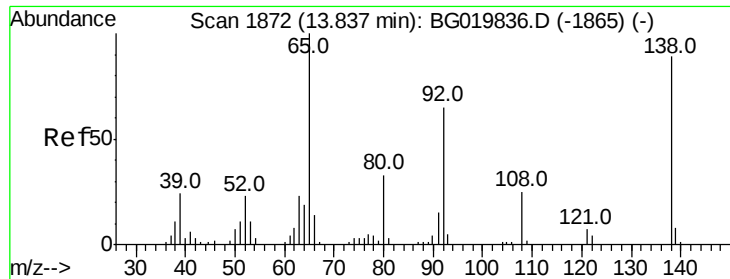
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





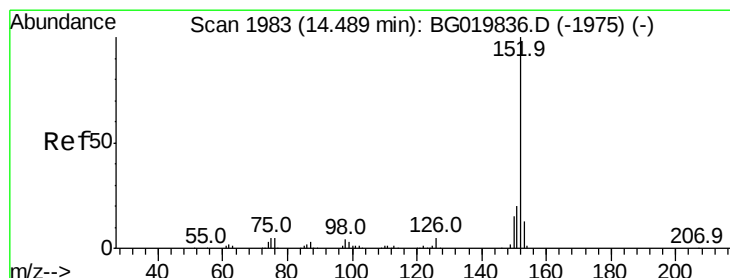
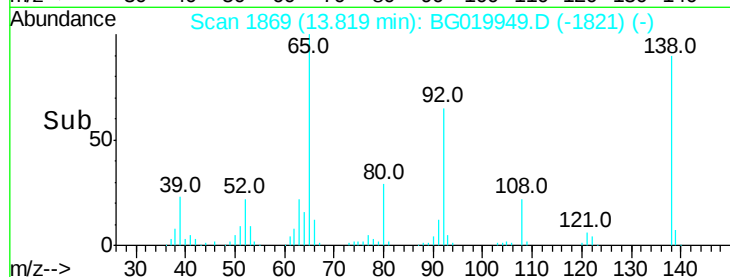
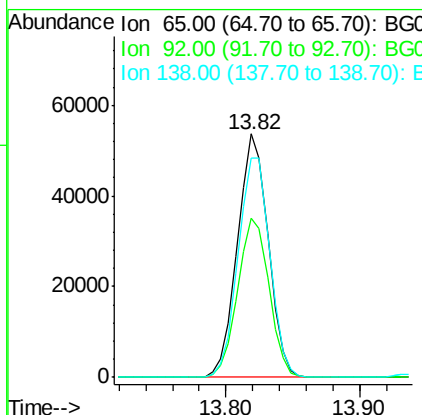
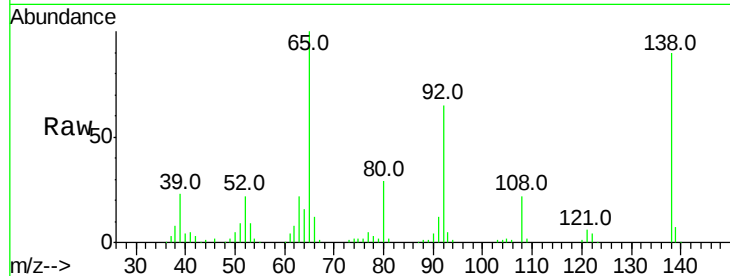
#47
2-Nitroaniline
Concen: 45.34 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	54.8	82.2
138	90.2	89.6	134.4

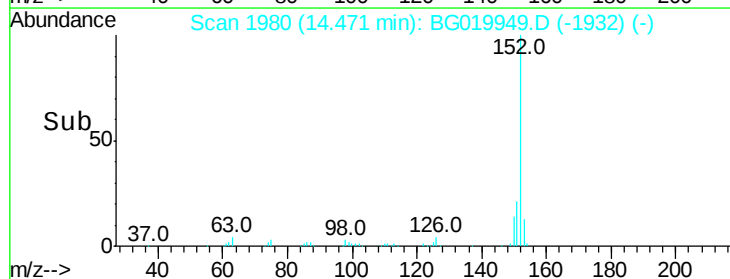
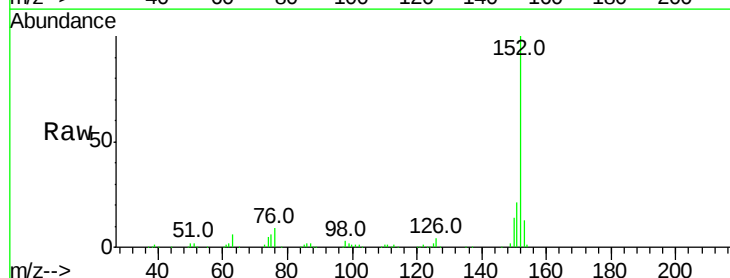
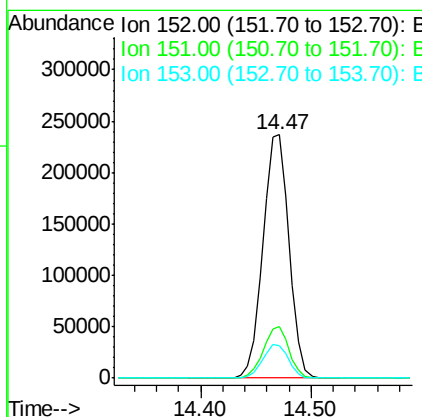
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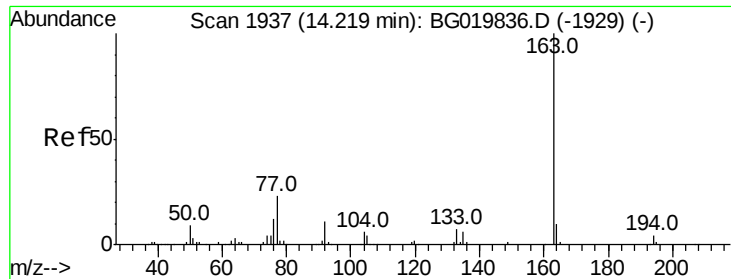
Mmdadoda
12/7/2015 6:31:43 PM



#48
Acenaphthylene
Concen: 38.53 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.4
153	13.2	10.4	15.6





#49

Dimethylphthalate

Concen: 37.76 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

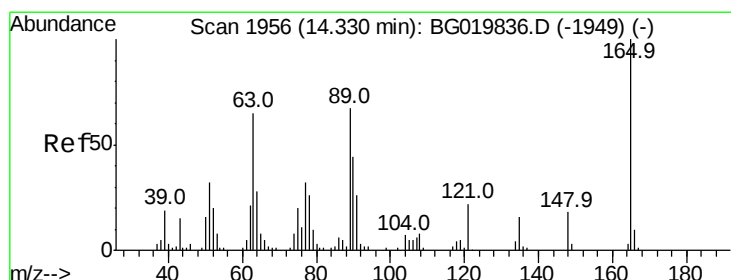
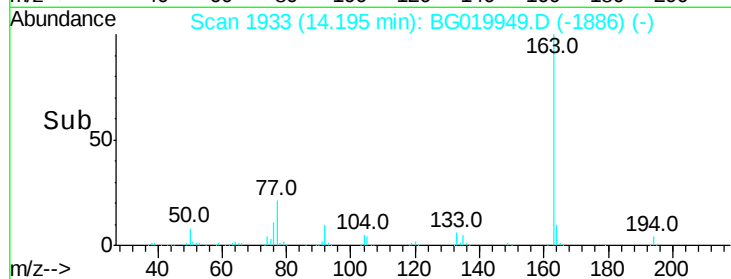
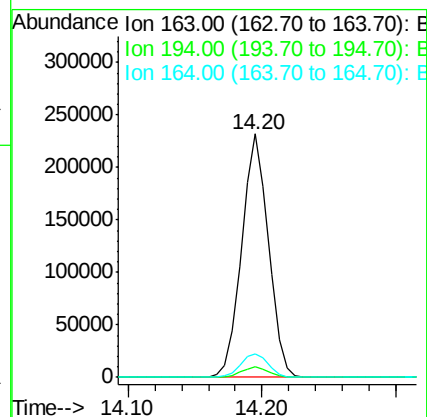
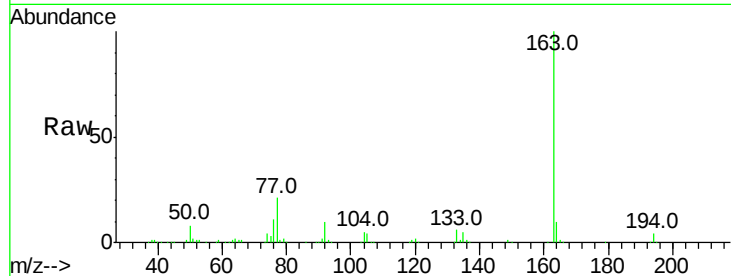
ClientSampleId :

PB86943BS

Tot Ion	163	Resp	320419
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.1	4.7
164	9.8	8.8	13.2

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#50

2,6-Dinitrotoluene

Concen: 43.72 ng

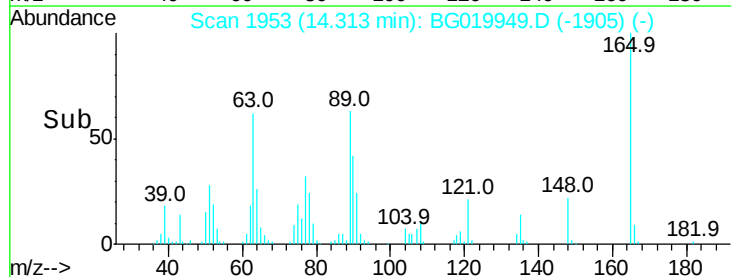
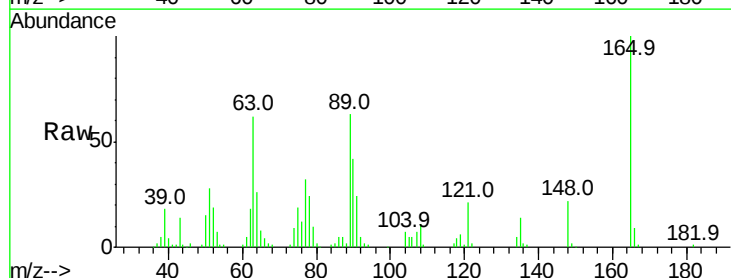
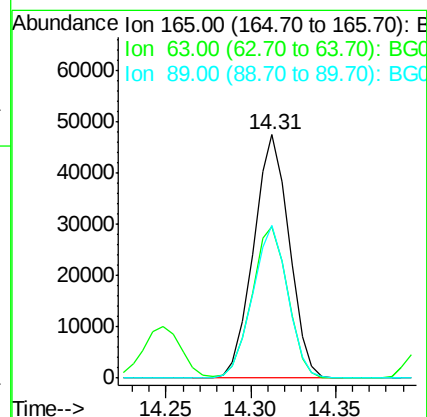
RT: 14.31 min Scan# 1953

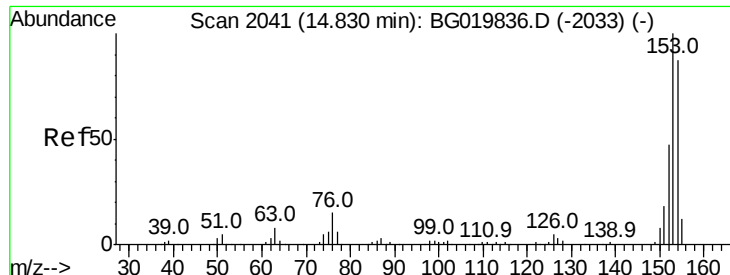
Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion	165	Resp	69741
Ion Ratio	Lower	Upper	
165	100		
63	62.3	35.7	53.5#
89	62.6	39.7	59.5#





#51

Acenaphthene

Concen: 43.24 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

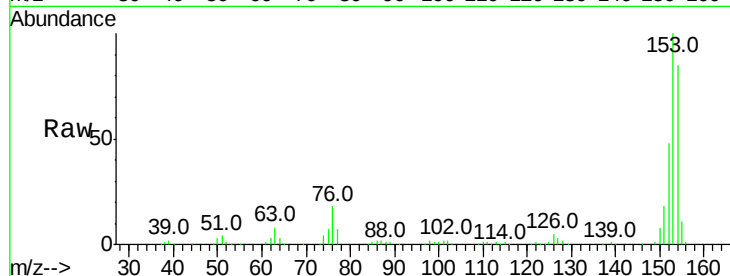
ClientSampleId :

PB86943BS

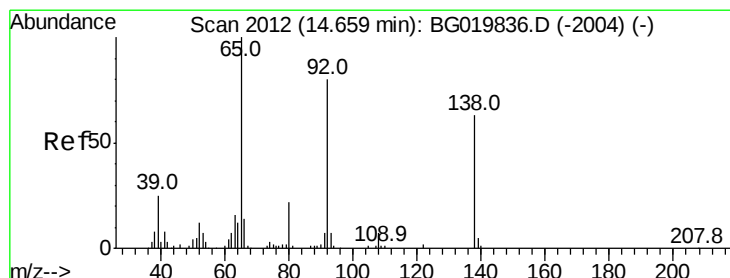
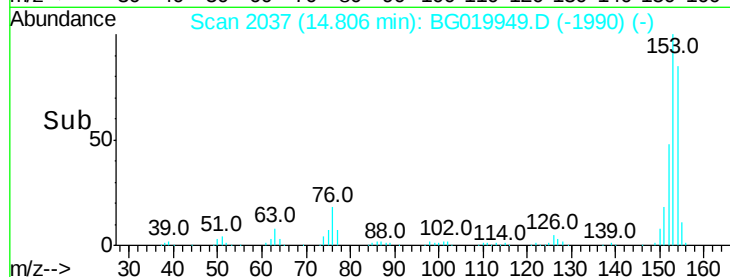
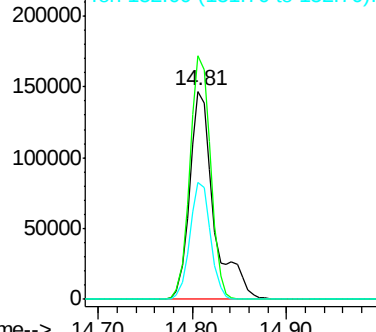
Tot Ion:	154	Resp:	266659
Ion Ratio	Lower	Upper	
154	100		
153	117.1	92.9	139.3
152	56.3	45.8	68.8

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



#52

3-Nitroaniline

Concen: 31.33 ng

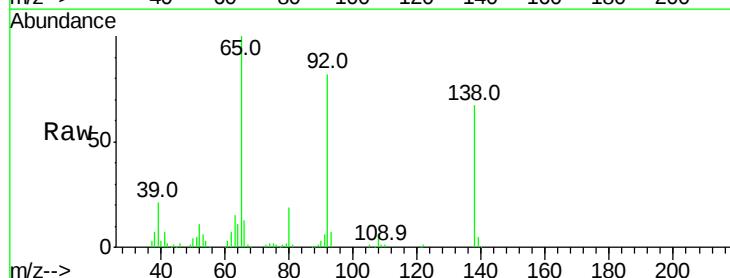
RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

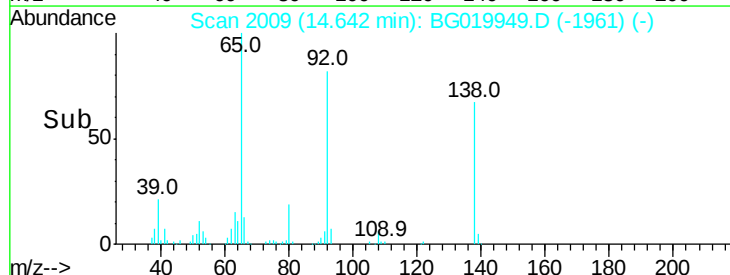
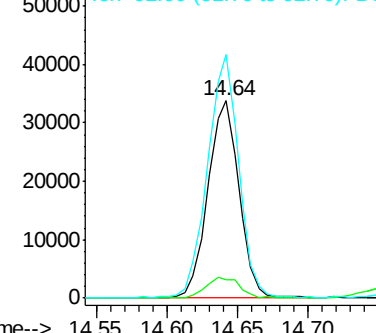
Lab File: BG019949.D

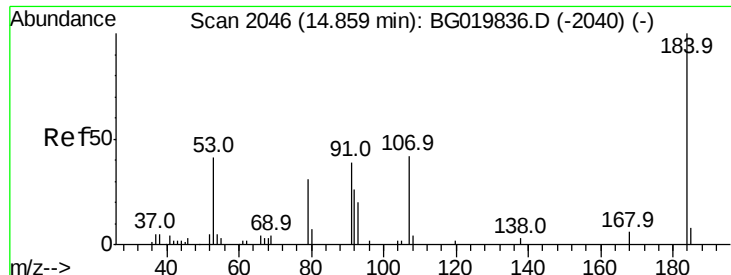
Acq: 5 Dec 2015 19:35

Tgt Ion:	138	Resp:	51930
Ion Ratio	Lower	Upper	
138	100		
108	9.0	7.9	11.9
92	123.4	94.2	141.4



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





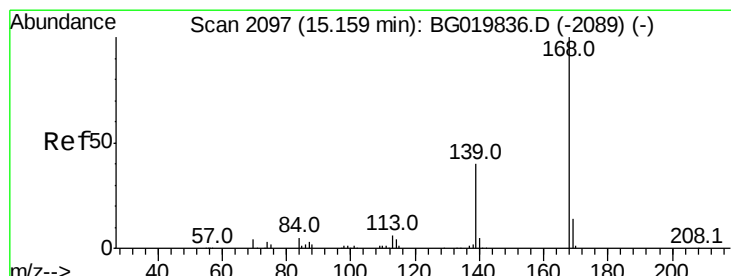
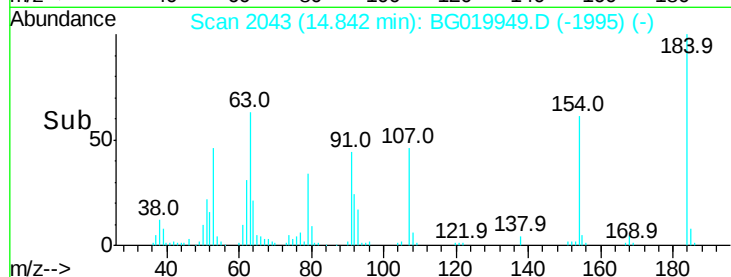
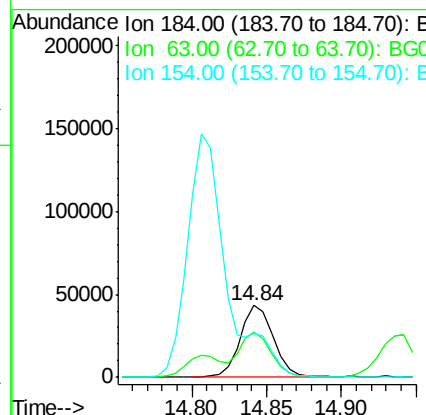
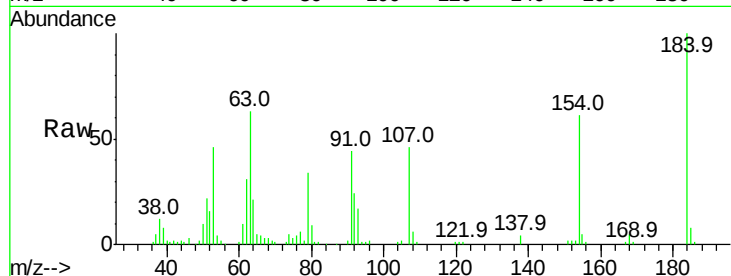
#53
 2,4-Dinitrophenol
 Concen: 80.24 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	68145		
63	63.1	42.7	64.1	
154	61.5	44.3	66.5	

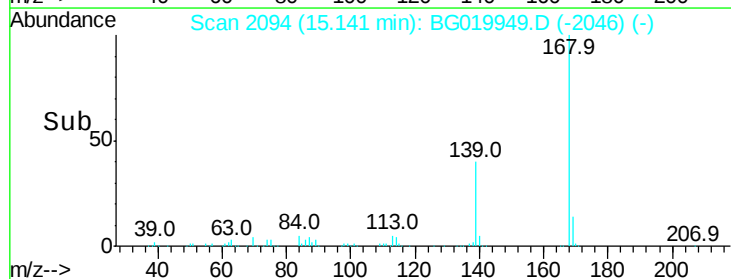
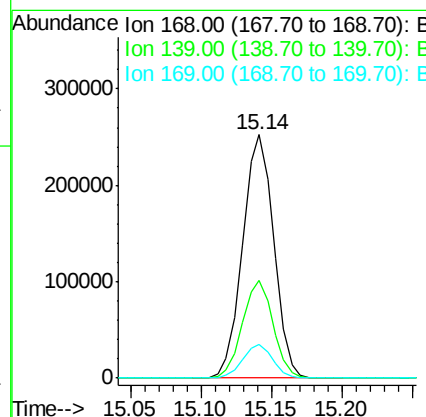
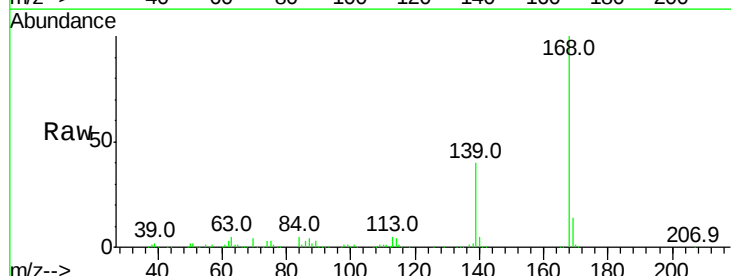
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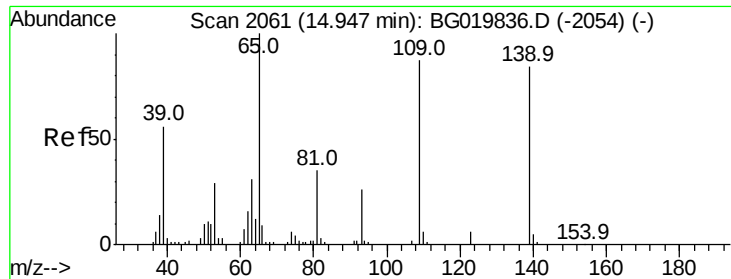
Mmdadoda
 12/7/2015 6:31:43 PM



#54
 Dibenzofuran
 Concen: 42.27 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	387768		
139	40.0	27.4	41.0	
169	13.6	11.0	16.4	





#55

4-Nitrophenol

Concen: 82.37 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

ClientSampled :

PB86943BS

Tot Ion:139 Resp: 118894

Ion Ratio Lower Upper

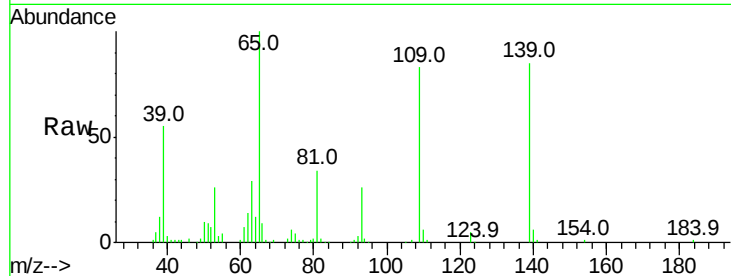
139 100

109 98.3 43.2 83.2#

65 117.8 67.8 107.8#

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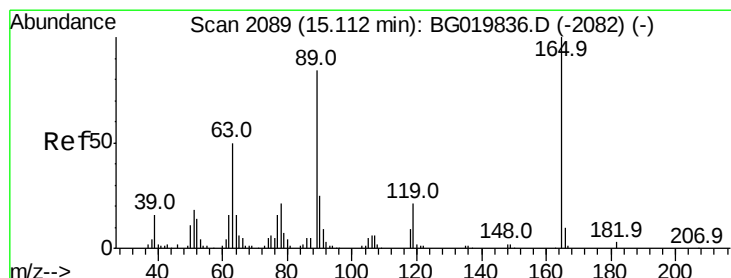
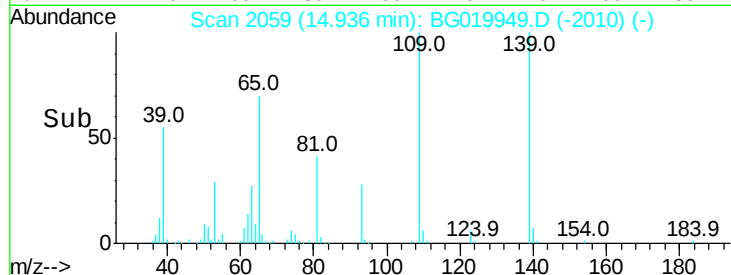
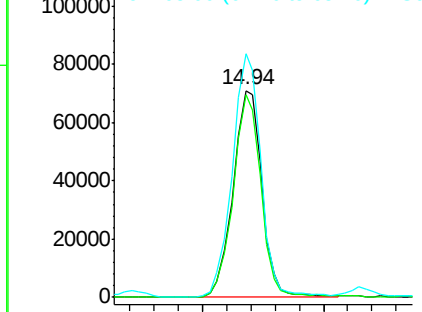
Mmdadoda
12/7/2015 6:31:43 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 45.38 ng

RT: 15.09 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:165 Resp: 101007

Ion Ratio Lower Upper

165 100

63 47.4 31.0 46.4#

89 75.7 54.4 81.6

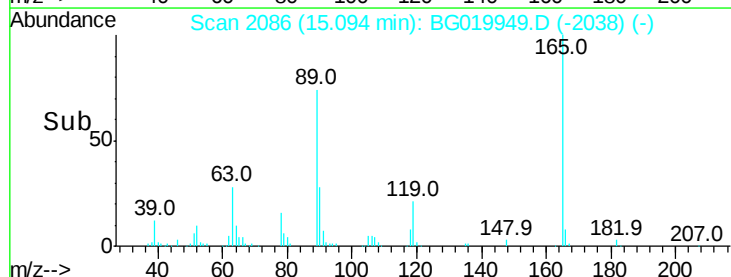
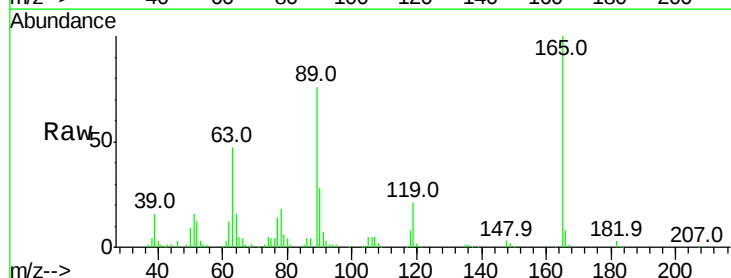
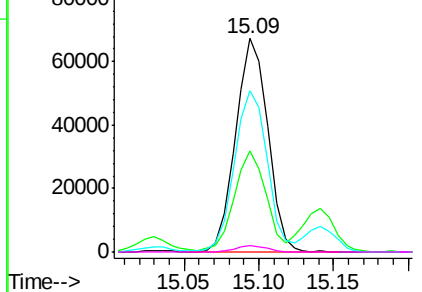
182 2.9 1.6 2.4#

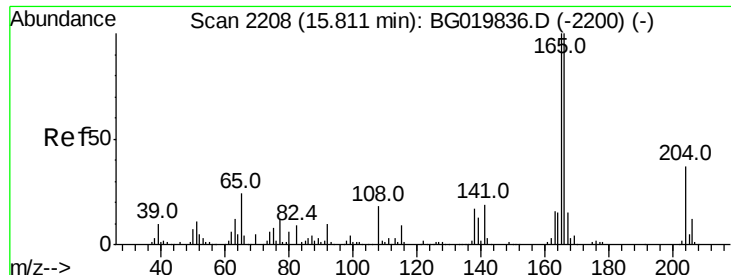
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





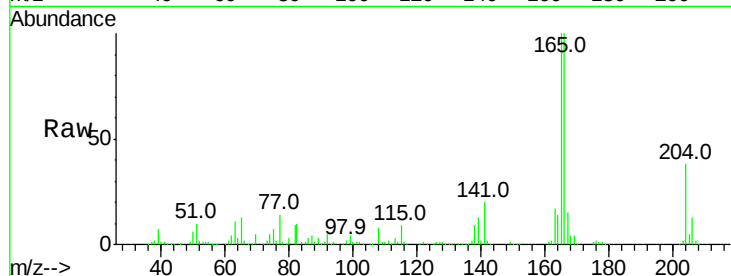
#57
Fluorene
 Concen: 37.94 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

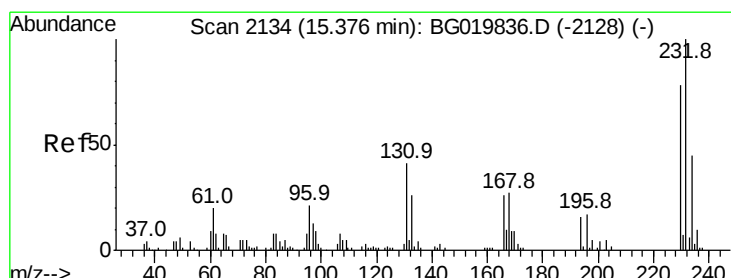
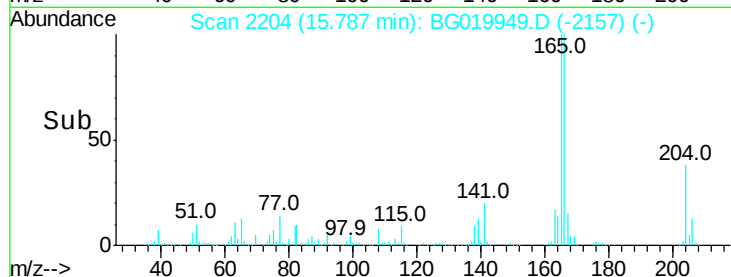
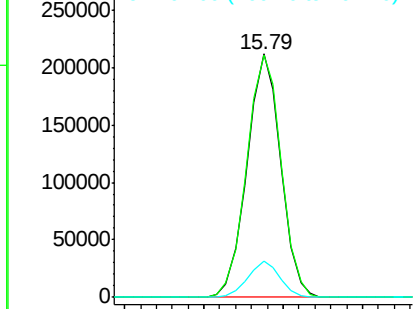
Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	80.0	120.0	
167	14.7	11.1	16.7	

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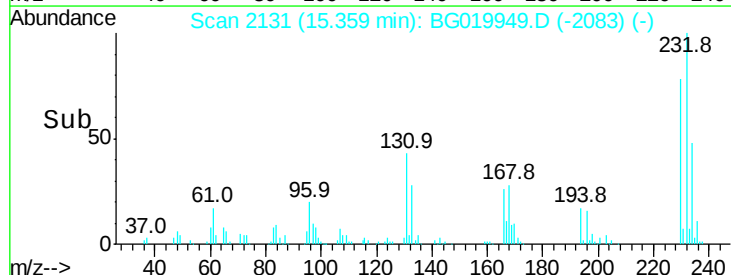
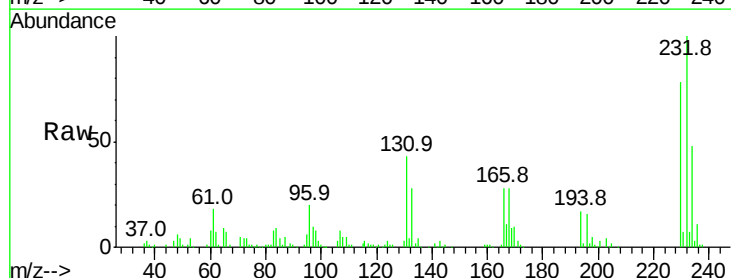
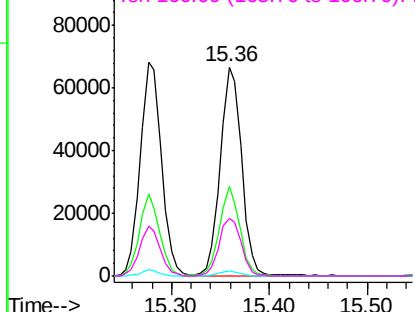
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

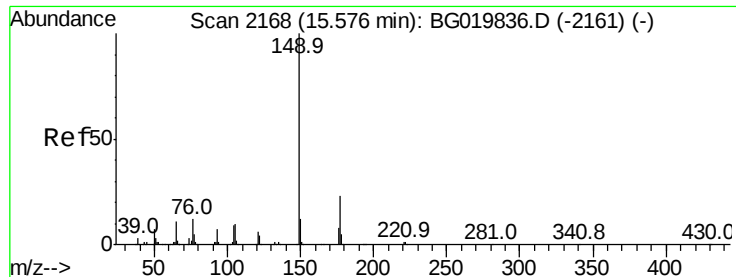


#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.93 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.1	33.0	49.6	
130	2.2	2.0	3.0	
166	28.3	24.1	36.1	

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





#59

Diethylphthalate

Concen: 36.04 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

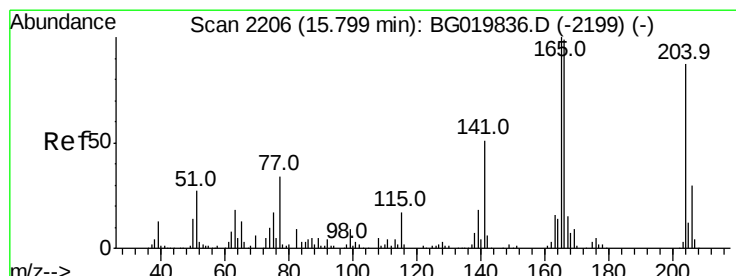
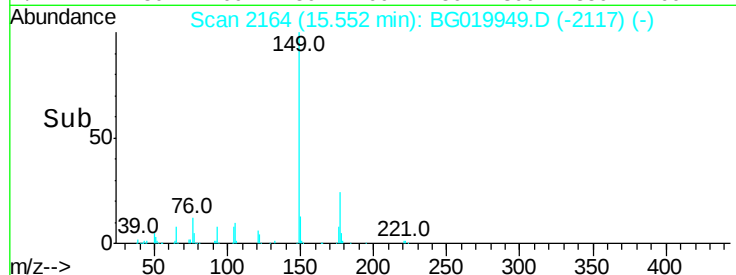
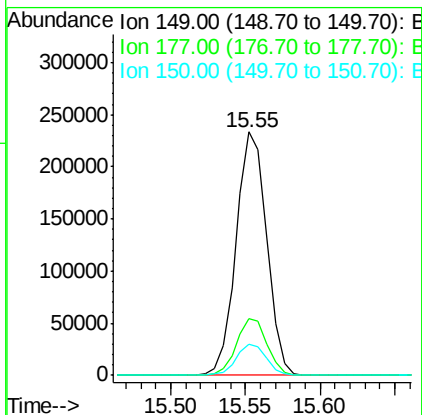
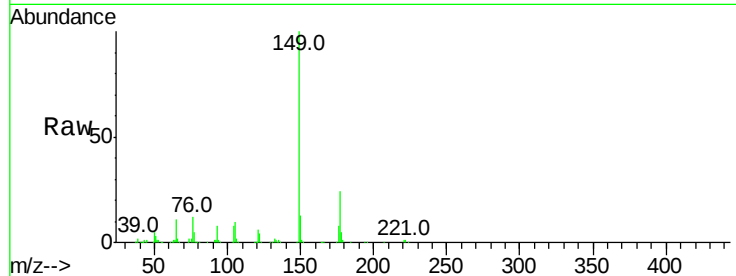
ClientSampleId :

PB86943BS

Tot Ion:	149	Resp:	330991
Ion Ratio	Lower	Upper	
149	100		
177	23.5	19.6	29.4
150	12.8	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 36.20 ng

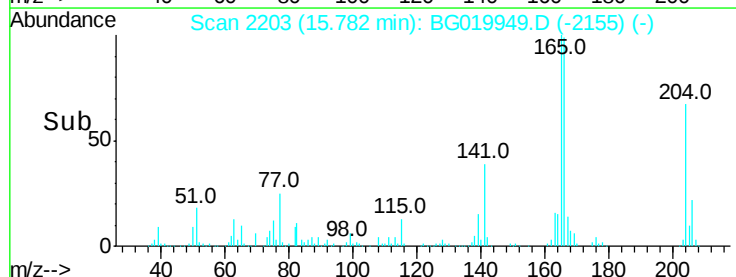
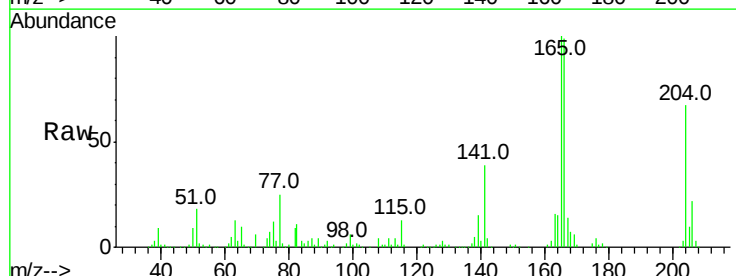
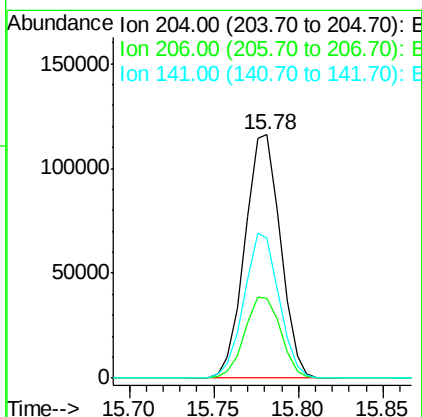
RT: 15.78 min Scan# 2203

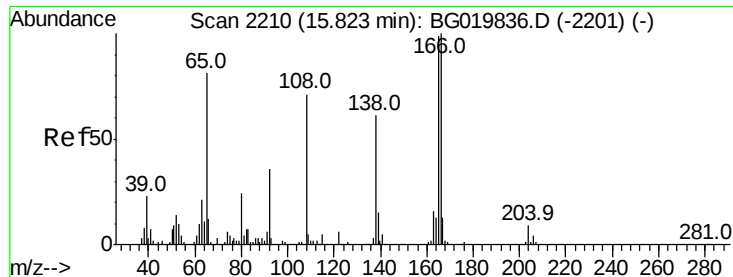
Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:	204	Resp:	170699
Ion Ratio	Lower	Upper	
204	100		
206	32.7	28.3	42.5
141	57.3	44.0	66.0





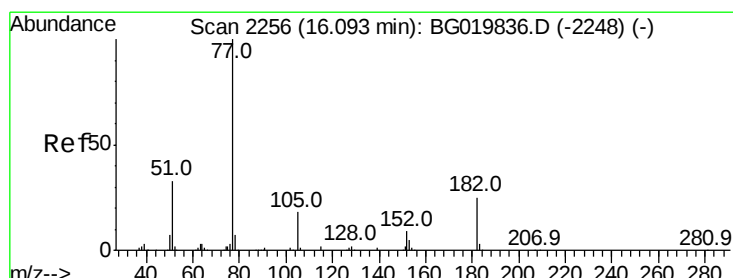
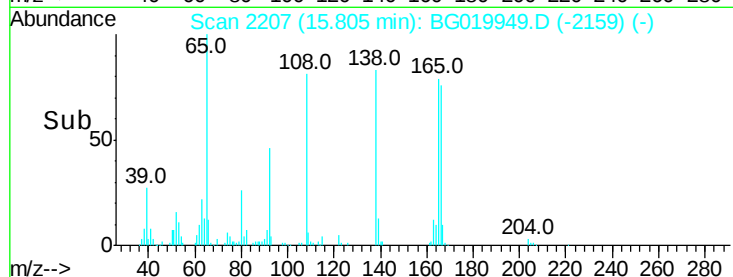
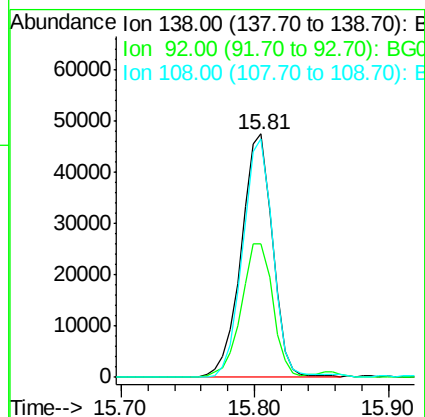
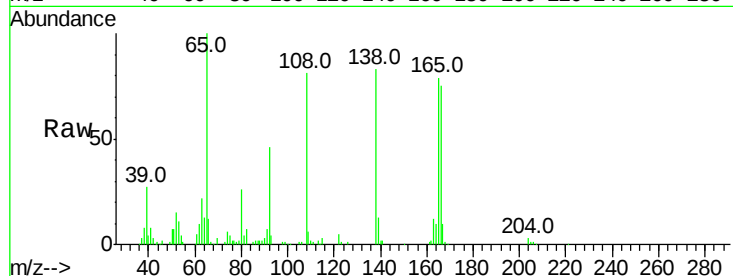
#61
4-Nitroaniline
Concen: 41.32 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.1	29.1	69.1	
108	98.0	49.8	89.8	

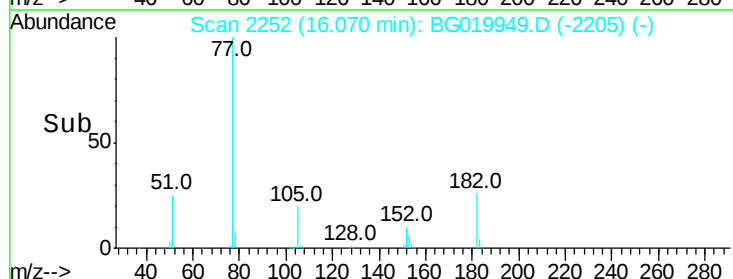
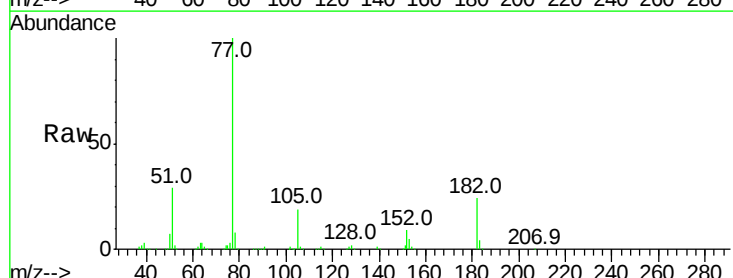
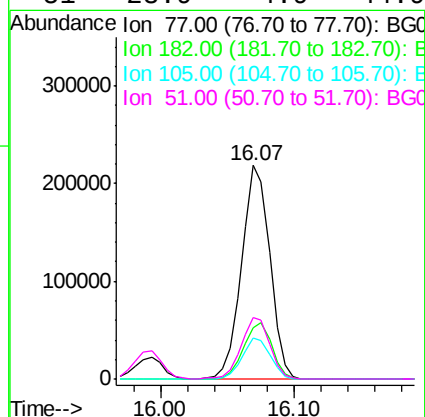
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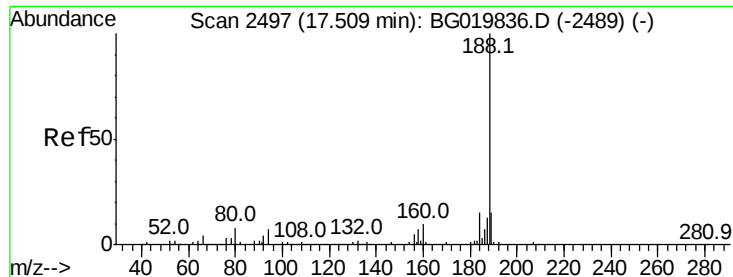
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#62
Azobenzene
Concen: 41.79 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.2	7.0	47.0	
105	18.9	1.4	41.4	
51	28.9	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: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

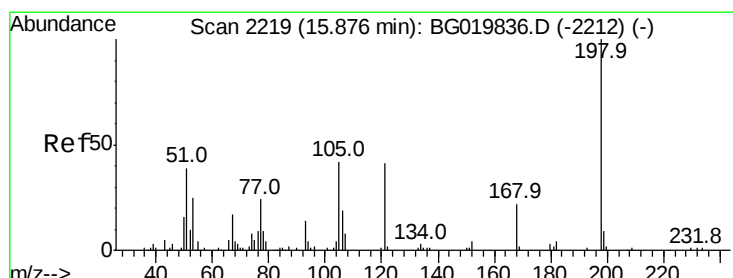
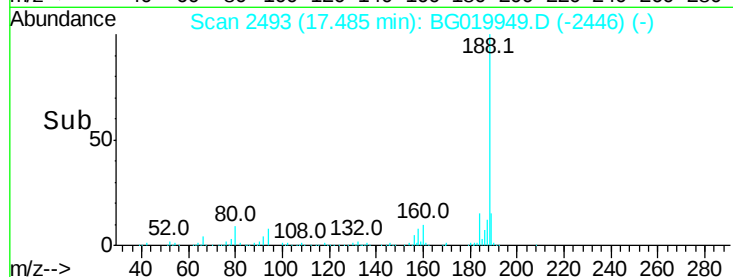
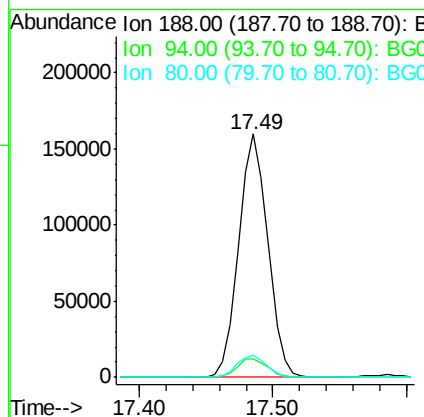
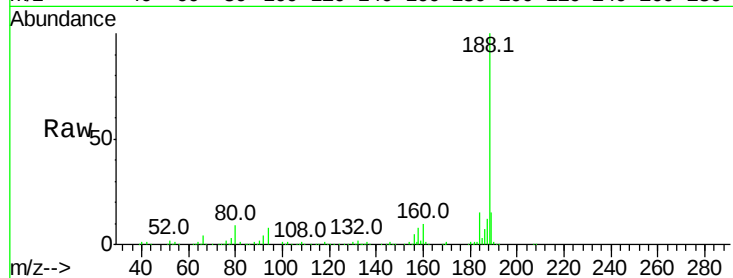
ClientSampleId :

PB86943BS

Tot Ion:	188	Resp:	240414
Ion Ratio	Lower	Upper	
188	100		
94	7.5	7.7	11.5#
80	8.9	7.8	11.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.31 ng

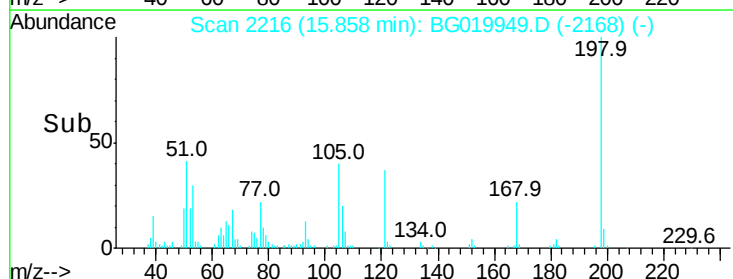
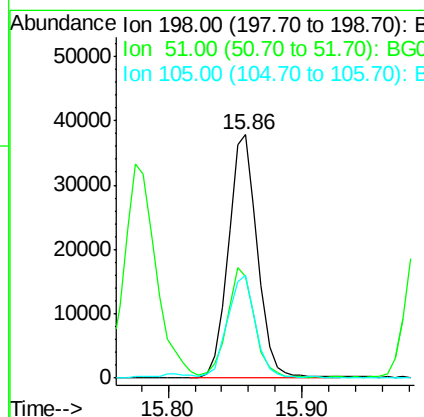
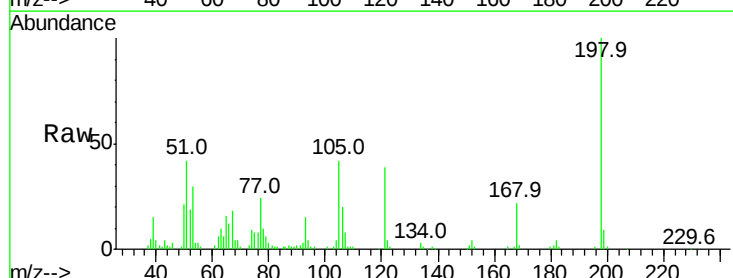
RT: 15.86 min Scan# 2216

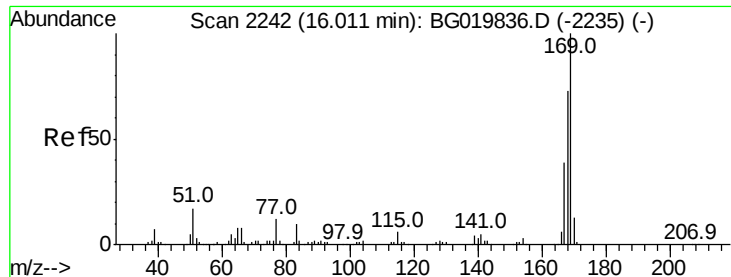
Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:	198	Resp:	57567
Ion Ratio	Lower	Upper	
198	100		
51	41.5	14.2	54.2
105	42.4	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 40.68 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

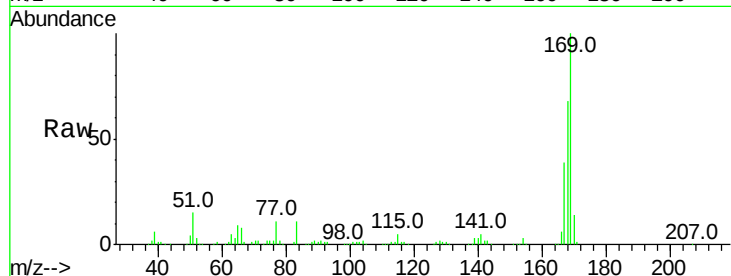
ClientSampleId :

PB86943BS

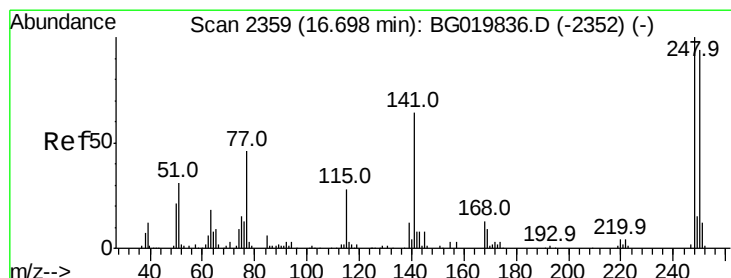
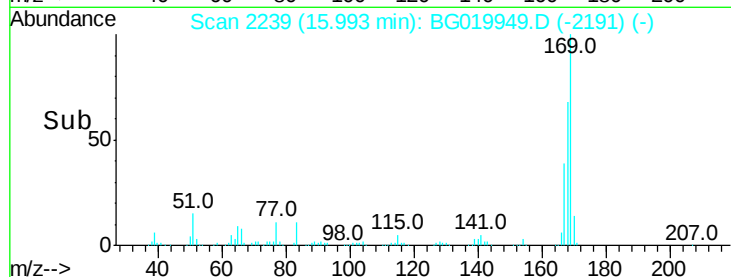
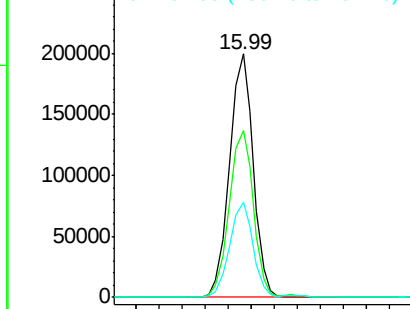
Tot Ion:	169	Resp:	282994
Ion Ratio	Lower	Upper	
169	100		
168	68.4	58.2	87.2
167	39.2	32.7	49.1

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.60 ng

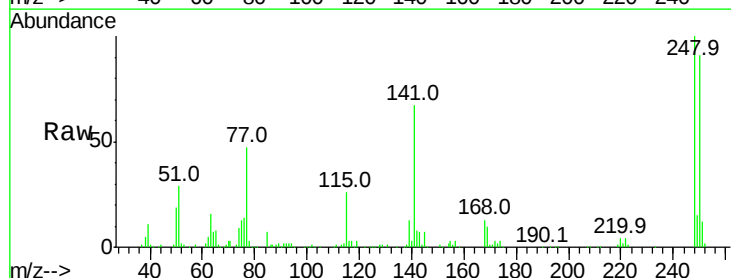
RT: 16.67 min Scan# 2355

Delta R.T. -0.02 min

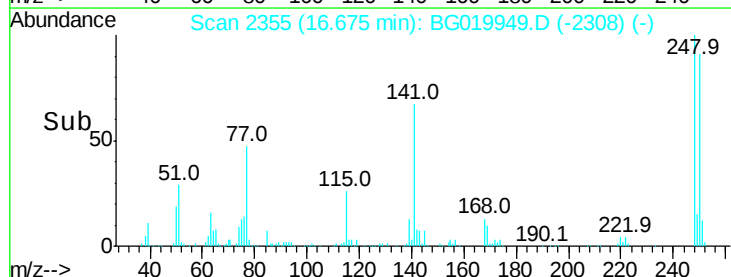
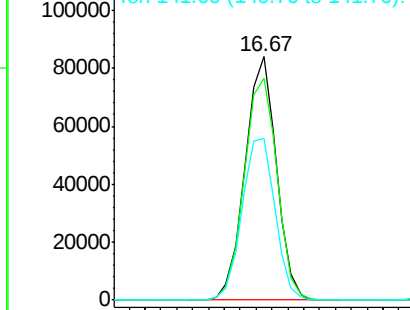
Lab File: BG019949.D

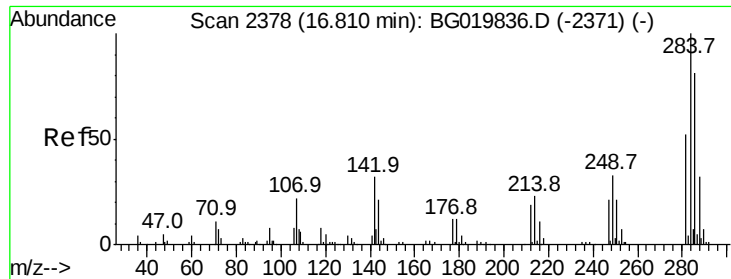
Acq: 5 Dec 2015 19:35

Tgt Ion:	248	Resp:	115307
Ion Ratio	Lower	Upper	
248	100		
250	90.9	77.8	116.8
141	66.6	50.4	75.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





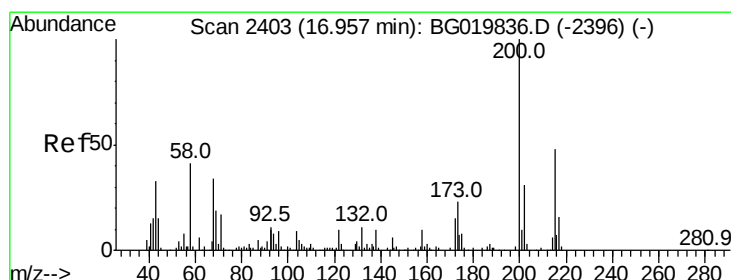
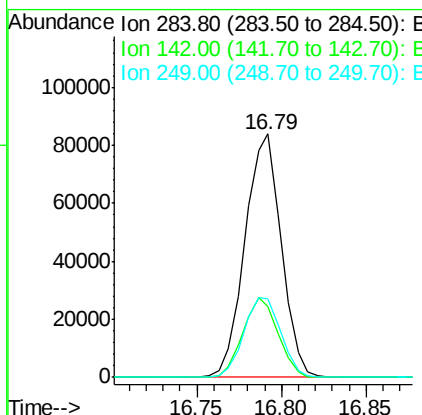
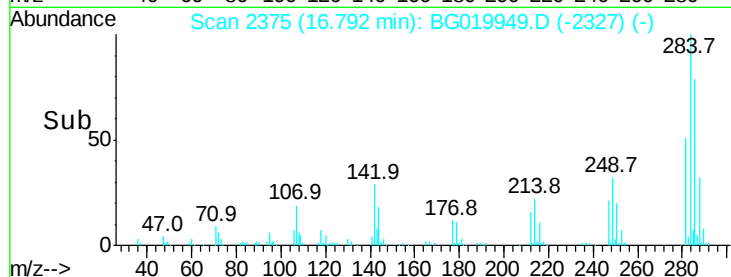
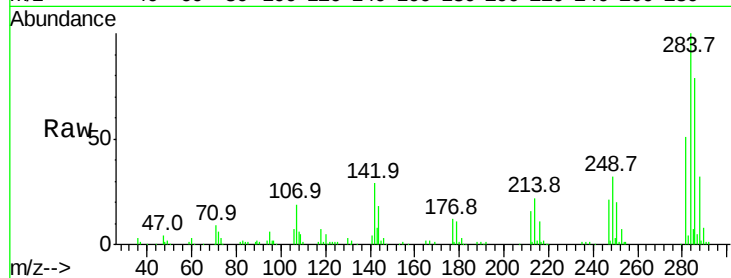
#67
Hexachlorobenzene
Concen: 40.19 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.1	26.6	39.8	
249	32.3	26.2	39.2	

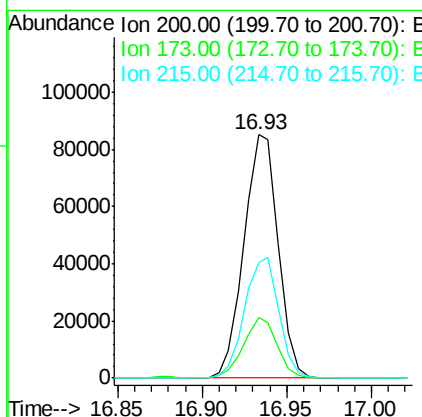
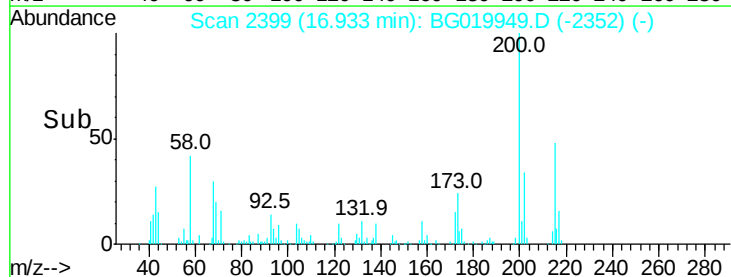
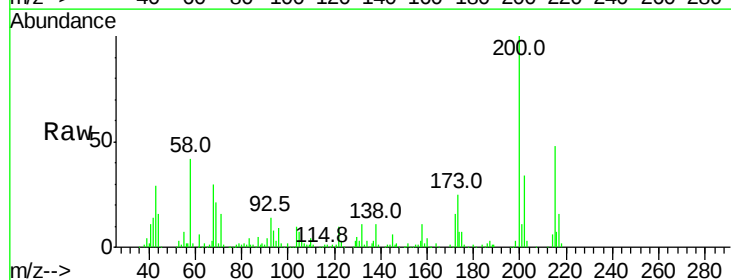
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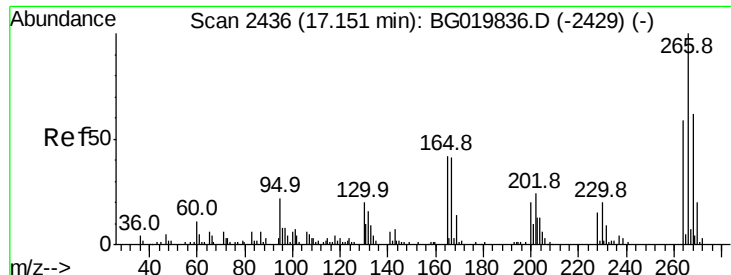
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#68
Atrazine
Concen: 39.71 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.9	5.2	45.2	
215	47.6	27.0	67.0	





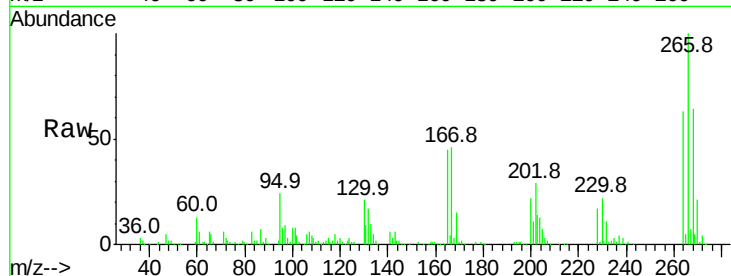
#69
 Pentachlorophenol
 Concen: 86.62 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

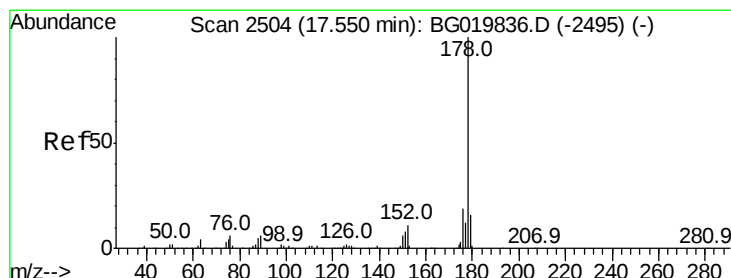
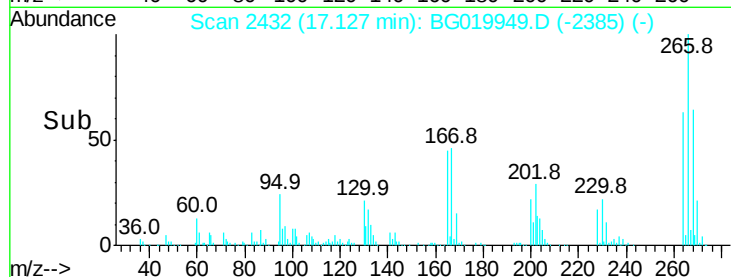
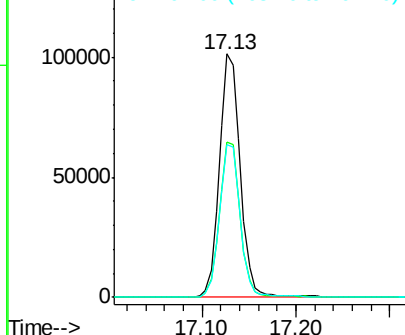
Tot Ion:	266	Resp:	157327
Ion Ratio		Lower	Upper
266	100		
268	64.0	47.6	71.4
264	62.8	48.1	72.1

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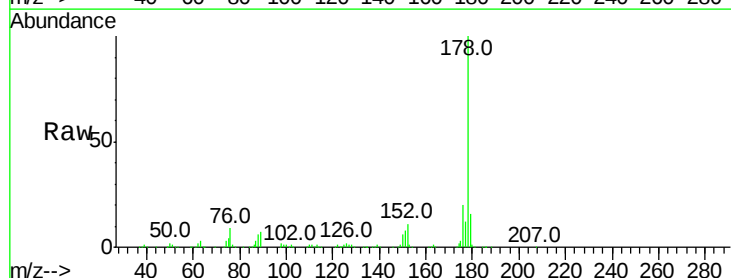


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

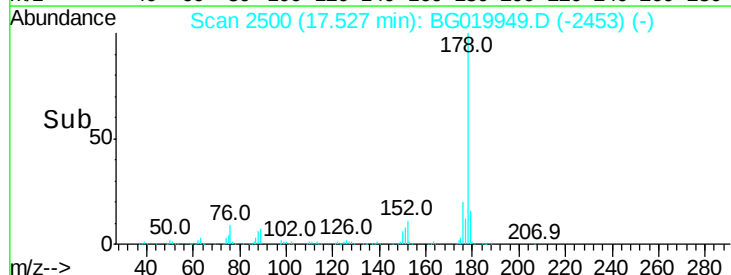
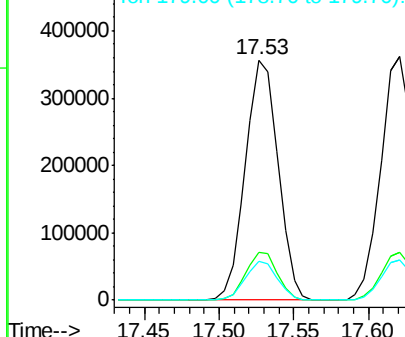


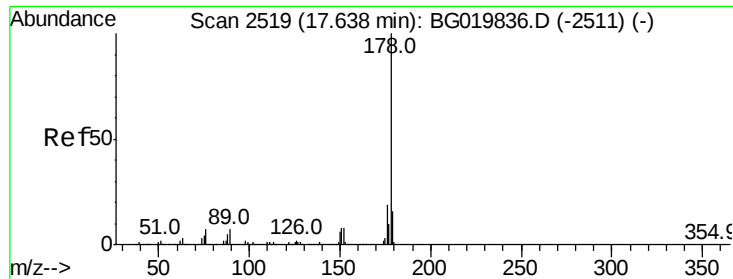
#70
 Phenanthrene
 Concen: 39.81 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion:	178	Resp:	541542
Ion Ratio		Lower	Upper
178	100		
176	20.1	16.7	25.1
179	15.9	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





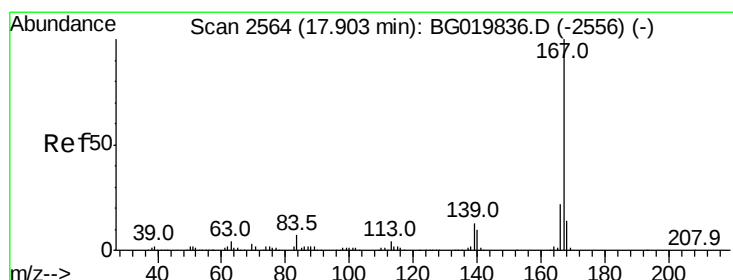
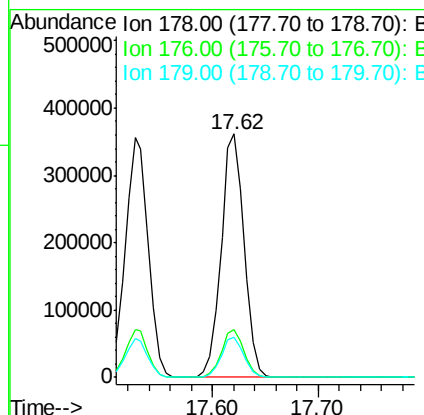
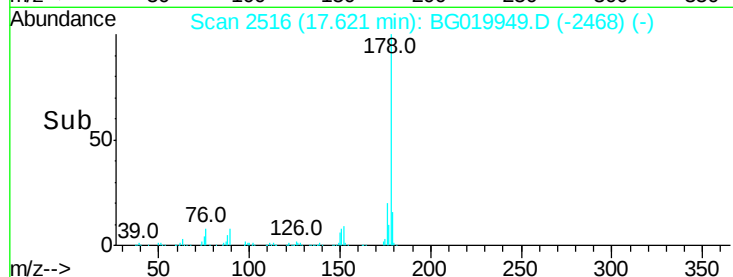
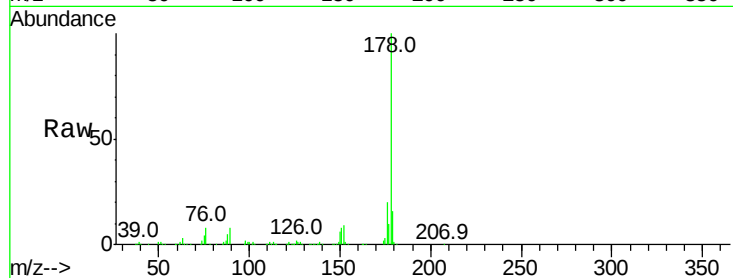
#71
 Anthracene
 Concen: 39.31 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.8	25.2
179	16.4	13.9	20.9

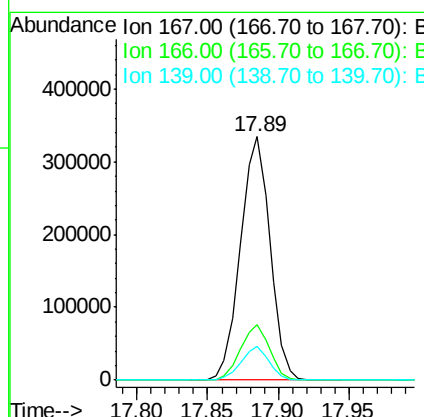
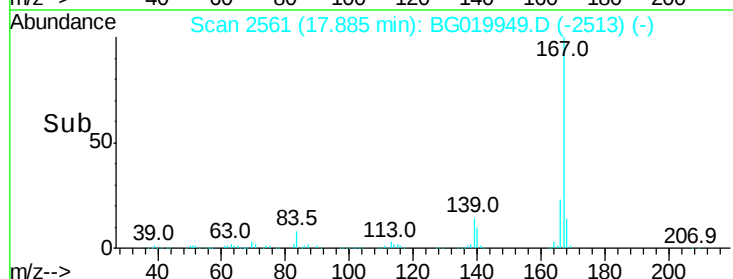
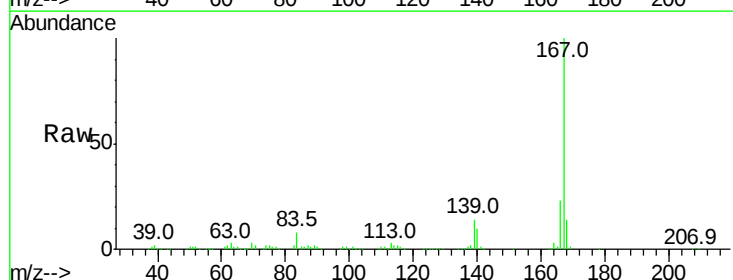
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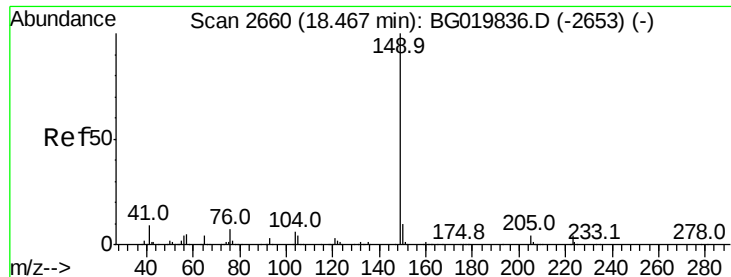
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#72
 Carbazole
 Concen: 40.16 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.0	28.6
139	14.0	10.2	15.4





#73

Di-n-butylphthalate

Concen: 39.23 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

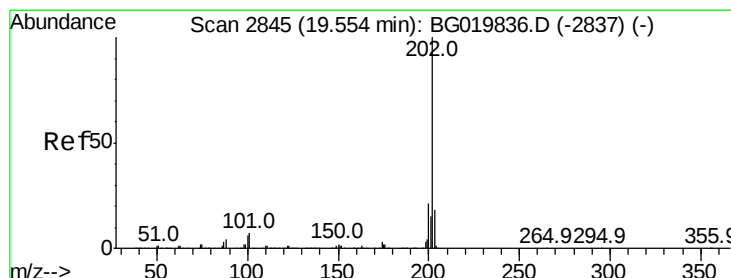
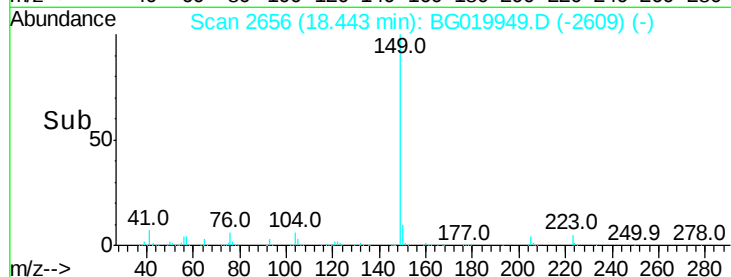
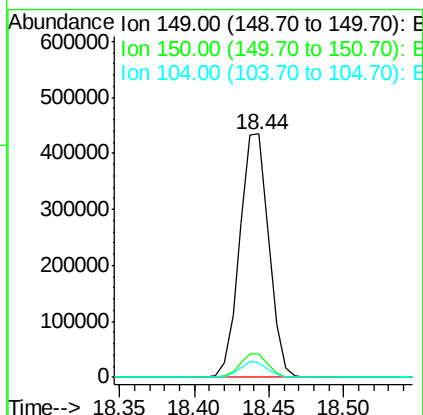
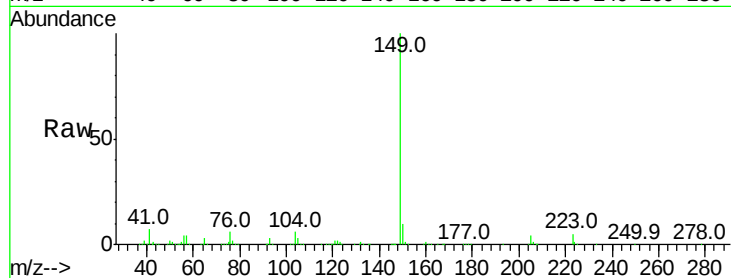
ClientSampleId :

PB86943BS

Tot Ion:	149	Resp:	586953
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.2	12.4
104	5.8	4.4	6.6

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#74

Fluoranthene

Concen: 39.34 ng

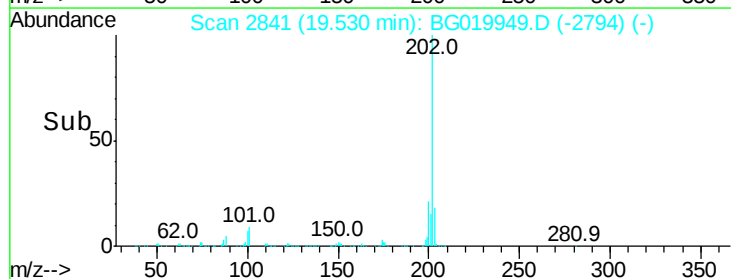
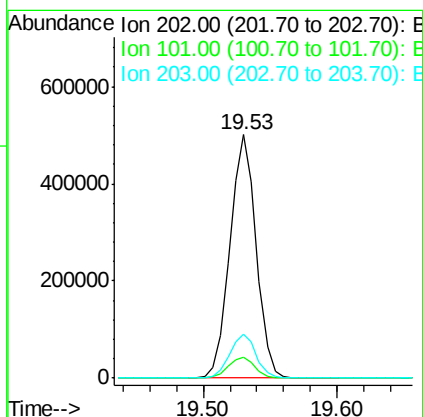
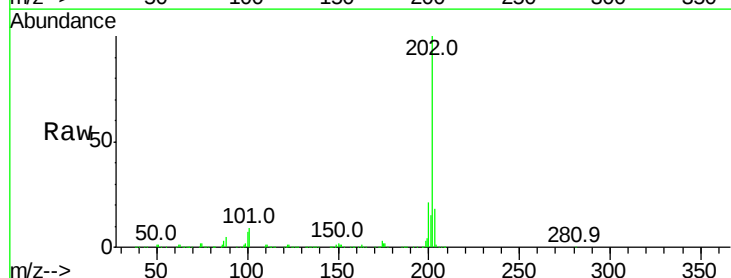
RT: 19.53 min Scan# 2841

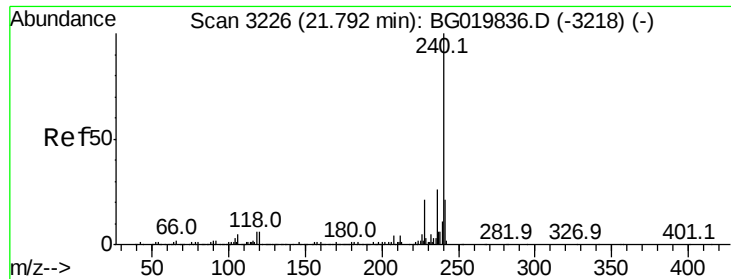
Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:	202	Resp:	684490
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	32.4
203	18.0	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

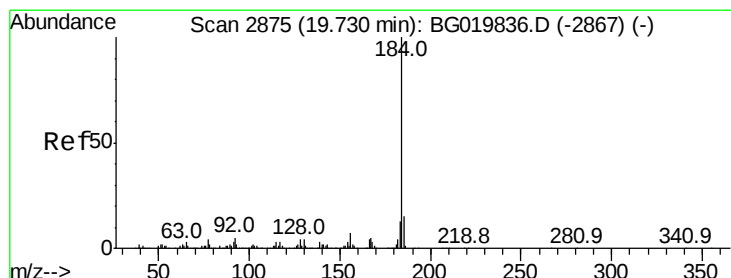
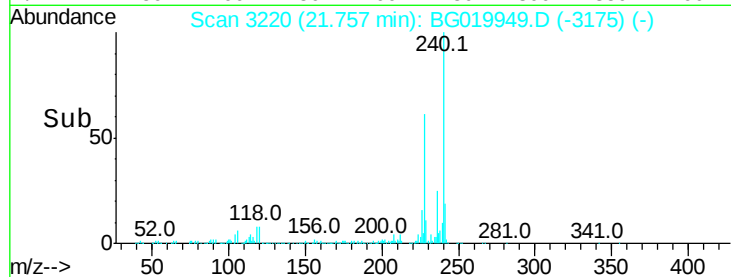
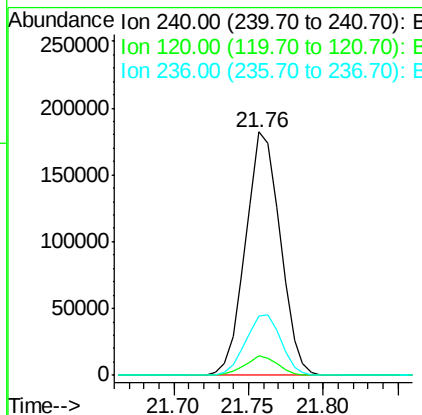
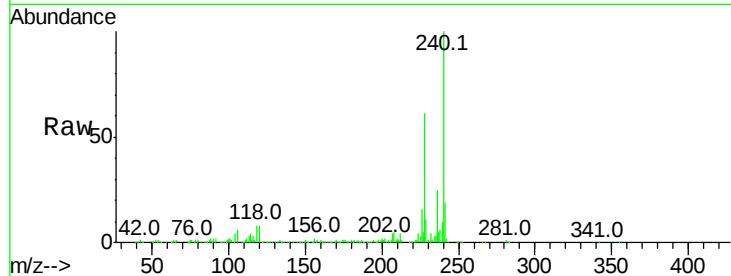
ClientSampleId :

PB86943BS

Tot Ion:	240	Resp:	292015
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.4	11.0
236	24.6	20.7	31.1

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#76

Benzidine

Concen: 20.93 ng

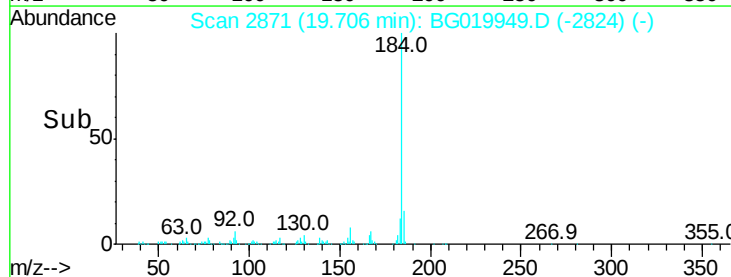
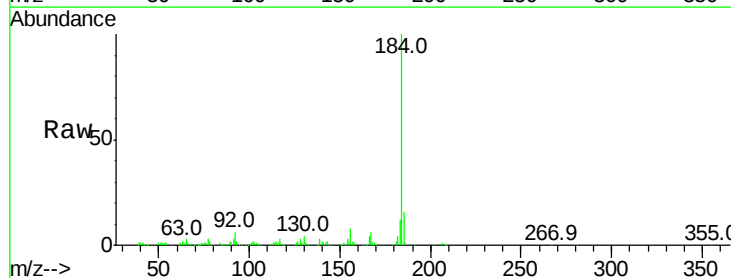
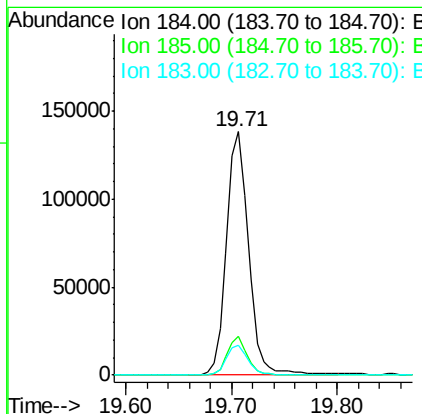
RT: 19.71 min Scan# 2871

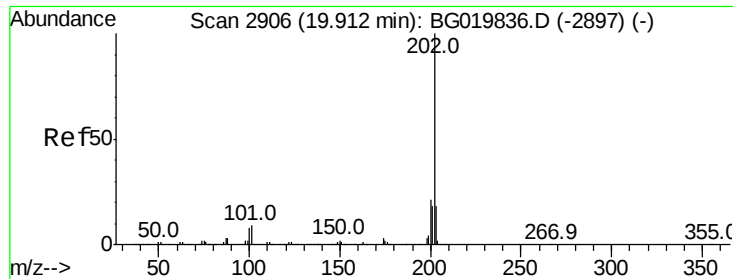
Delta R.T. -0.02 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:	184	Resp:	200768
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.4	20.2
183	12.1	10.1	15.1





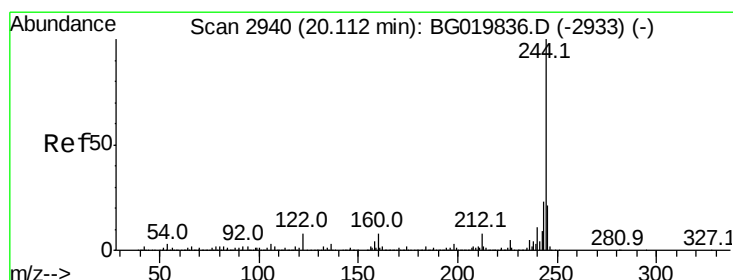
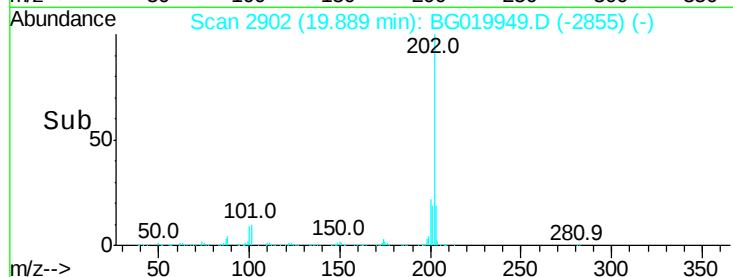
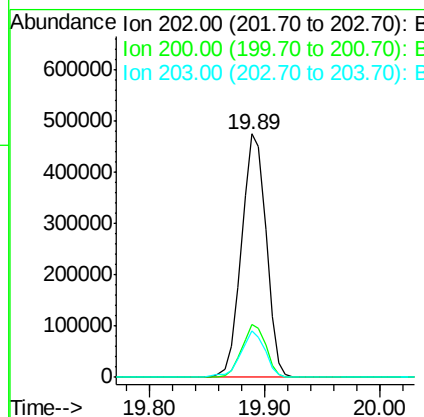
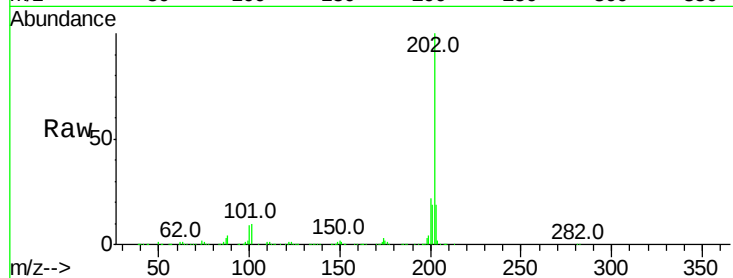
#77
Pvrene
Concen: 40.79 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

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

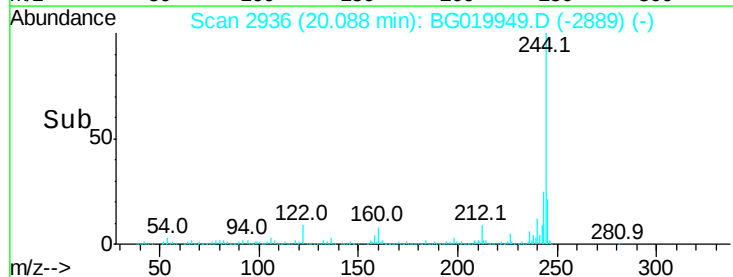
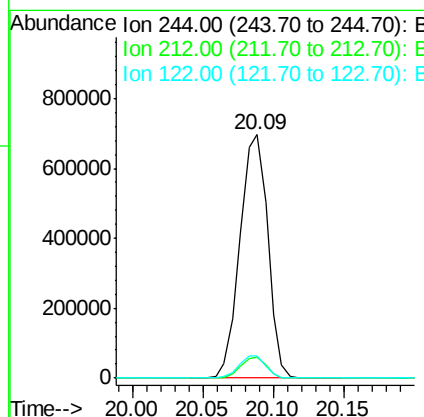
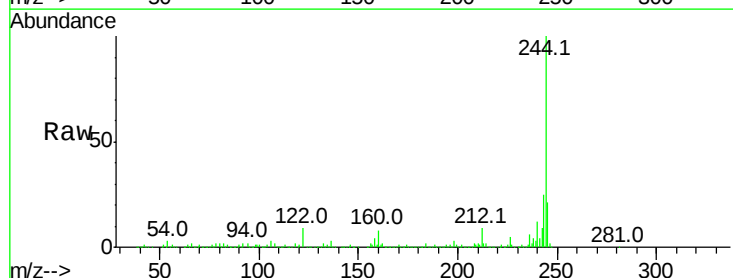
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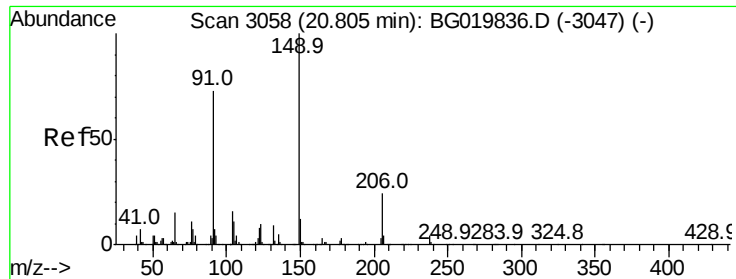
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#78
Terphenyl-d14
Concen: 80.07 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	9.2	10.2	15.2#





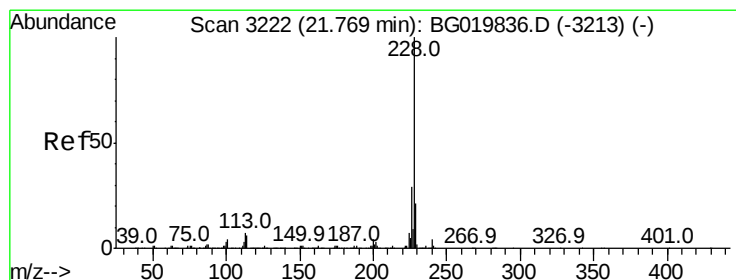
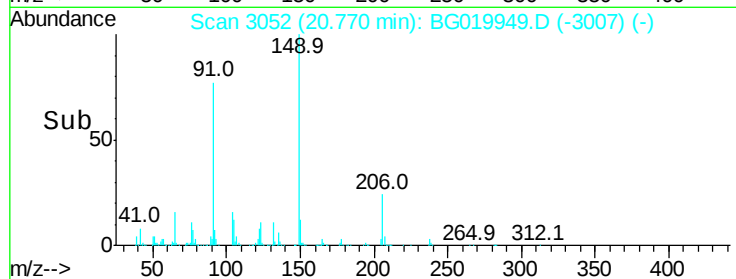
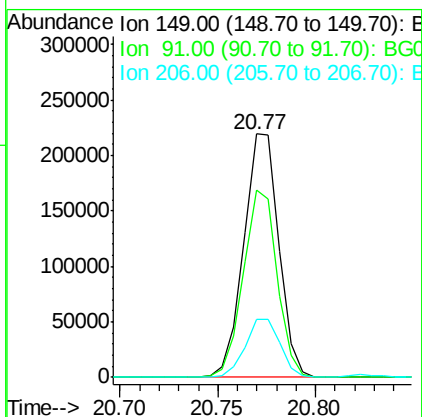
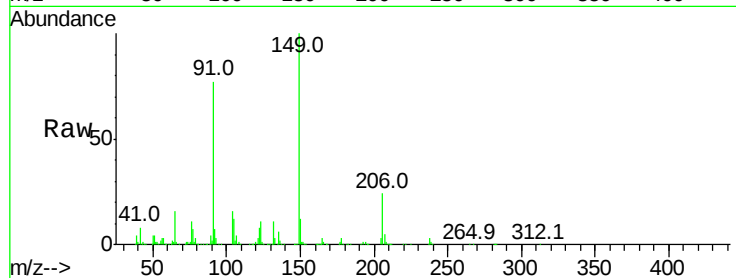
#79
Butylbenzylphthalate
Concen: 40.55 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.04 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	273024		
91	77.0	58.1	87.1	
206	23.8	17.8	26.8	

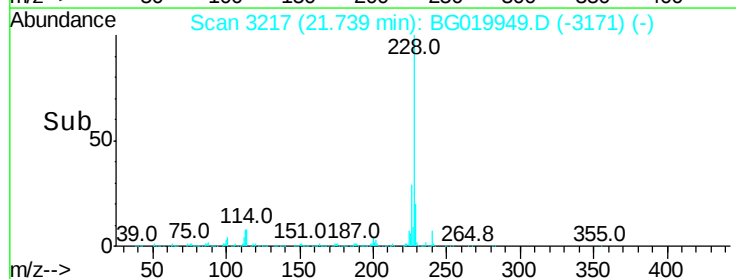
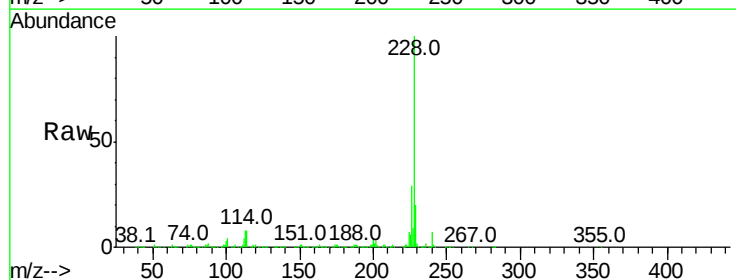
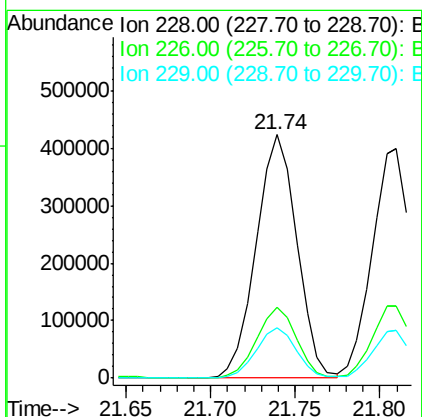
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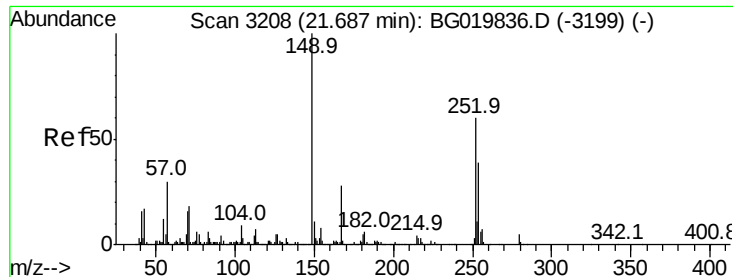
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#80
Benzo(a)anthracene
Concen: 39.52 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	706402		
226	29.2	23.4	35.0	
229	20.5	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 23.90 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.04 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

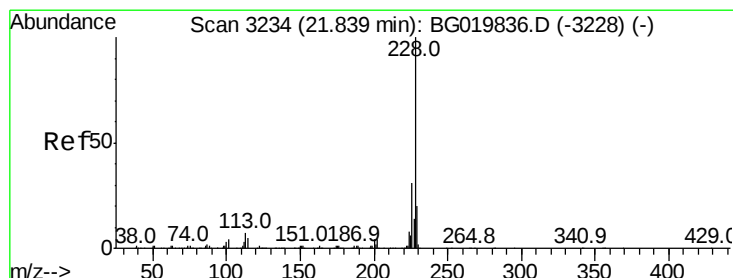
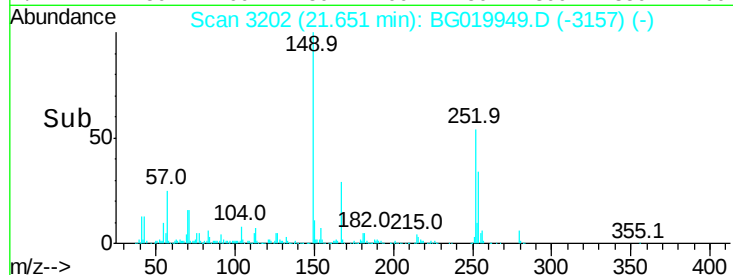
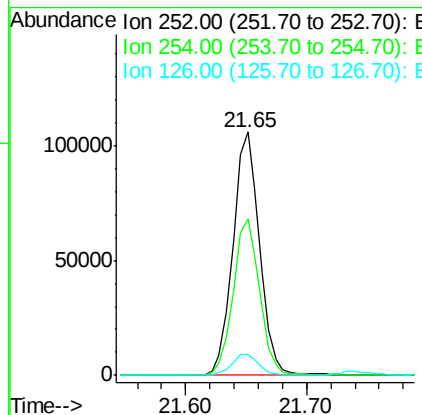
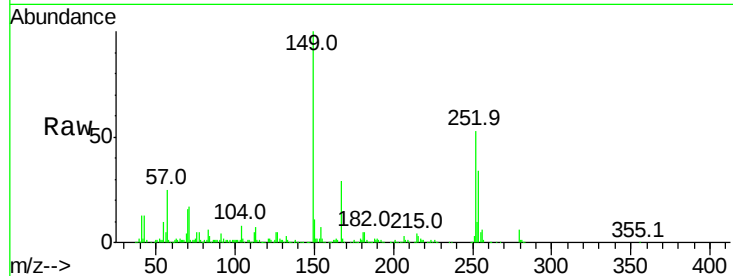
ClientSampleId :

PB86943BS

Tot Ion:	252	Resp:	162680
Ion Ratio	Lower	Upper	
252	100		
254	64.2	52.5	78.7
126	8.6	8.5	12.7

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#82

Chrysene

Concen: 37.83 ng

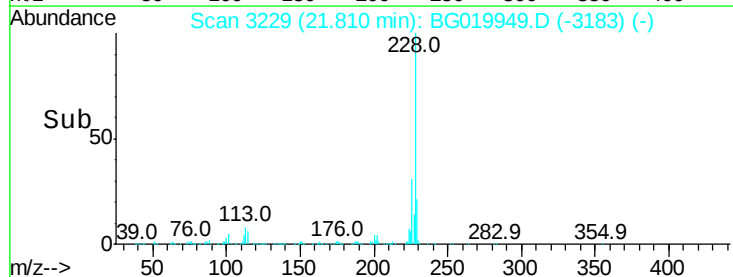
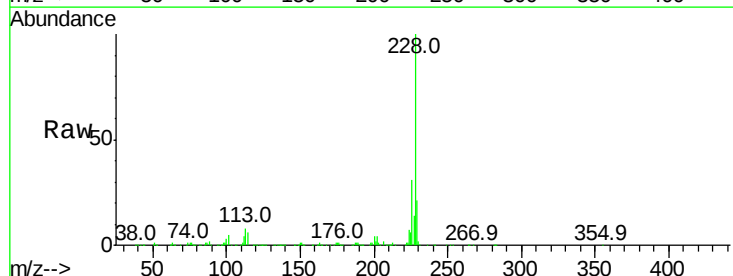
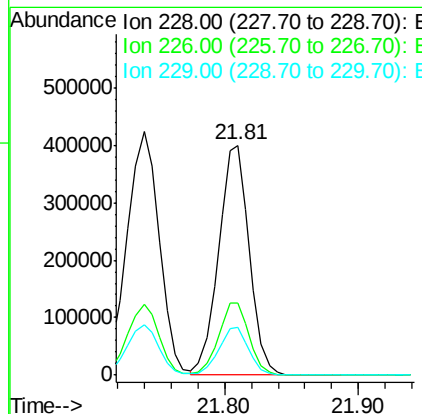
RT: 21.81 min Scan# 3229

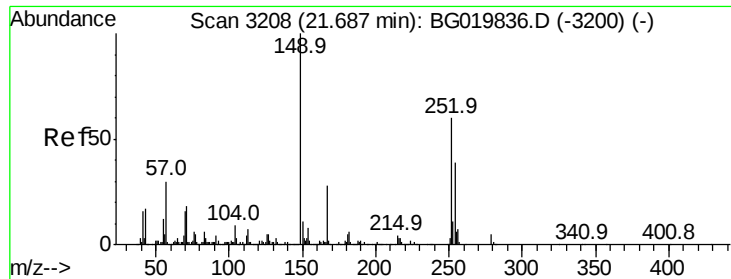
Delta R.T. -0.03 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:	228	Resp:	641967
Ion Ratio	Lower	Upper	
228	100		
226	31.3	26.7	40.1
229	20.8	17.0	25.6





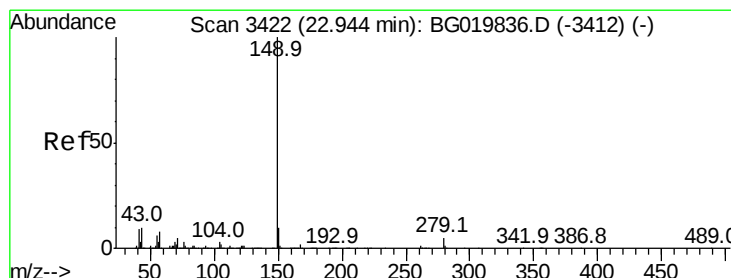
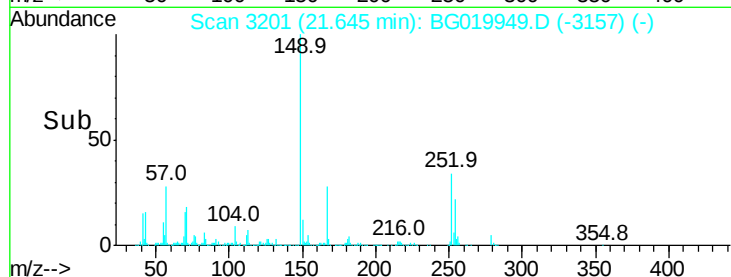
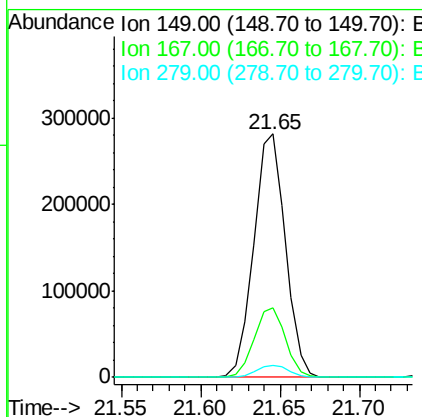
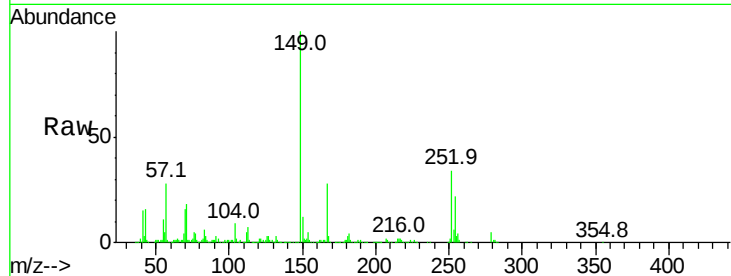
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.66 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.5	23.8	35.8	
279	5.2	3.4	5.2	

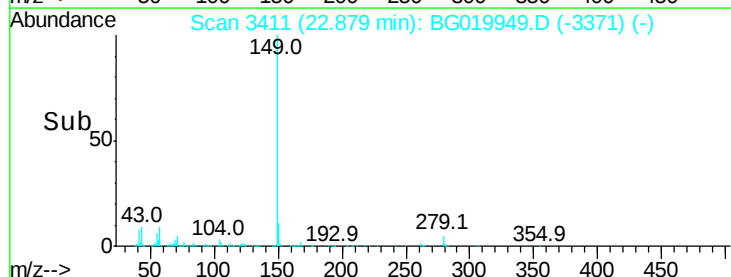
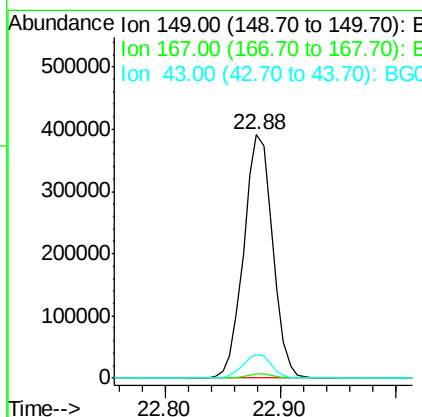
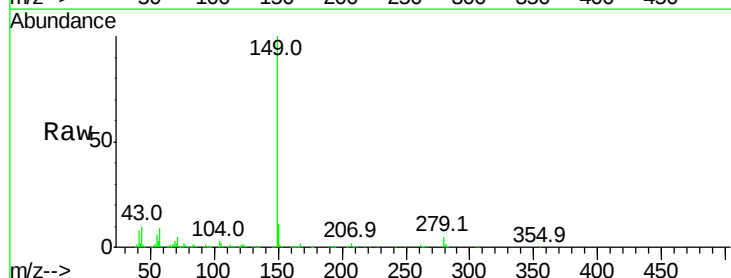
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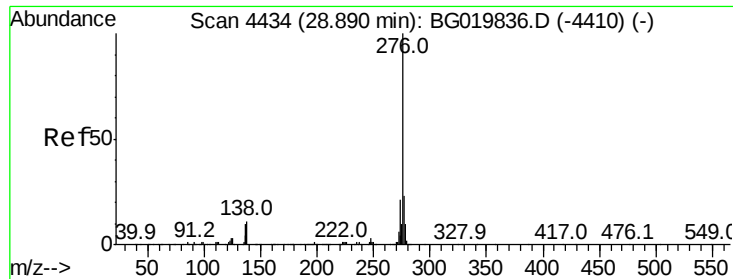
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#84
 Di-n-octyl phthalate
 Concen: 42.25 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.06 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

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





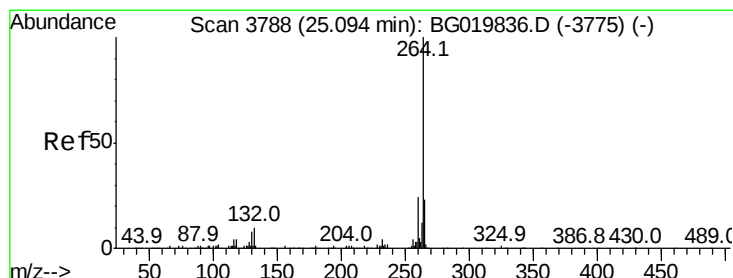
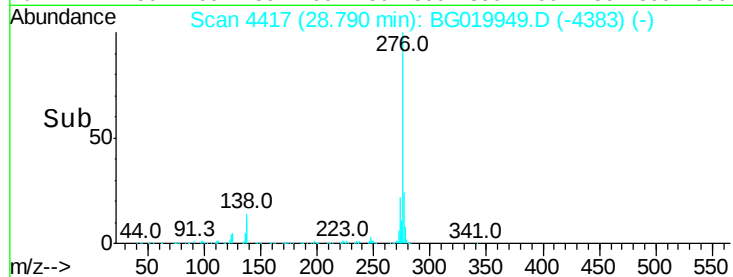
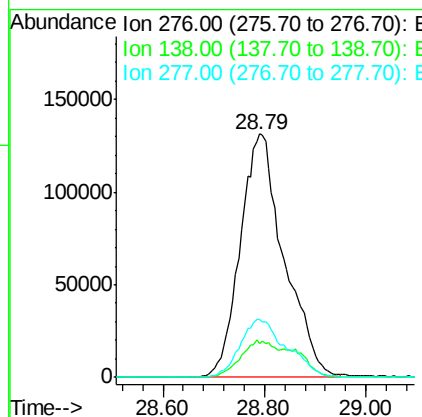
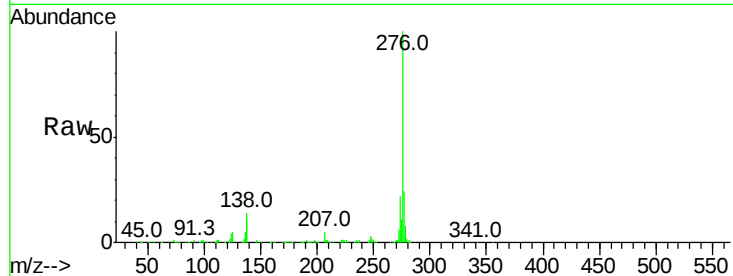
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.16 ng
 RT: 28.79 min Scan# 4417
 Delta R.T. -0.10 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	12.3	0.0	0.0#
277	25.3	0.0	0.0#

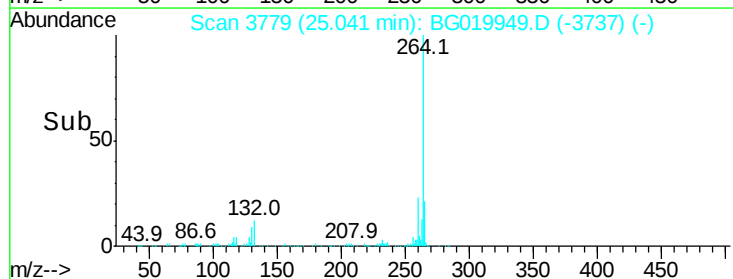
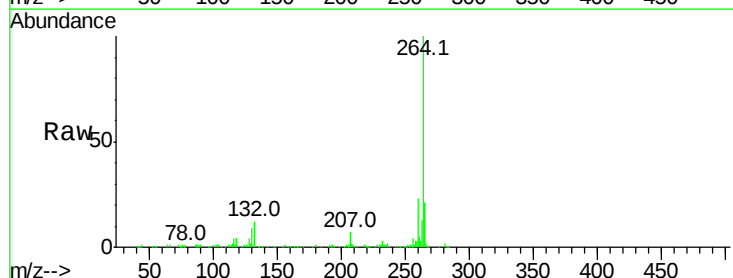
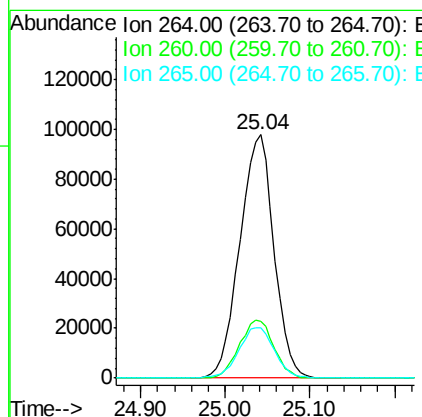
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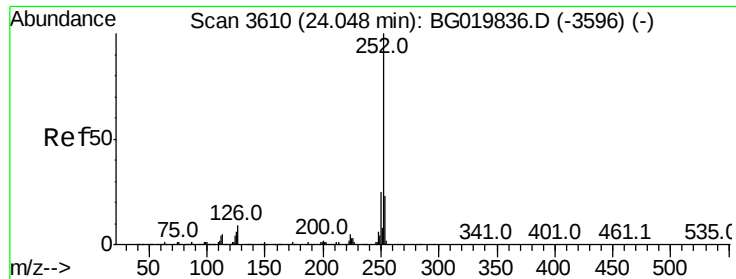
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	18.5	27.7
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.39 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

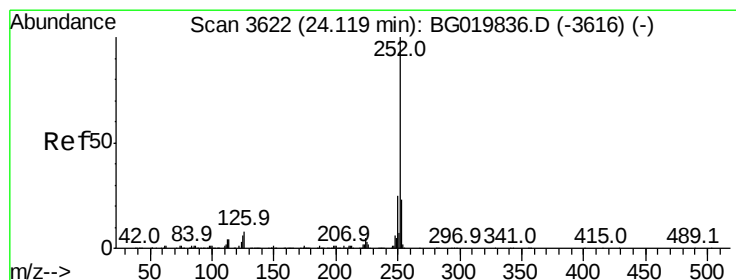
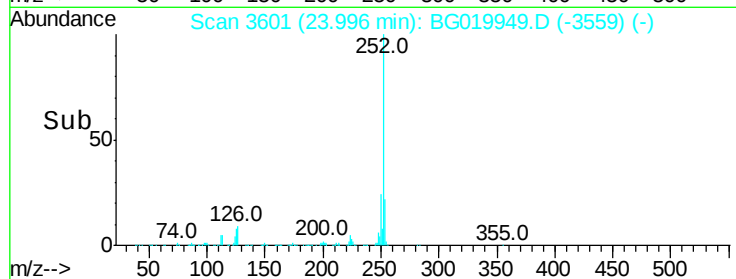
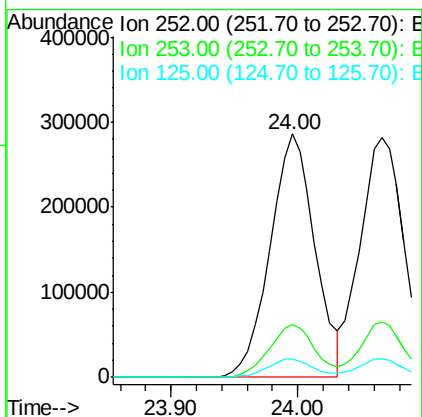
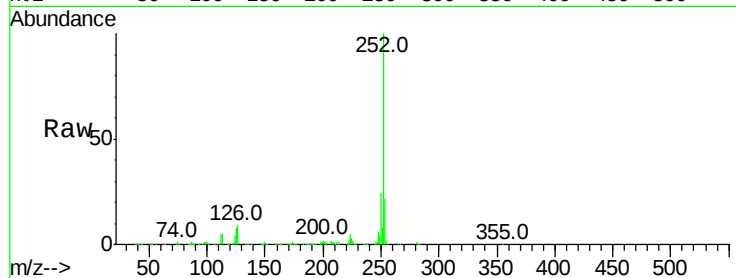
ClientSampleId :

PB86943BS

Tot Ion:	252	Resp:	700419
Ion Ratio	Lower	Upper	
252	100		
253	21.9	19.1	28.7
125	7.6	8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 39.02 ng

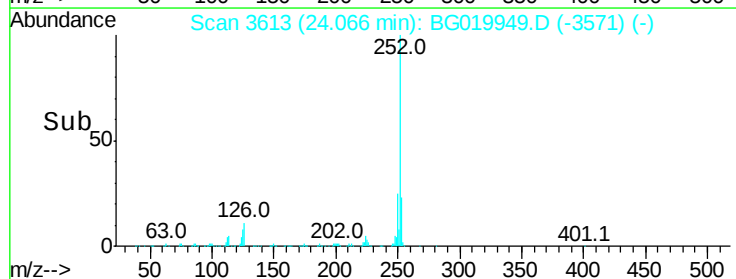
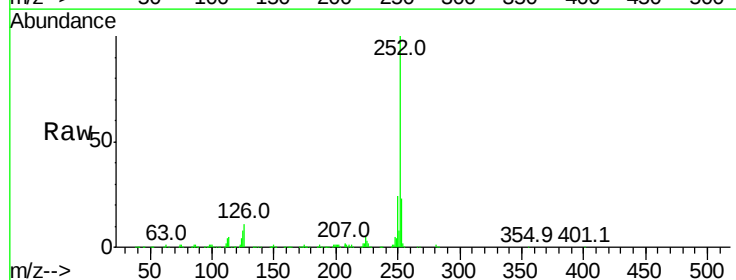
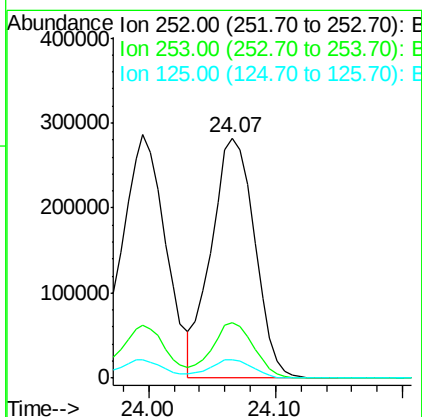
RT: 24.07 min Scan# 3613

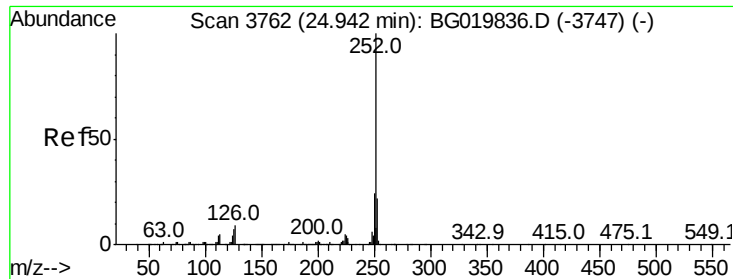
Delta R.T. -0.05 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion:	252	Resp:	670126
Ion Ratio	Lower	Upper	
252	100		
253	23.0	19.0	28.4
125	7.7	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 40.04 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Instrument :

BNA_G

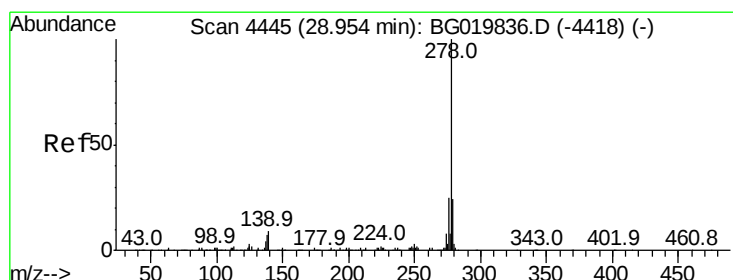
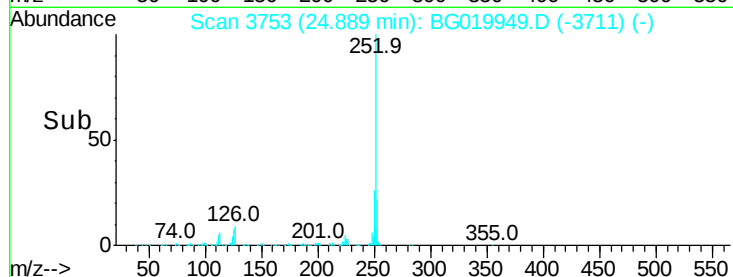
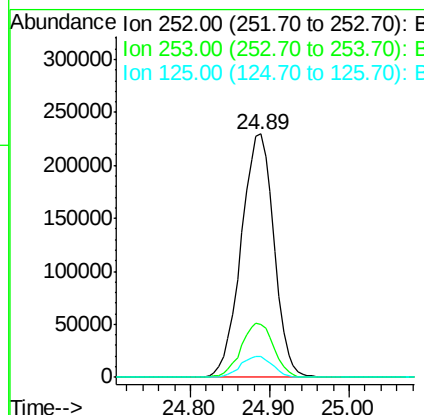
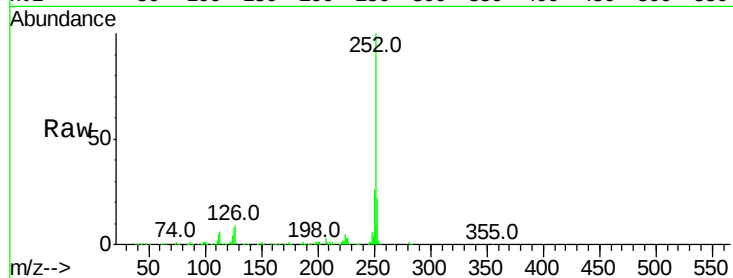
ClientSampleId :

PB86943BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	659257		
253	21.9	18.7	28.1	
125	8.5	9.1	13.7	

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#90

Dibenzo(a,h)anthracene

Concen: 40.02 ng

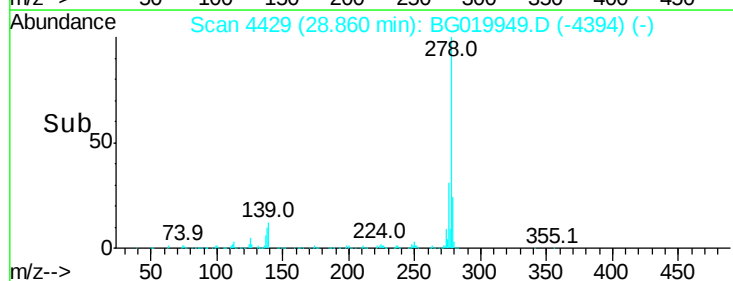
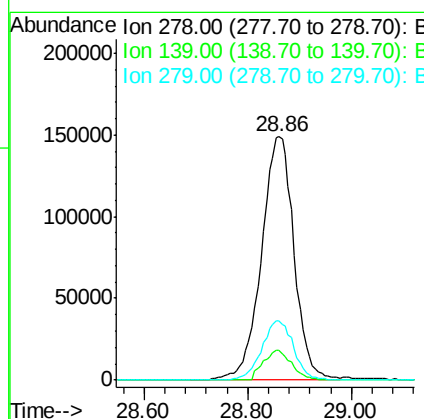
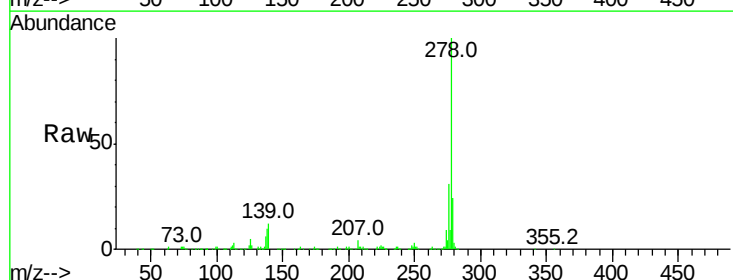
RT: 28.86 min Scan# 4429

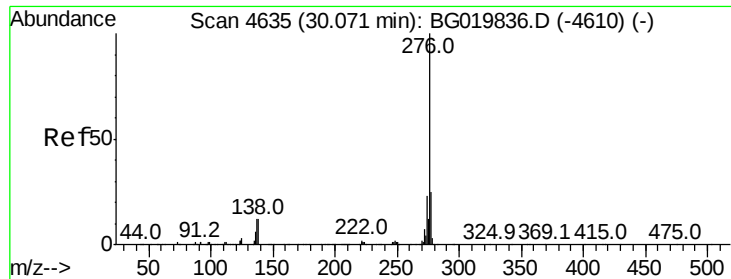
Delta R.T. -0.09 min

Lab File: BG019949.D

Acq: 5 Dec 2015 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	650930		
139	12.3	13.8	20.6	
279	24.3	19.4	29.0	





#91
 Benzo(a,h,i)perylene
 Concen: 40.39 ng
 RT: 29.96 min Scan# 4616
 Delta R.T. -0.11 min
 Lab File: BG019949.D
 Acq: 5 Dec 2015 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB86943BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	18.4	27.6
138	15.3	17.4	26.0#

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:43 PM

