

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019947.D
 Acq On : 5 Dec 2015 18:17
 Operator : UM/NP
 Sample : PB87054BSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:41 PM

Quant Time: Dec 07 02:28:14 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	50351	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	220507	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	162099	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	416371	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	509987	20.00	ng	-0.03
86) Perylene-d12	25.04	264	490242	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	205782	73.87	ng	-0.01
7) Phenol-d6	7.26	99	298781	71.03	ng	-0.01
23) Nitrobenzene-d5	9.28	82	191884	44.41	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	154221	62.18	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	461040	38.83	ng	-0.02
78) Terphenyl-d14	20.09	244	856077	40.94	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	21546	19.85	ng	# 100
3) Pyridine	3.92	79	67746	20.55	ng	90
4) n-Nitrosodimethylamine	3.84	42	33808	19.50	ng	89
6) Aniline	7.43	93	65400	12.01	ng	# 88
8) 2-Chlorophenol	7.67	128	78090	22.99	ng	94
9) Benzaldehyde	7.24	77	26609	9.49	ng	92
10) Phenol	7.29	94	106184	23.99	ng	82
11) bis(2-Chloroethyl)ether	7.53	93	70721	21.57	ng	91
12) 1,3-Dichlorobenzene	8.00	146	78874	20.48	ng	# 93
13) 1,4-Dichlorobenzene	8.15	146	79777	20.06	ng	# 94
14) 1,2-Dichlorobenzene	8.47	146	78646	20.73	ng	# 90
15) Benzyl Alcohol	8.35	79	81705	22.14	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	108533	20.30	ng	93
17) 2-Methylphenol	8.55	107	73622	23.56	ng	# 90
18) Hexachloroethane	9.21	117	30589	20.54	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	65937	19.88	ng	91
20) 3+4-Methylphenols	8.88	107	101668	23.10	ng	95
22) Acetophenone	8.94	105	118250	19.56	ng	# 91
24) Nitrobenzene	9.32	77	99776	21.29	ng	# 88
25) Isophorone	9.85	82	178459	19.27	ng	97
26) 2-Nitrophenol	10.04	139	43040	23.78	ng	# 76
27) 2,4-Dimethylphenol	10.09	122	86132	22.85	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	102402	22.62	ng	98
29) 2,4-Dichlorophenol	10.58	162	90534	23.51	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	87058	20.00	ng	95
31) Naphthalene	10.99	128	244356	20.69	ng	100
32) Benzoic acid	10.21	122	59438	26.47	ng	89
33) 4-Chloroaniline	11.09	127	40202	7.72	ng	# 92
34) Hexachlorobutadiene	11.27	225	59291	18.47	ng	96
35) Caprolactam	11.86	113	32140m	22.42	ng	
36) 4-Chloro-3-methylphenol	12.19	107	105717	22.04	ng	95
37) 2-Methylnaphthalene	12.58	142	186374	21.53	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	115570	18.79	ng	98
40) Hexachlorocyclopentadiene	12.93	237	128735	36.70	ng	97

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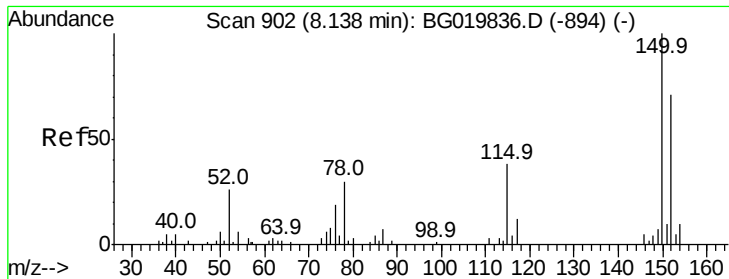
Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:31:41 PM

Quant Time: Dec 07 02:28:14 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	83045	20.39	nq	96
43) 2,4,5-Trichlorophenol	13.25	196	94545	21.96	nq	95
45) 1,1'-Biphenyl	13.58	154	250298	18.82	nq	99
46) 2-Chloronaphthalene	13.62	162	203126	19.81	nq	96
47) 2-Nitroaniline	13.82	65	77035	23.79	nq	87
48) Acenaphthylene	14.47	152	344398	19.72	nq	98
49) Dimethylphthalate	14.19	163	284786	19.53	nq	98
50) 2,6-Dinitrotoluene	14.31	165	62183	22.68	nq	# 82
51) Acenaphthene	14.81	154	236321	22.30	nq	98
52) 3-Nitroaniline	14.64	138	41587	14.60	nq	99
53) 2,4-Dinitrophenol	14.84	184	63150	47.54	nq	# 83
54) Dibenzofuran	15.14	168	343162	21.77	nq	93
55) 4-Nitrophenol	14.94	139	107381	43.29	nq	# 69
56) 2,4-Dinitrotoluene	15.10	165	91207	23.85	nq	# 94
57) Fluorene	15.79	166	280555	19.88	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	89602	22.49	nq	97
59) Diethylphthalate	15.55	149	301461	19.10	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	153661	18.96	nq	96
61) 4-Nitroaniline	15.80	138	69756	21.78	nq	# 82
62) Azobenzene	16.07	77	285500	21.74	nq	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	52886	25.84	nq	91
65) n-Nitrosodiphenylamine	15.99	169	258858	21.48	nq	95
66) 4-Bromophenyl-phenylether	16.67	248	102556	19.82	nq	96
67) Hexachlorobenzene	16.79	284	113976	21.15	nq	99
68) Atrazine	16.93	200	109573	20.93	nq	98
69) Pentachlorophenol	17.13	266	143907	45.75	nq	98
70) Phenanthrene	17.53	178	489061	20.76	nq	96
71) Anthracene	17.62	178	504375	21.02	nq	96
72) Carbazole	17.88	167	453233	21.44	nq	99
73) Di-n-butylphthalate	18.44	149	540620	20.87	nq	98
74) Fluoranthene	19.53	202	619809	20.57	nq	95
76) Benzidine	19.71	184	128570	7.67	nq	98
77) Pyrene	19.89	202	644332	21.48	nq	96
79) Butylbenzylphthalate	20.77	149	248449	21.13	nq	98
80) Benzo(a)anthracene	21.74	228	649929	20.82	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	131264	11.04	nq	97
82) Chrysene	21.81	228	586004	19.77	nq	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	360019	20.86	nq	98
84) Di-n-octyl phthalate	22.88	149	618988	22.06	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.79	276	717556	21.98	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	633954	20.40	nq	# 97
88) Benzo(k)fluoranthene	24.07	252	606824	19.72	nq	# 97
89) Benzo(a)pyrene	24.88	252	603325	20.45	nq	# 96
90) Dibenzo(a,h)anthracene	28.86	278	593163	20.35	nq	# 93
91) Benzo(g,h,i)perylene	29.96	276	587476	20.53	nq	95

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



#1

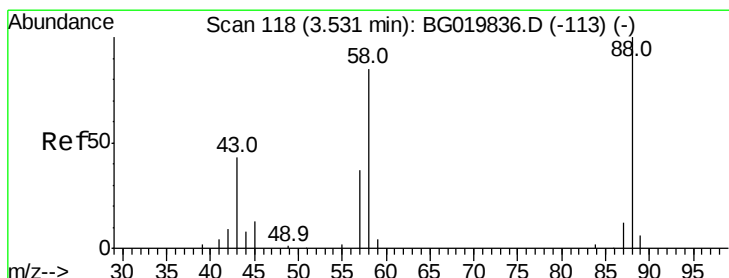
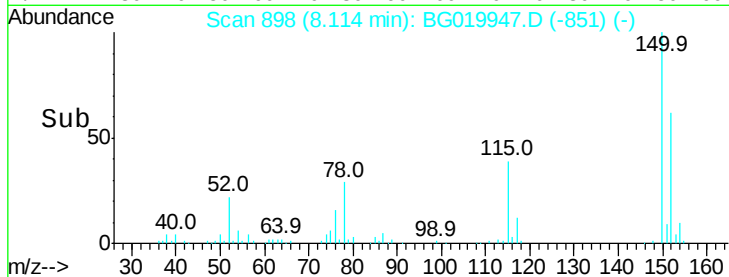
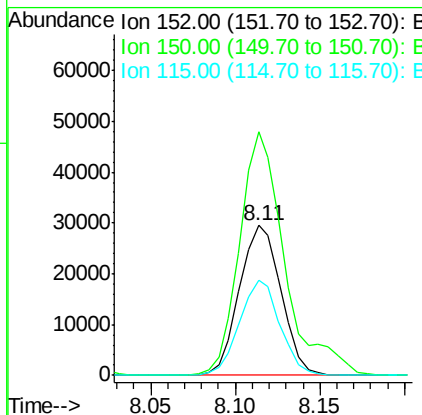
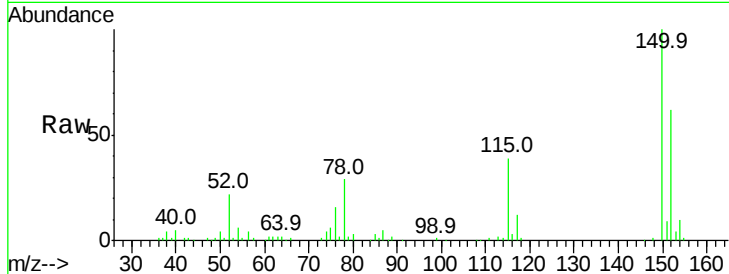
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	115.0	172.4
115	63.1	43.9	65.9

Manual Integrations
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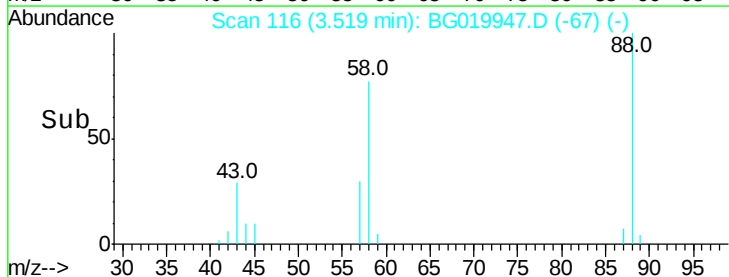
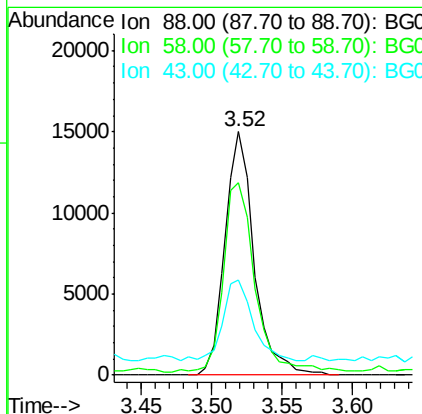
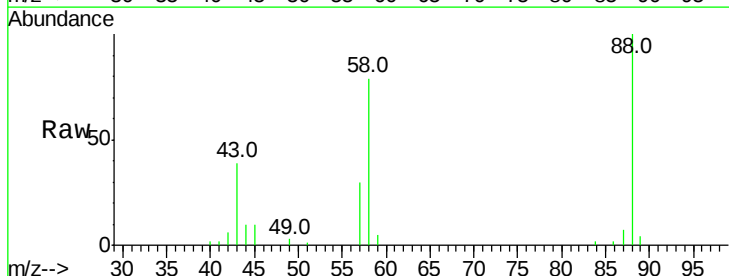
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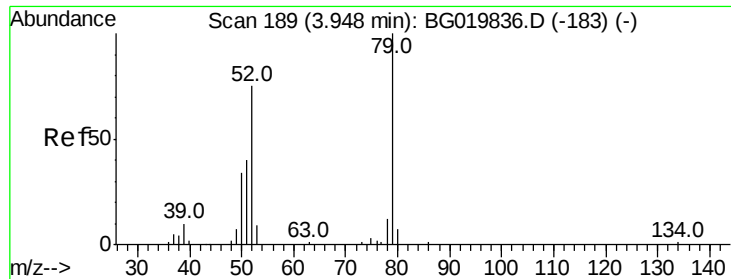


#2

1,4-Dioxane
Concen: 19.85 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	0.0	0.0#
43	34.7	0.0	0.0#





#3

Pvridine

Concen: 20.55 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

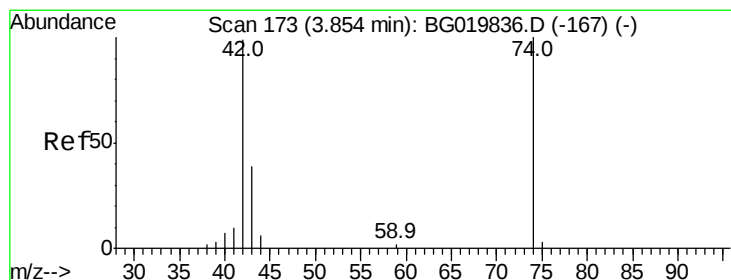
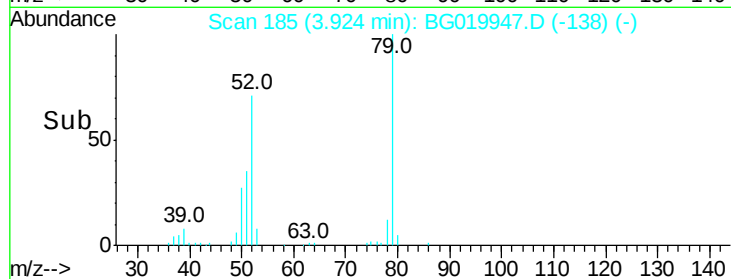
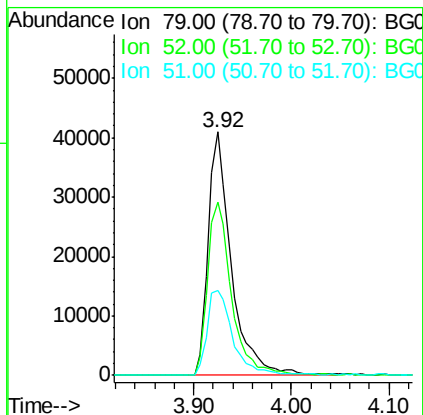
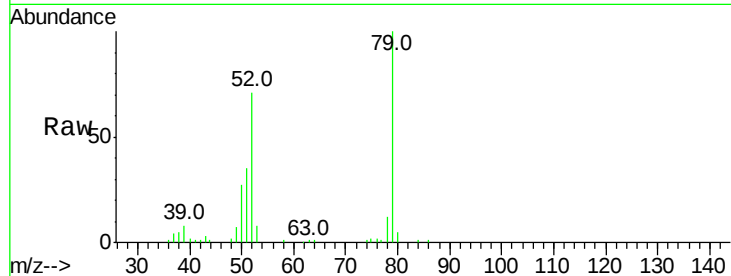
ClientSampleId :

PB87054BSD

Manual Integrations
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Tot Ion:	79	Resp:	67746
Ion Ratio	Lower	Upper	
79	100		
52	71.2	50.3	75.5
51	35.0	24.8	37.2



#4

n-Nitrosodimethylamine

Concen: 19.50 ng

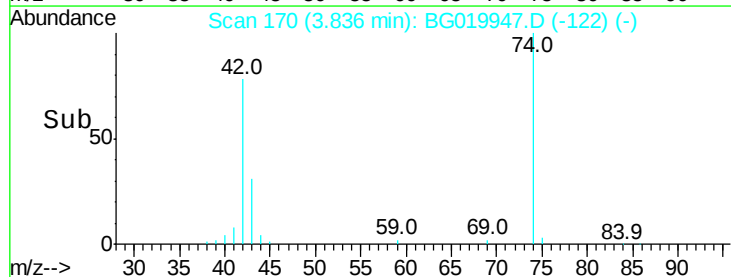
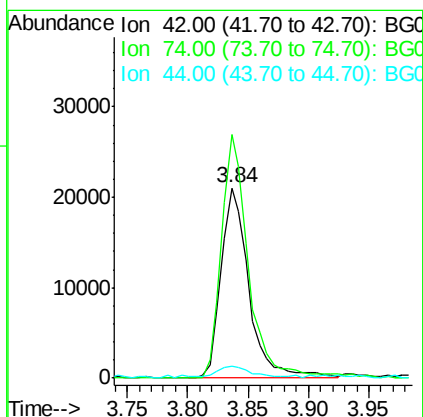
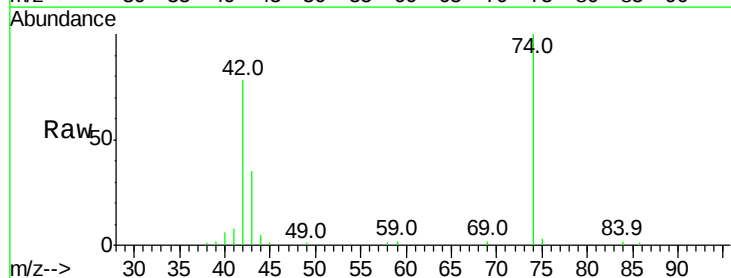
RT: 3.84 min Scan# 170

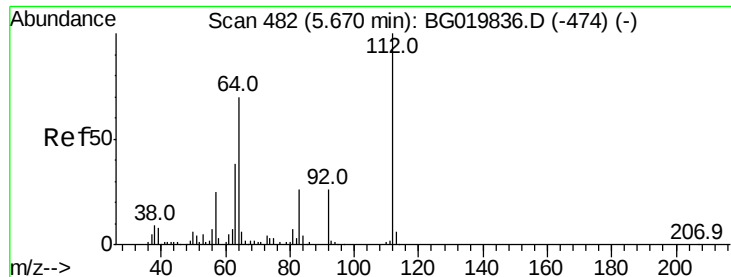
Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	42	Resp:	33808
Ion Ratio	Lower	Upper	
42	100		
74	128.0	113.9	170.9
44	6.3	5.7	8.5





#5

2-Fluorophenol

Concen: 73.87 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

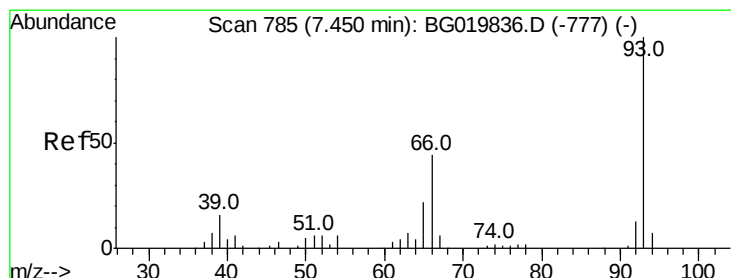
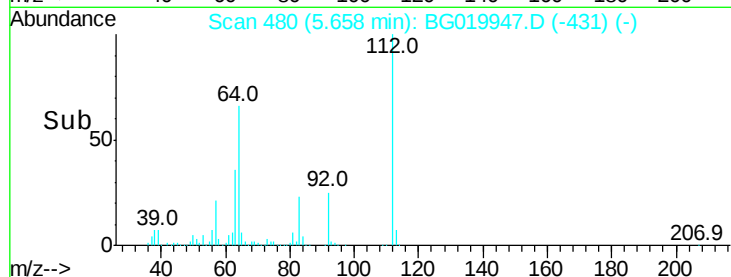
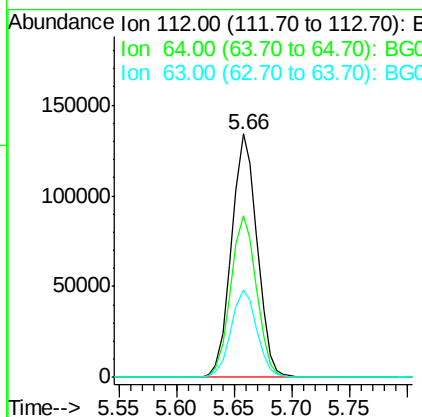
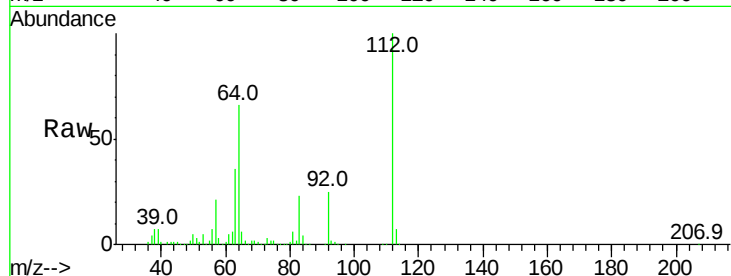
ClientSampleId :

PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	205782		
64	66.5	43.7	65.5#	
63	35.8	24.0	36.0	

Manual Integrations
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#6

Aniline

Concen: 12.01 ng

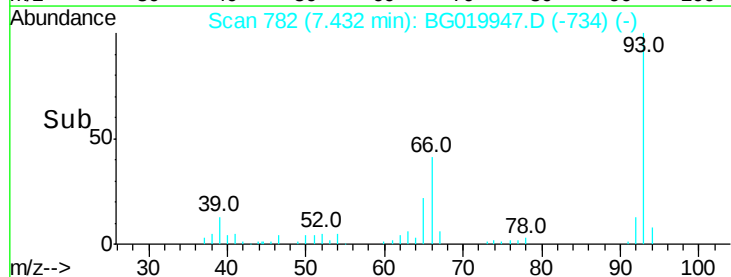
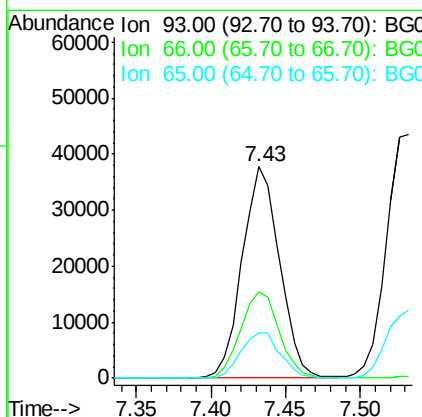
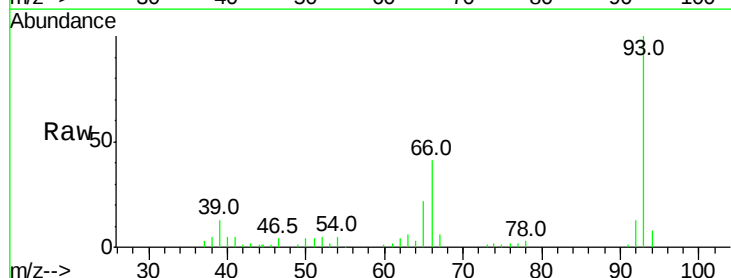
RT: 7.43 min Scan# 782

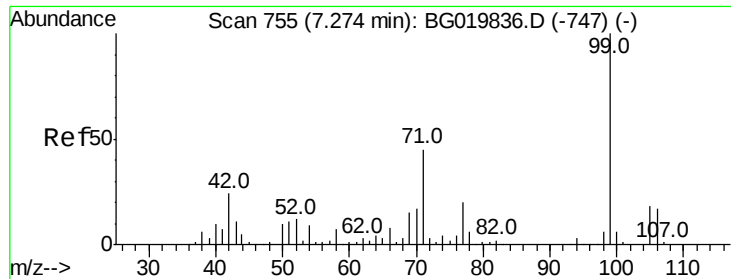
Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	65400		
66	40.6	26.2	39.2#	
65	21.6	14.0	21.0#	





#7

Phenol-d6

Concen: 71.03 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampleId :

PB87054BSD

Tot Ion: 99 Resp: 298781
Ion Ratio Lower Upper

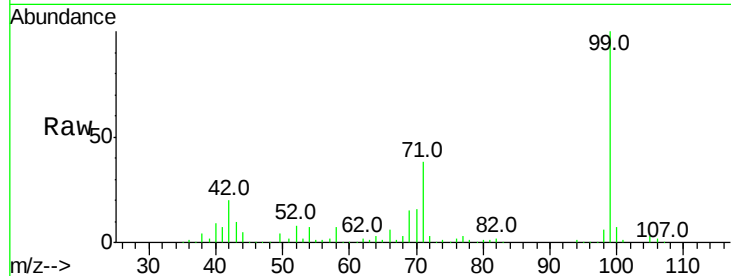
99 100

42 20.0 11.5 17.3#

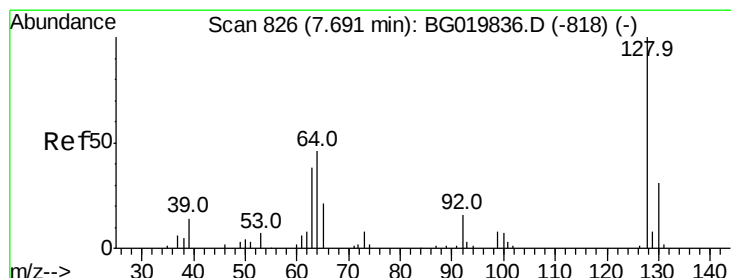
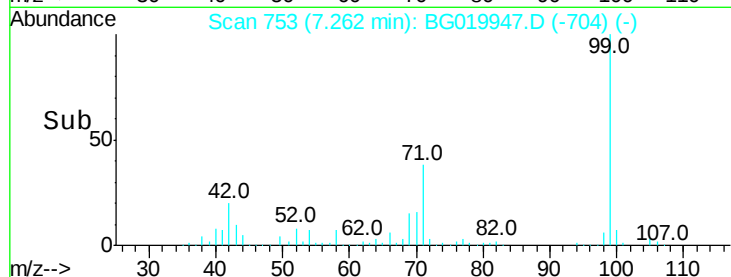
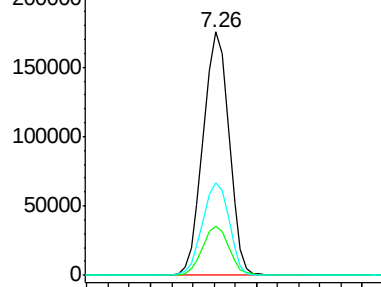
71 38.2 22.6 34.0#

Manual Integrations
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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: 22.99 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019947.D

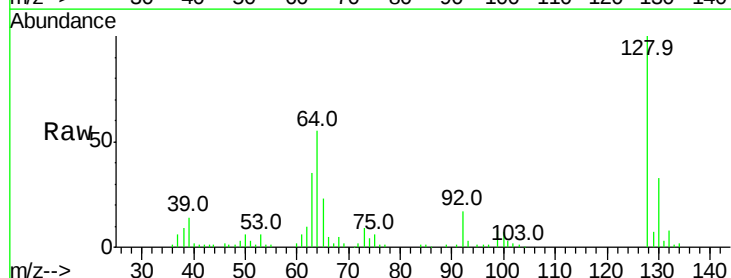
Acq: 5 Dec 2015 18:17

Tgt Ion: 128 Resp: 78090
Ion Ratio Lower Upper

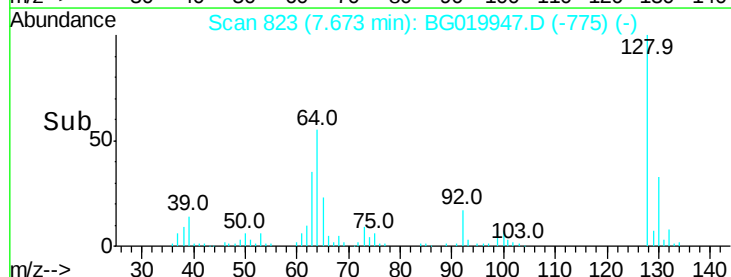
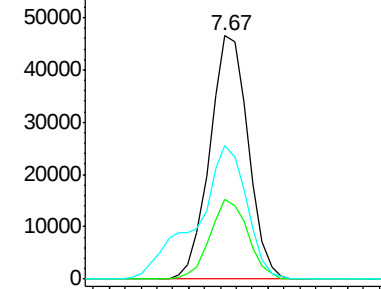
128 100

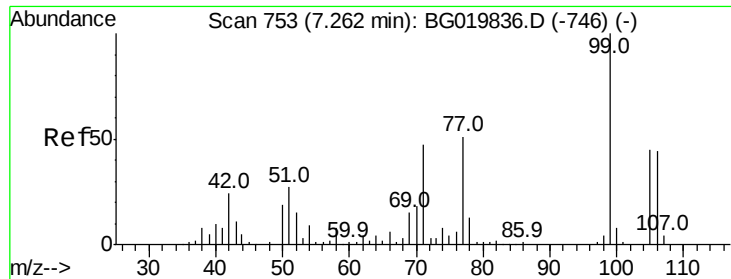
130 32.8 13.0 53.0

64 54.9 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





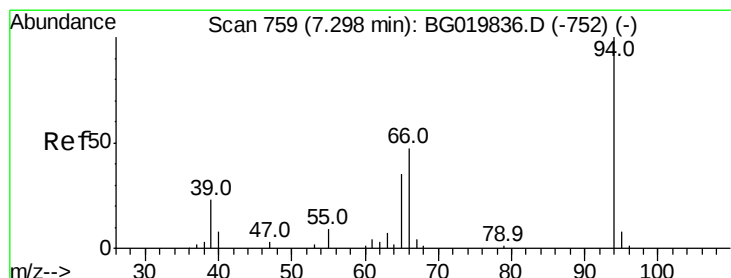
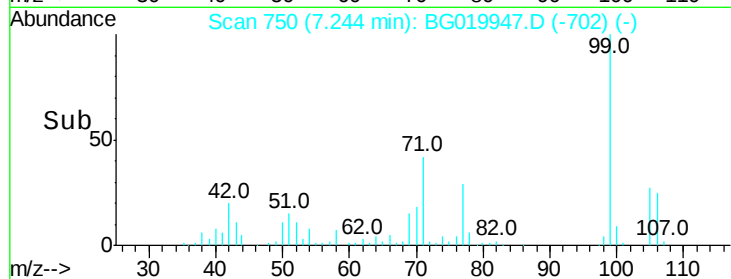
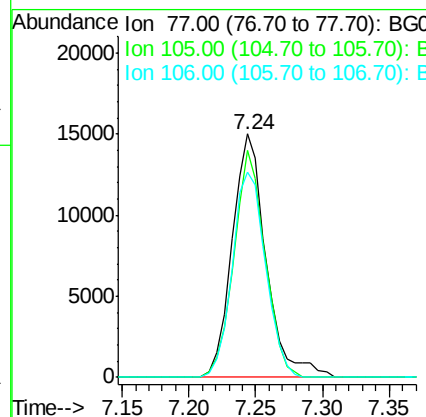
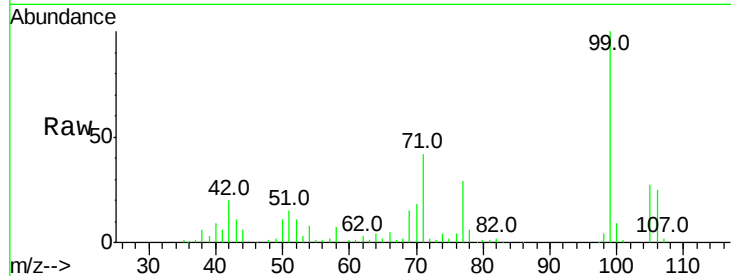
#9
Benzaldehyde
Concen: 9.49 ng
RT: 7.24 min Scan# 750
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.0	77.7	117.7
106	84.0	75.8	115.8

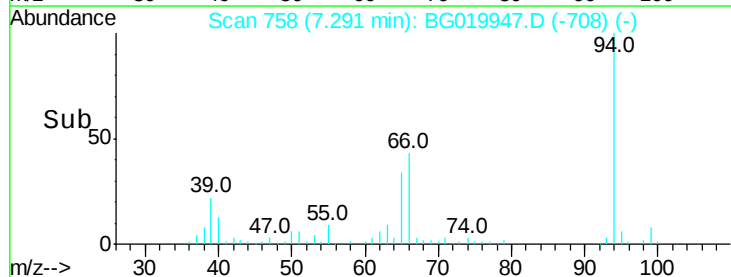
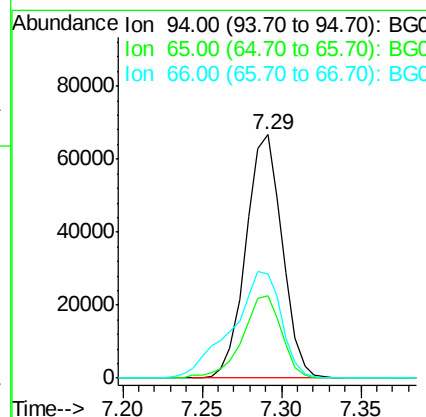
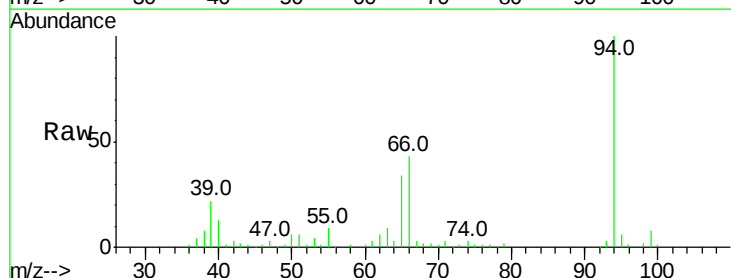
Manual Integrations
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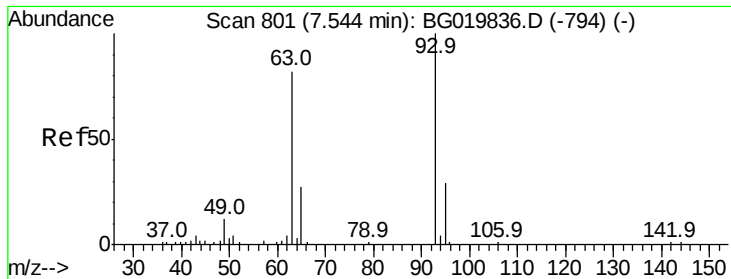
Mmdadoda
12/7/2015 6:31:41 PM



#10
Phenol
Concen: 23.99 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.6	5.4	45.4
66	42.9	11.8	51.8





#11

bis(2-Chloroethyl)ether

Concen: 21.57 ng

RT: 7.53 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

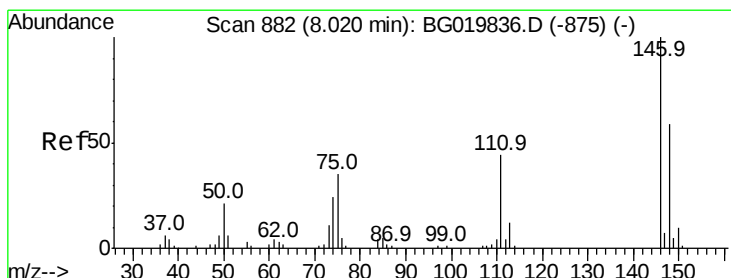
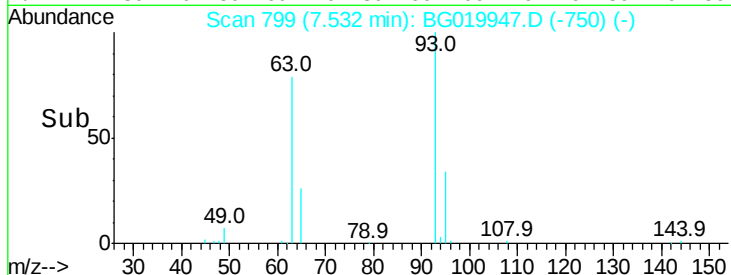
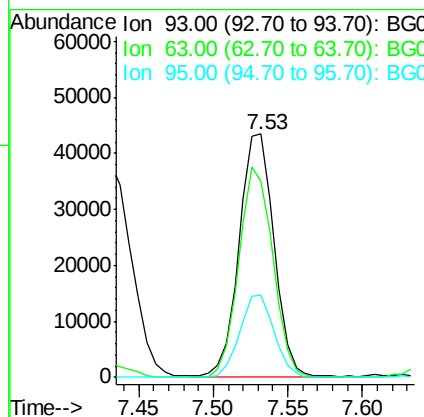
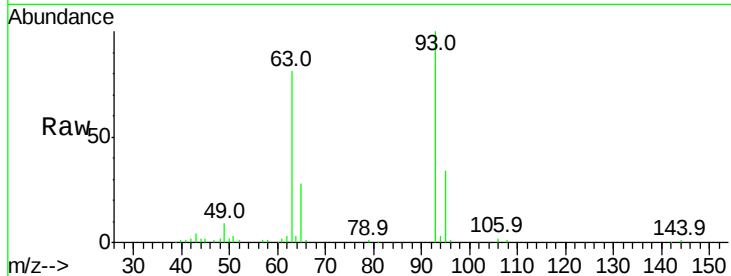
ClientSampleId :

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Tot Ion:	93	Resp:	70721
Ion	Ratio	Lower	Upper
93	100		
63	80.7	50.5	90.5
95	33.9	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 20.48 ng

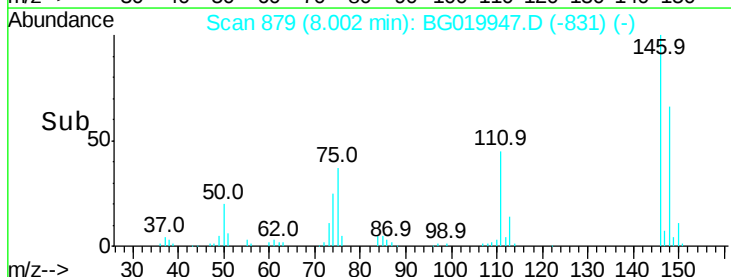
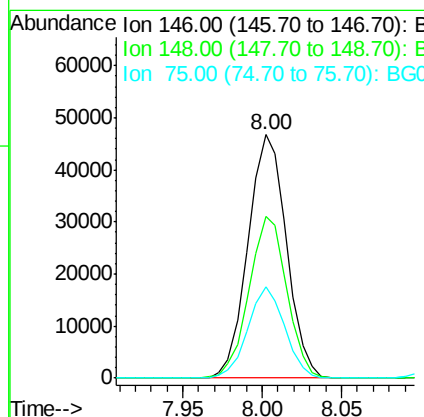
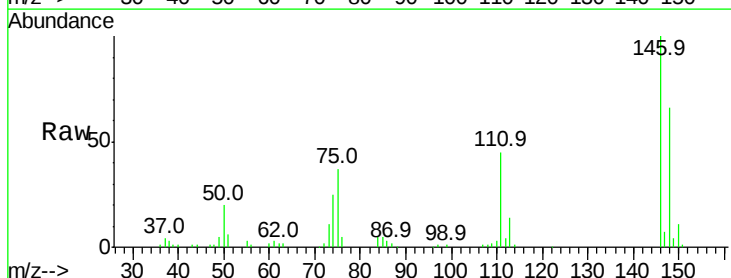
RT: 8.00 min Scan# 879

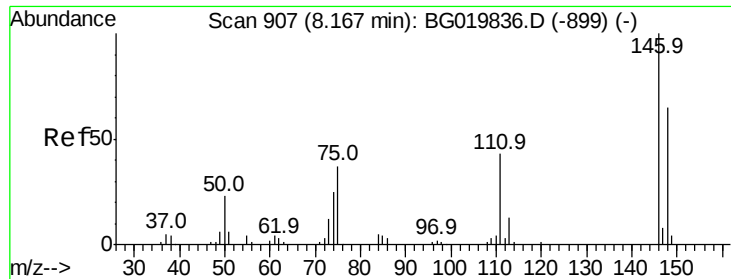
Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	146	Resp:	78874
Ion	Ratio	Lower	Upper
146	100		
148	66.2	53.4	80.0
75	37.4	21.1	31.7#





#13

1,4-Dichlorobenzene

Concen: 20.06 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

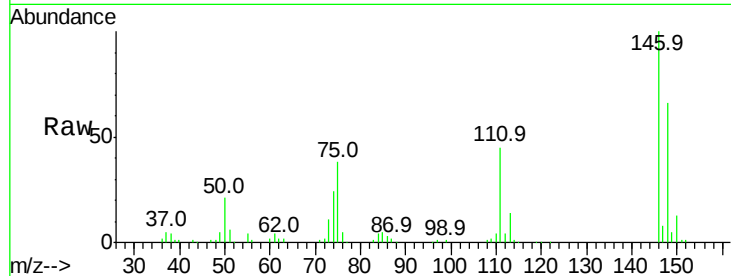
ClientSampleId :

PB87054BSD

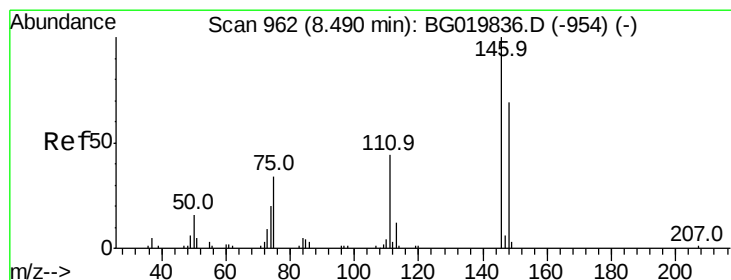
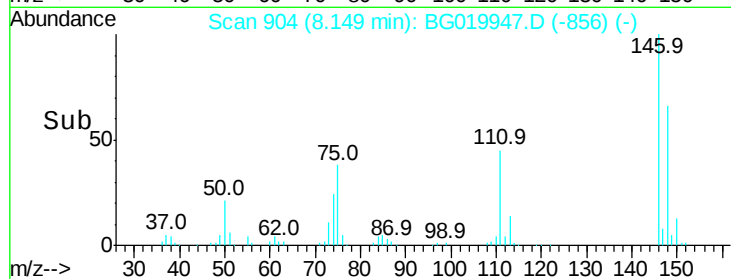
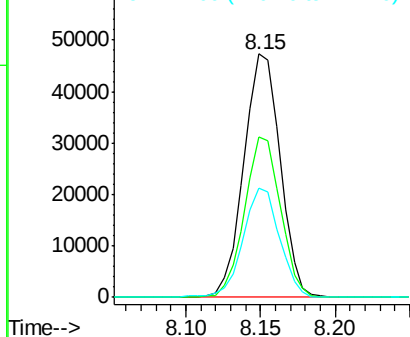
Tot Ion:	146	Resp:	79777
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.5	78.7
111	44.7	28.3	42.5#

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



#14

1,2-Dichlorobenzene

Concen: 20.73 ng

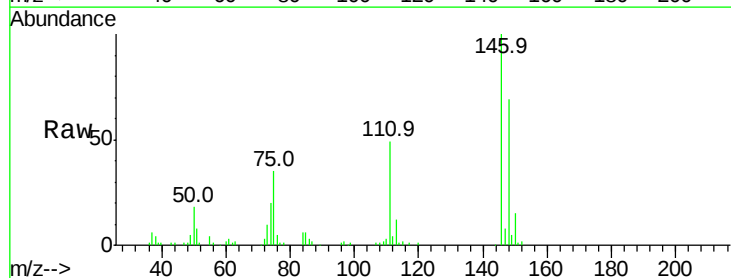
RT: 8.47 min Scan# 959

Delta R.T. -0.02 min

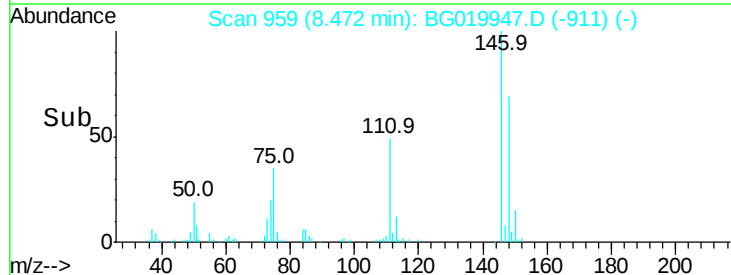
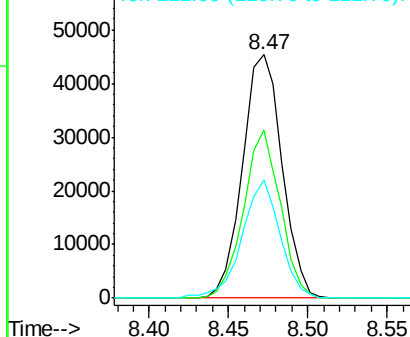
Lab File: BG019947.D

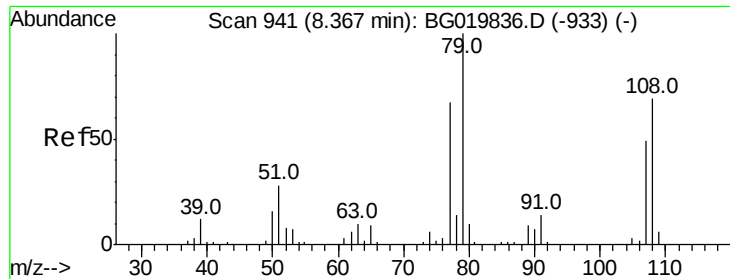
Acq: 5 Dec 2015 18:17

Tgt Ion:	146	Resp:	78646
Ion Ratio	Lower	Upper	
146	100		
148	69.0	52.5	78.7
111	48.6	29.9	44.9#



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





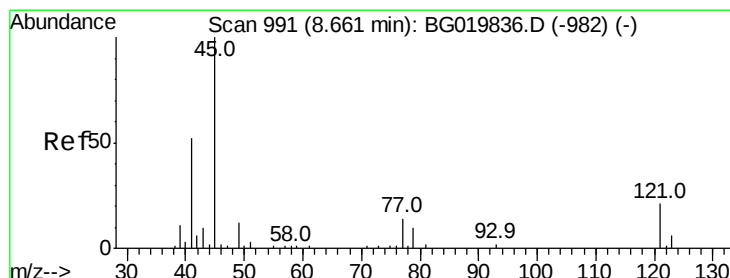
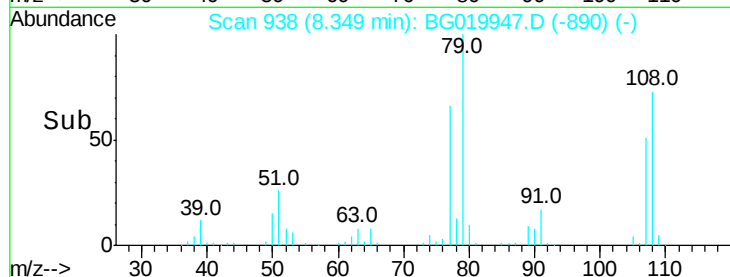
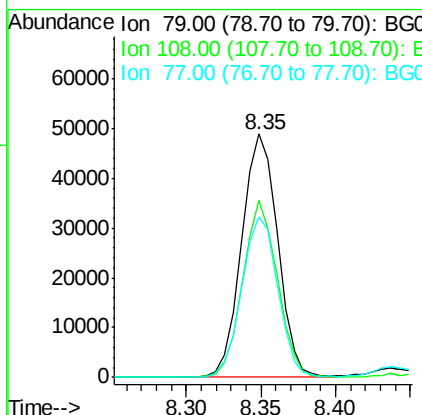
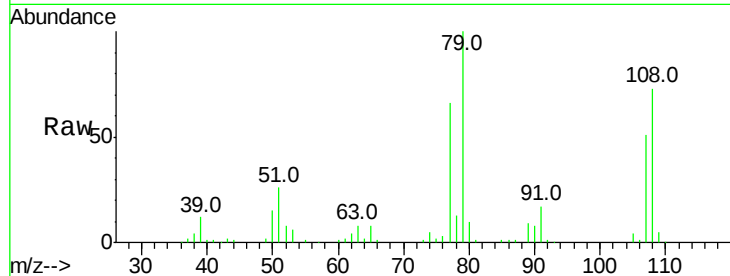
#15
Benzyl Alcohol
Concen: 22.14 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.7	65.5	98.3
77	65.8	51.3	76.9

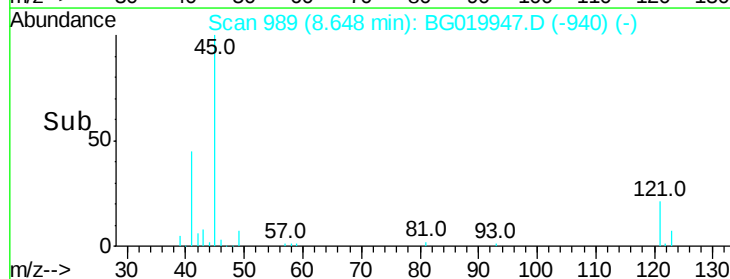
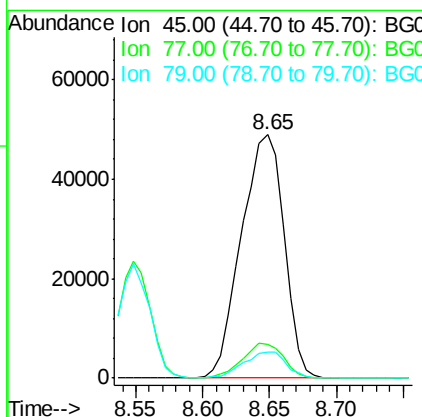
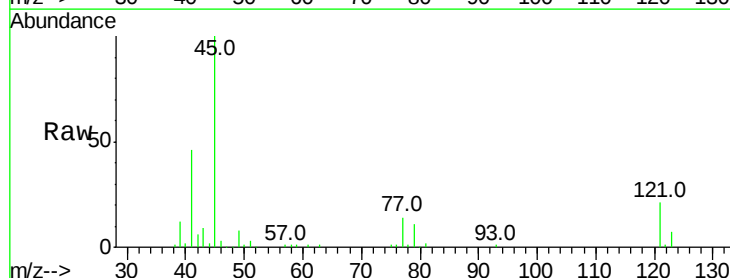
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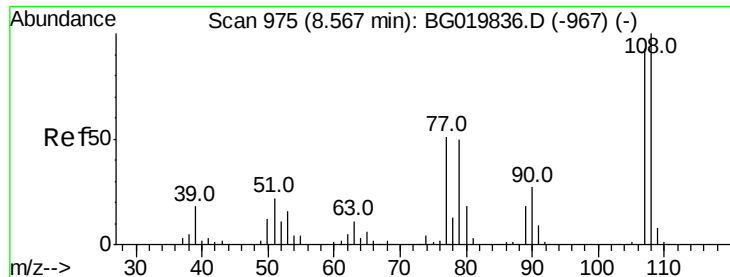
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.30 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	37.0
79	10.5	0.0	33.8





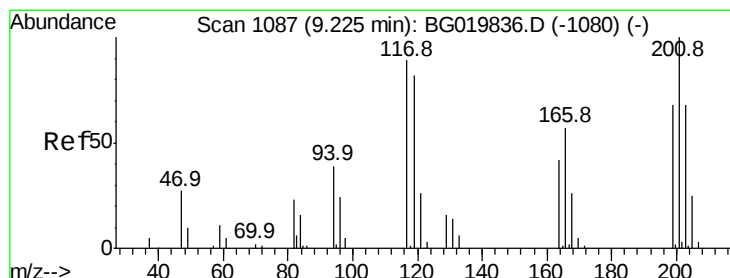
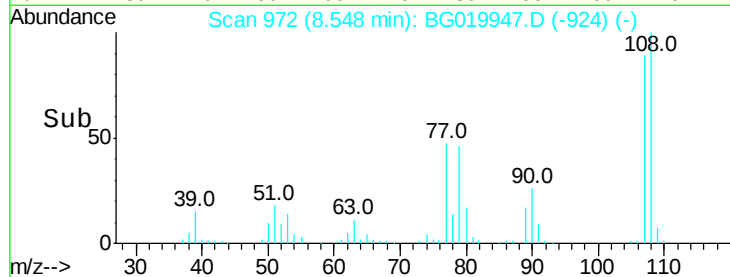
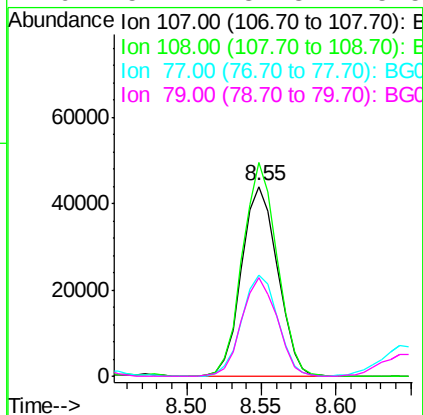
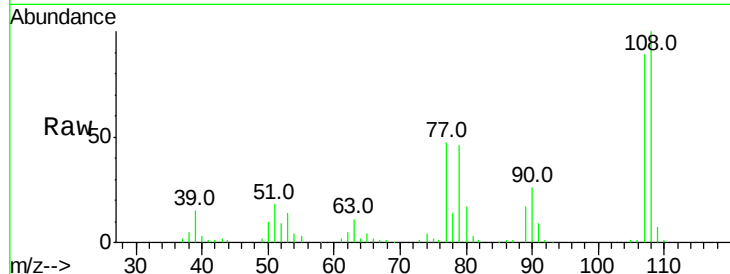
#17
2-Methylphenol
Concen: 23.56 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	86.5	129.7	
77	53.2	34.6	51.8	
79	52.2	32.3	48.5	

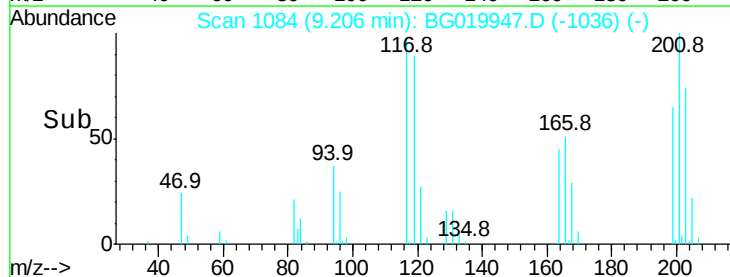
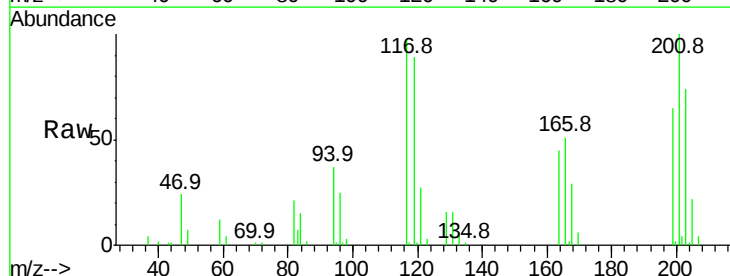
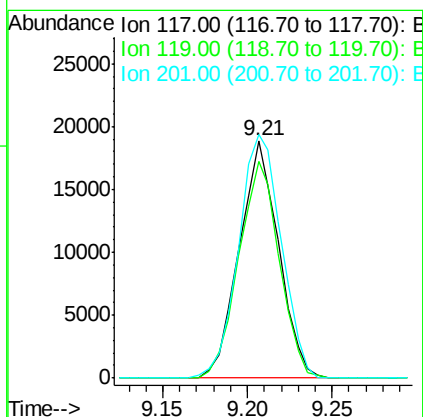
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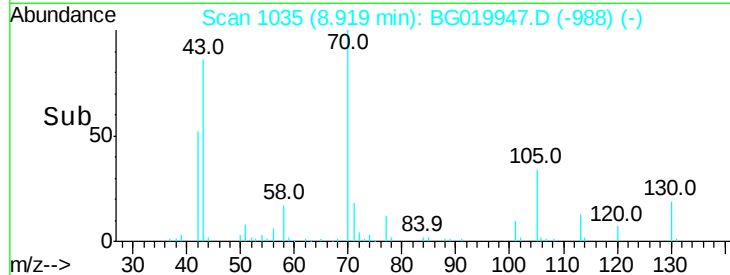
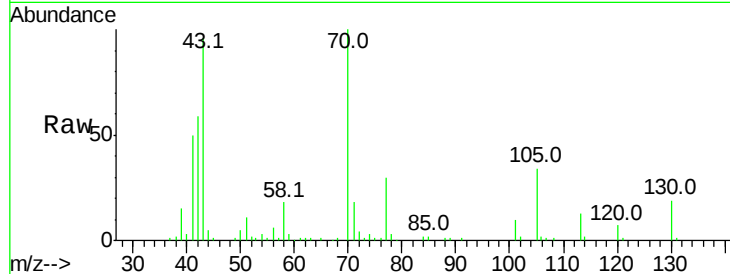
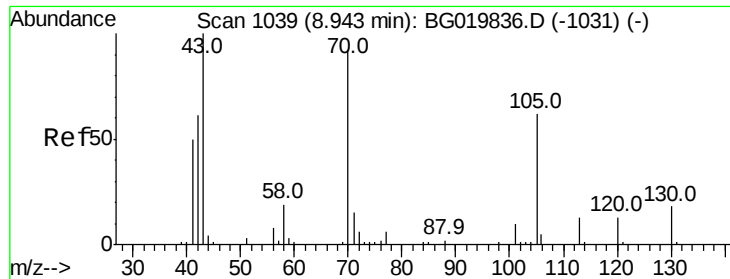
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#18
Hexachloroethane
Concen: 20.54 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.3	71.7	107.5	
201	102.6	90.9	136.3	





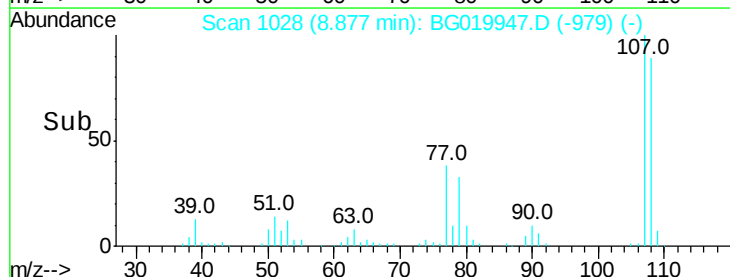
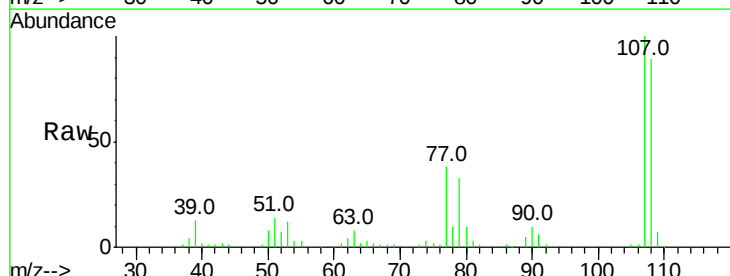
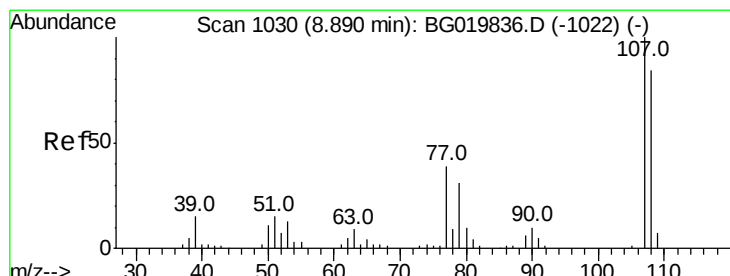
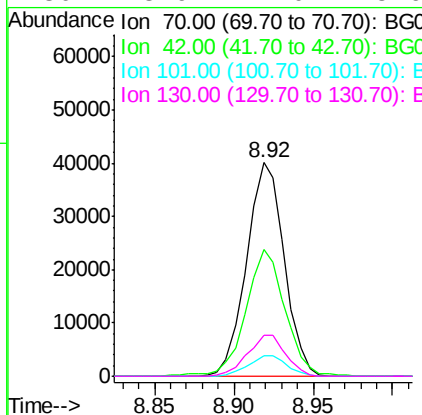
#19
n-Nitroso-di-n-propylamine
Concen: 19.88 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

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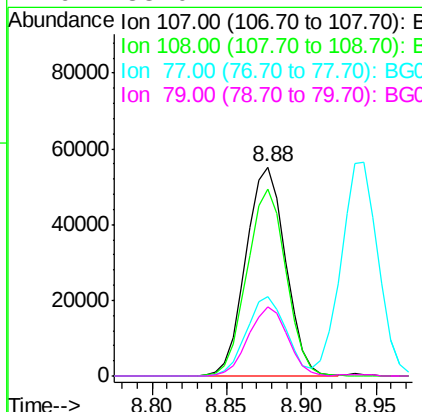
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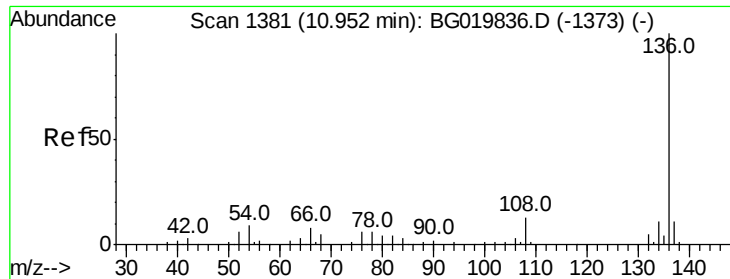
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.1	40.6	60.8	
101	9.6	8.6	13.0	
130	18.9	17.0	25.6	



#20
3+4-Methylphenols
Concen: 23.10 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	72.2	112.2	
77	37.8	13.4	53.4	
79	33.0	7.2	47.2	





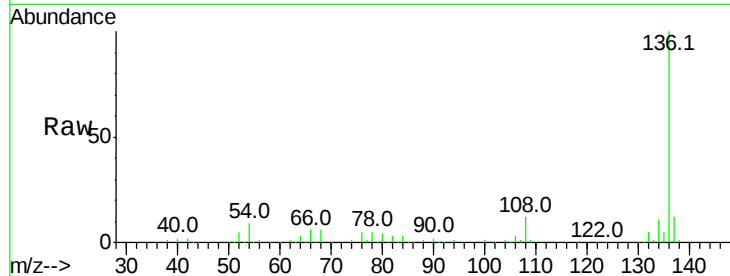
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

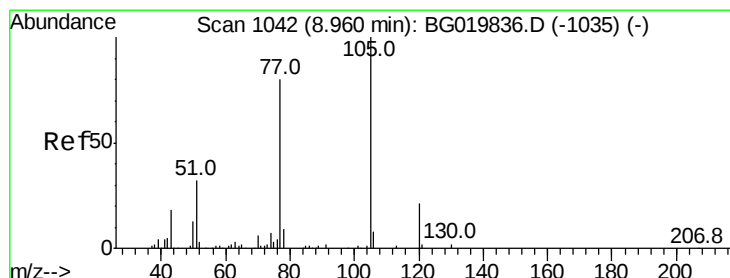
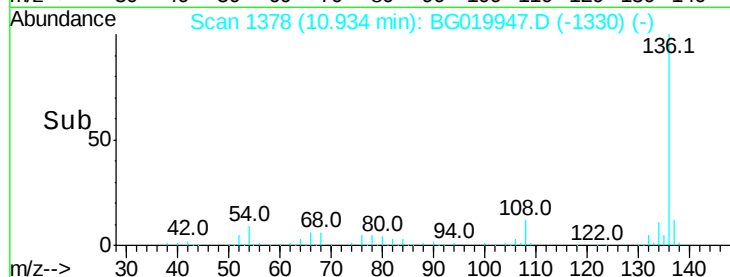
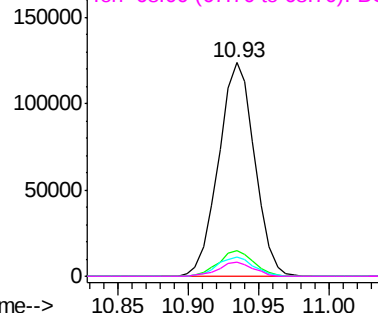
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.2	8.6	12.8	
54	9.6	5.4	8.2	
68	6.4	5.3	7.9	

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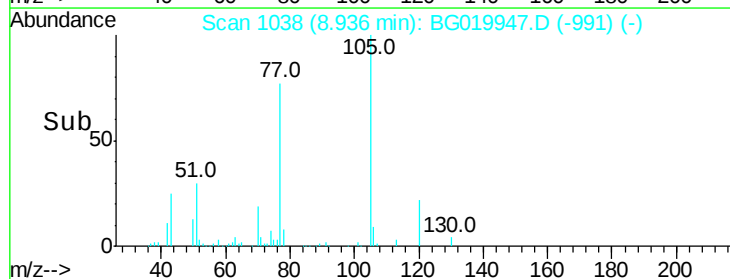
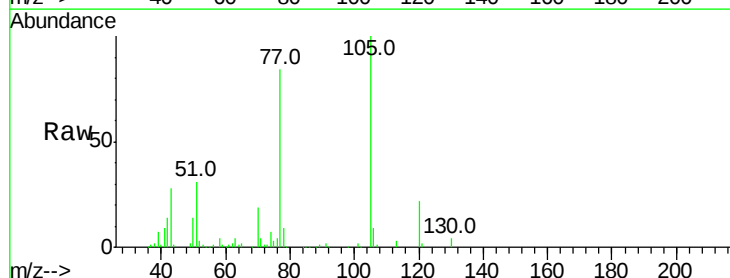
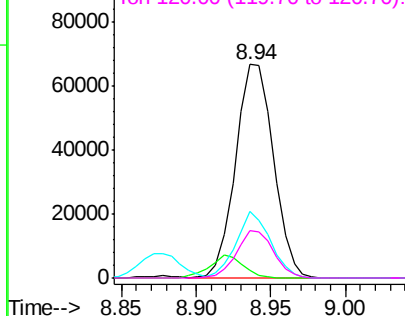
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

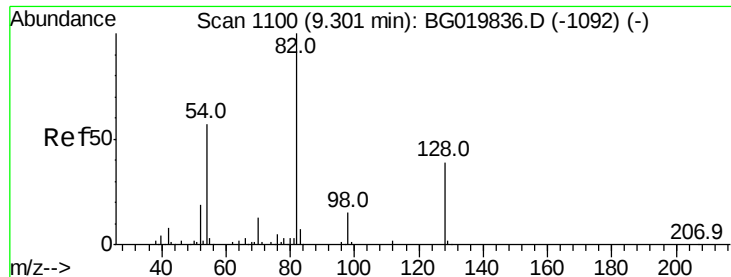


#22
Acetophenone
Concen: 19.56 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.9	2.1	3.1	
51	30.9	17.8	26.8	
120	21.9	17.7	26.5	

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





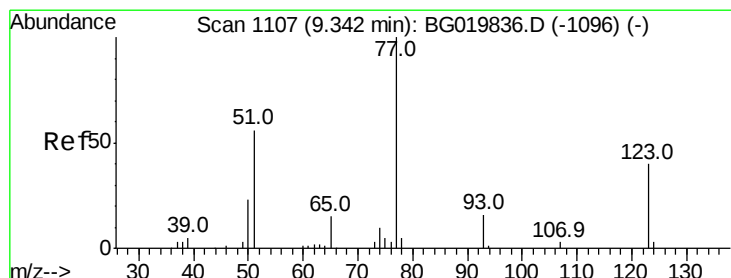
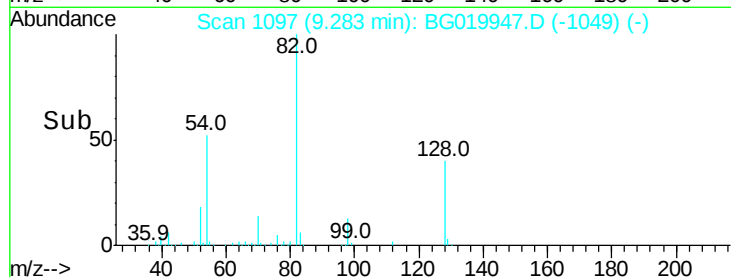
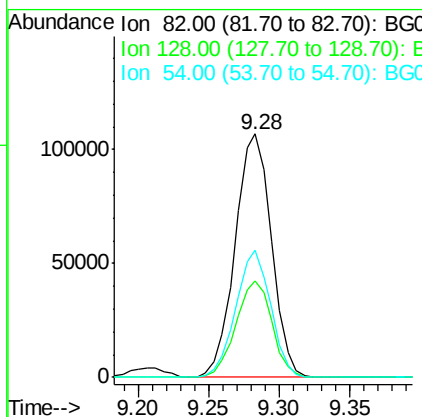
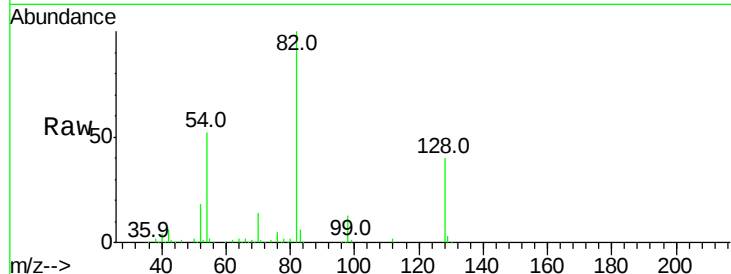
#23
 Nitrobenzene-d5
 Concen: 44.41 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	191884		
128	39.7	36.7	55.1	
54	52.1	33.8	50.8	

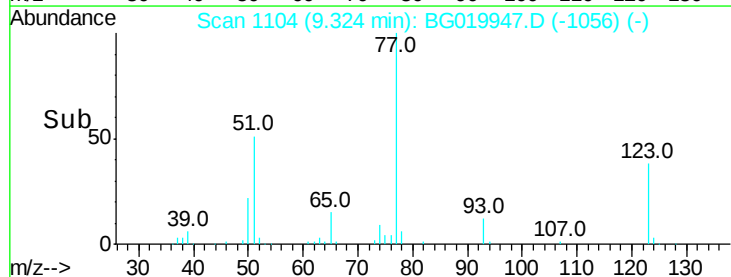
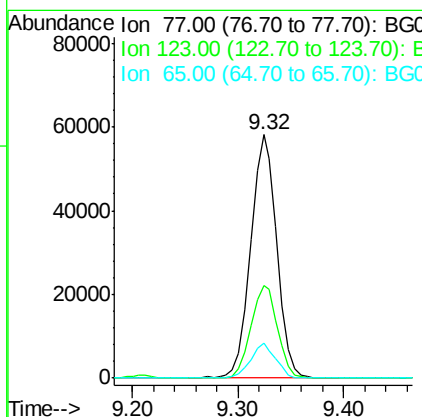
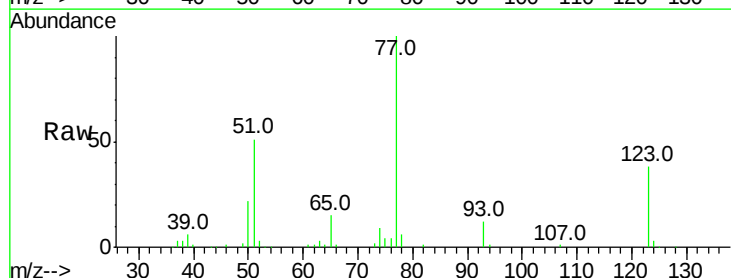
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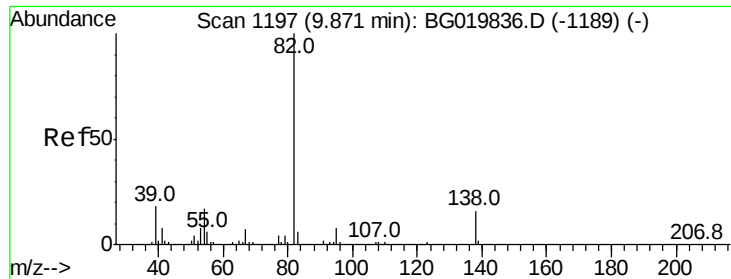
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#24
 Nitrobenzene
 Concen: 21.29 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	99776		
123	37.8	38.2	57.2	
65	14.6	10.6	16.0	





#25

Isophorone

Concen: 19.27 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

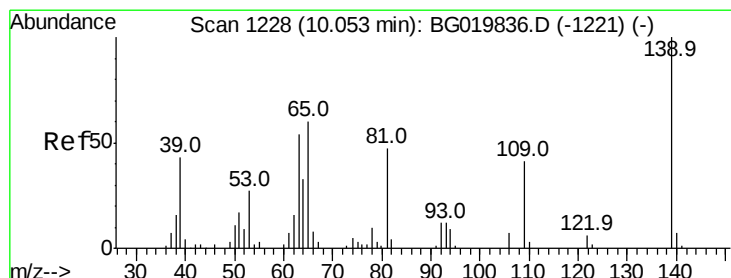
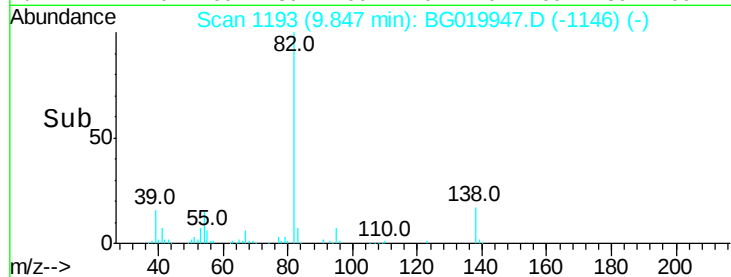
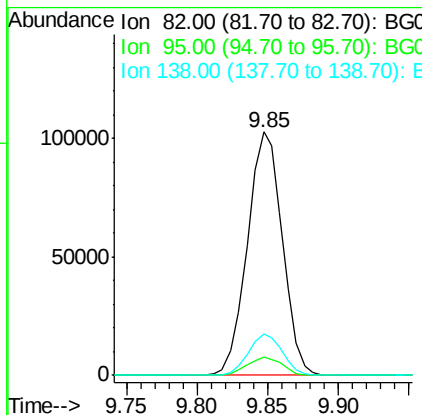
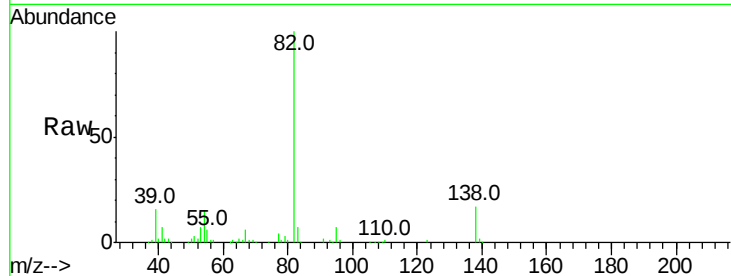
ClientSampleId :

PB87054BSD

Tot Ion:	82	Resp:	178459
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.2	7.8
138	16.9	14.4	21.6

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#26

2-Nitrophenol

Concen: 23.78 ng

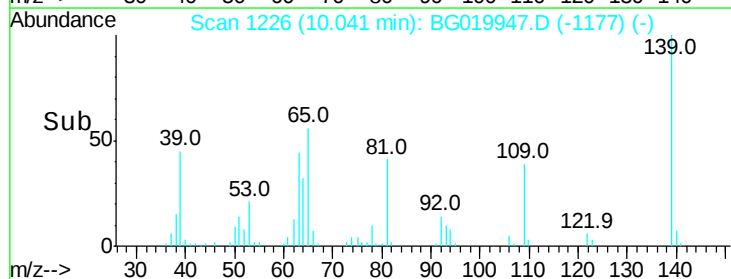
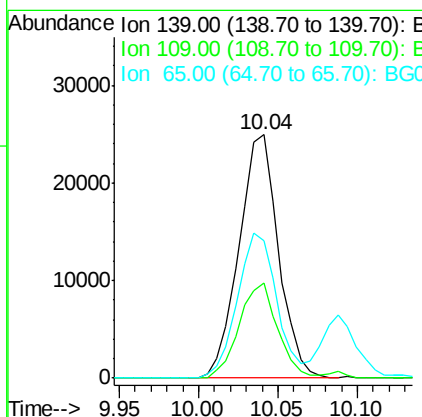
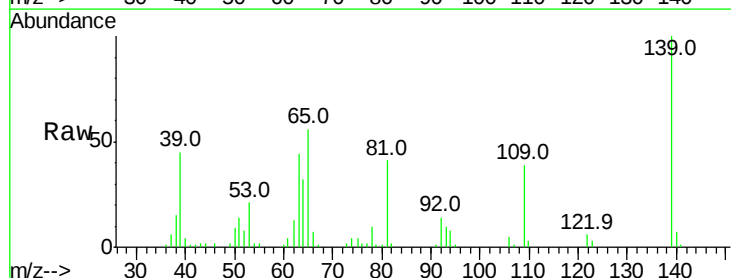
RT: 10.04 min Scan# 1226

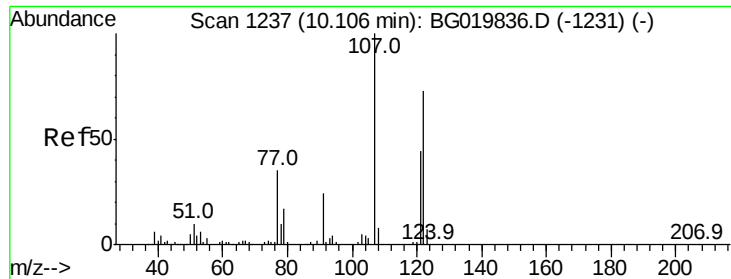
Delta R.T. -0.01 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	139	Resp:	43040
Ion Ratio	Lower	Upper	
139	100		
109	39.2	20.1	30.1#
65	56.3	34.1	51.1#





#27

2,4-Dimethylphenol

Concen: 22.85 ng

RT: 10.09 min Scan# 1234

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

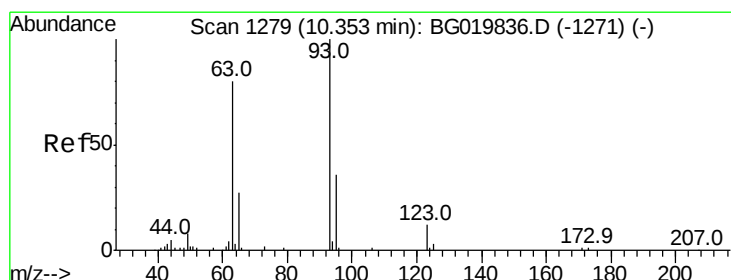
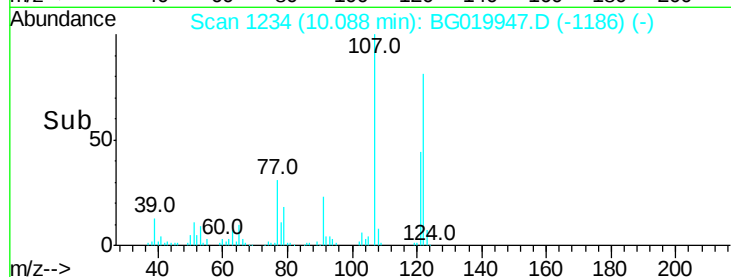
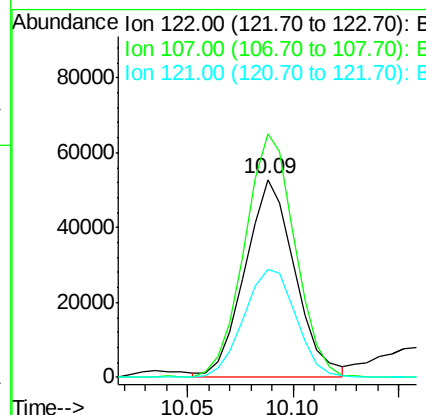
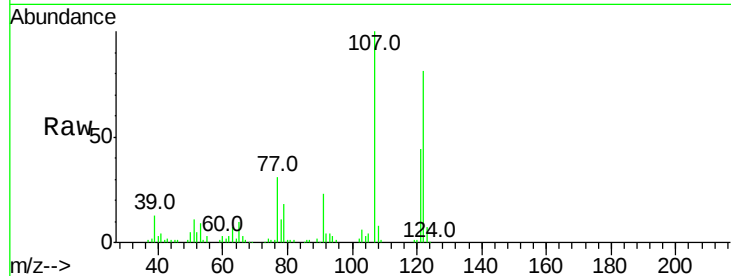
ClientSampleId :

PB87054BSD

Tot Ion:	122	Resp:	86132
Ion Ratio	Lower	Upper	
122	100		
107	123.1	91.6	137.4
121	54.3	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 22.62 ng

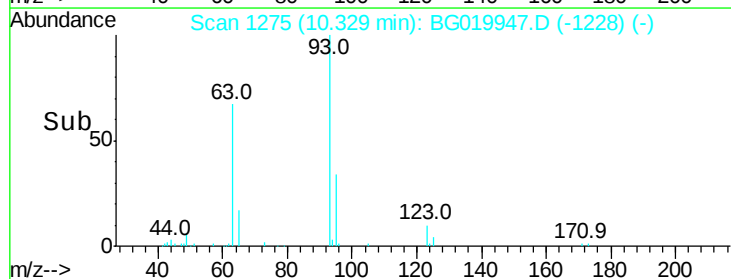
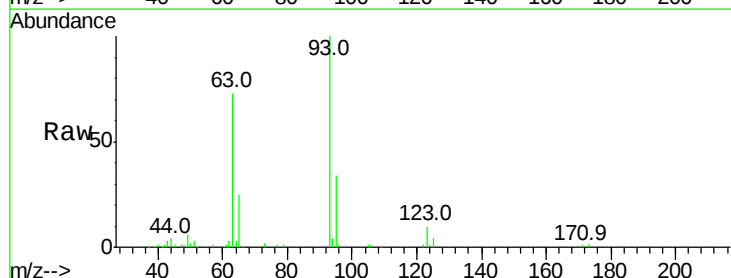
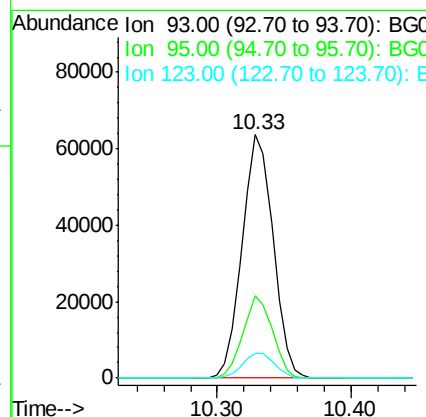
RT: 10.33 min Scan# 1275

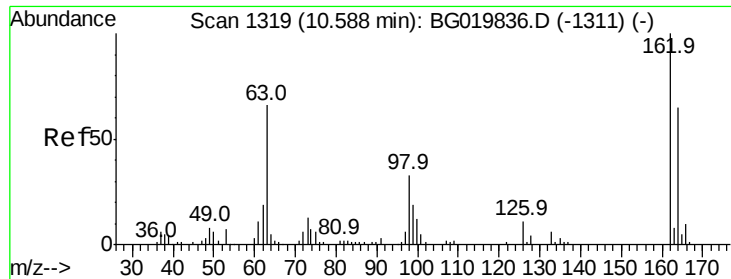
Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	93	Resp:	102402
Ion Ratio	Lower	Upper	
93	100		
95	33.7	25.7	38.5
123	10.2	8.6	12.8





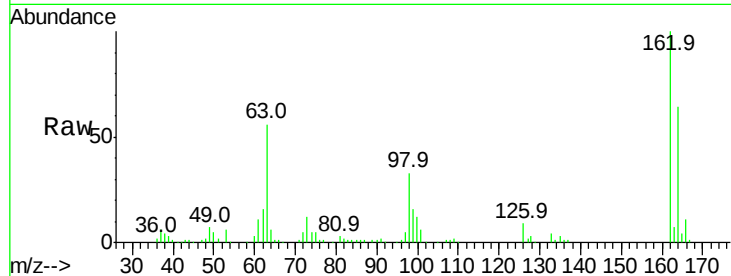
#29
2,4-Dichlorophenol
Concen: 23.51 ng
RT: 10.58 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

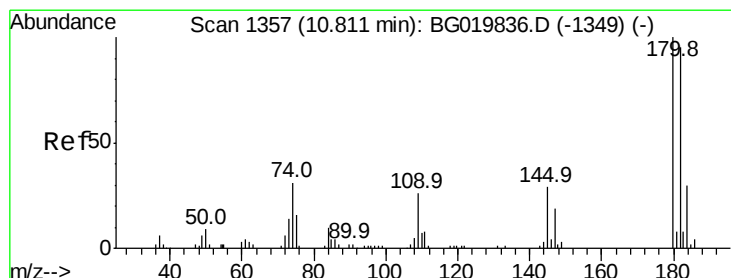
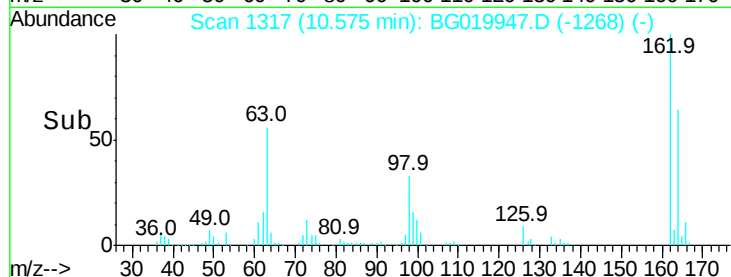
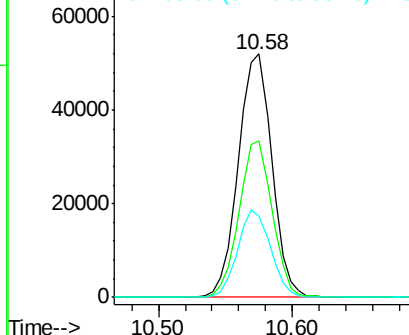
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.1	42.3	82.3	
98	33.3	11.5	51.5	

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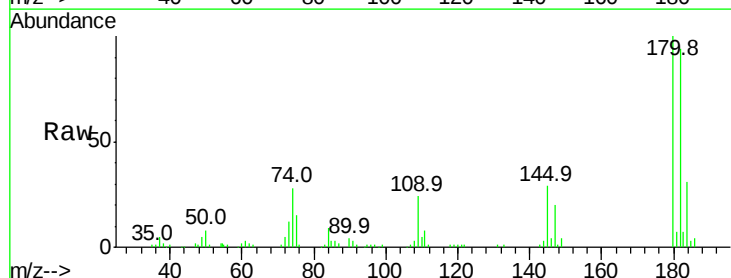


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

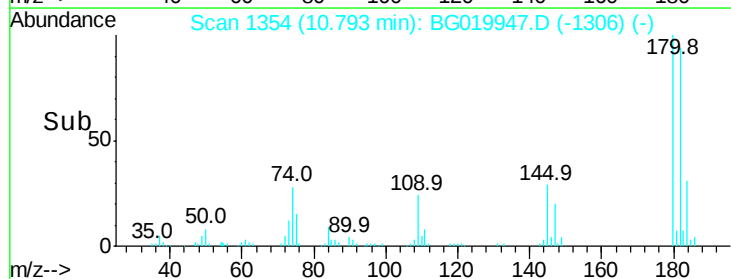
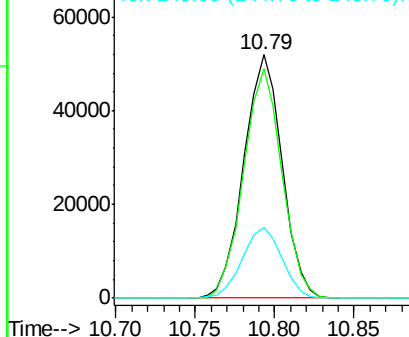


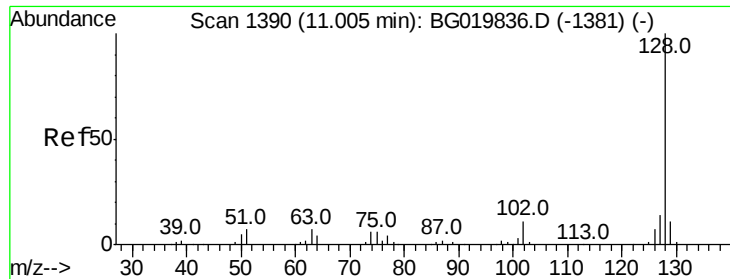
#30
1,2,4-Trichlorobenzene
Concen: 20.00 ng
RT: 10.79 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.3	79.7	119.5	
145	29.0	22.0	33.0	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





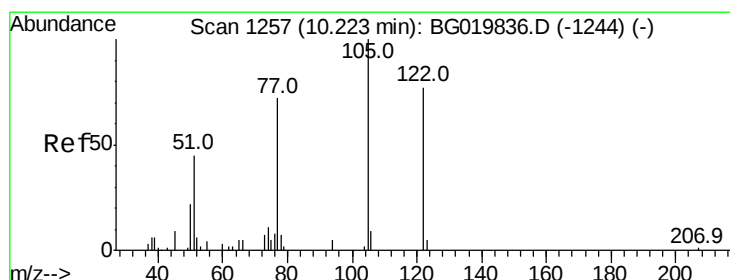
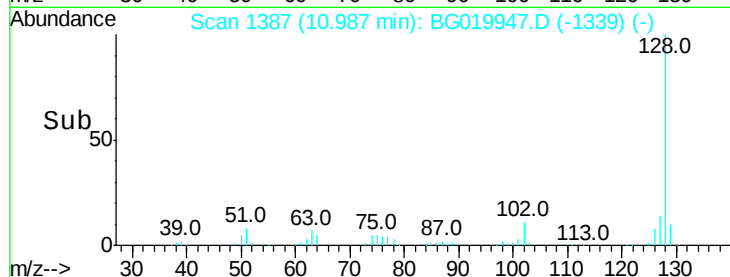
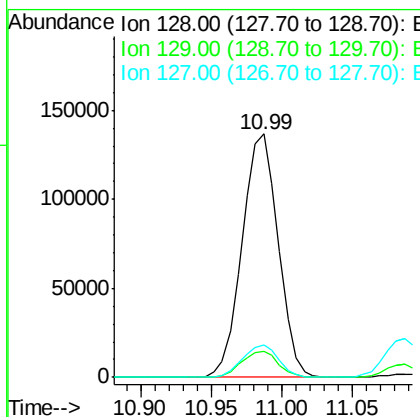
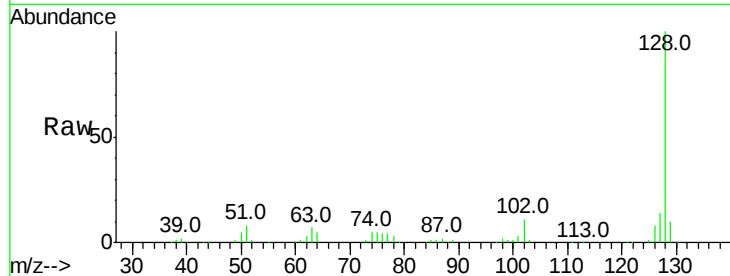
#31
Naphthalene
Concen: 20.69 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	244356		
129	10.5		8.5	12.7
127	13.6		10.6	16.0

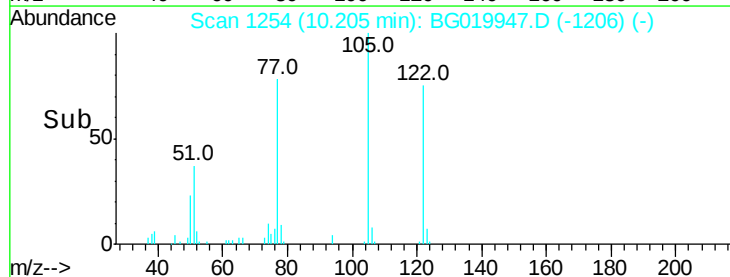
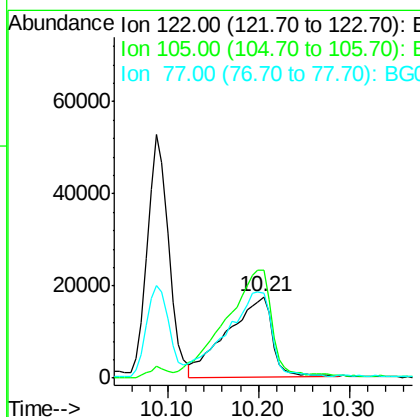
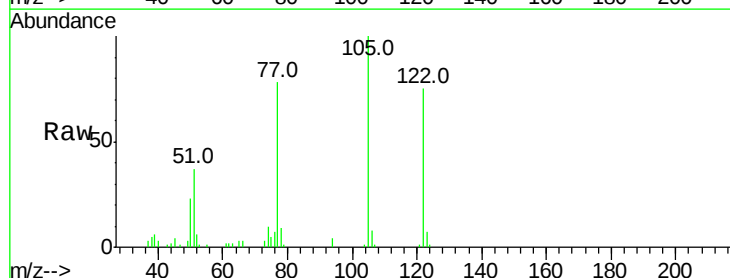
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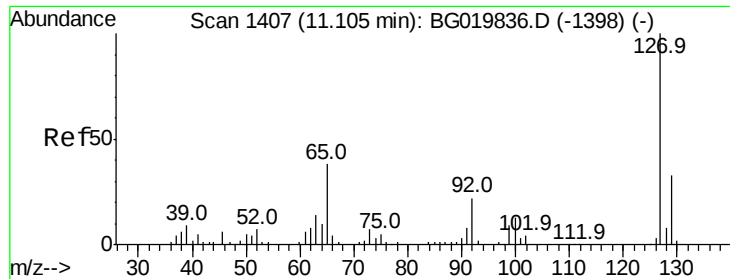
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#32
Benzoic acid
Concen: 26.47 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	59438		
105	132.7		103.8	143.8
77	103.7		68.8	108.8





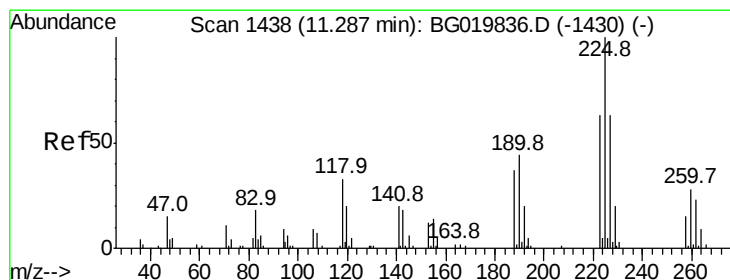
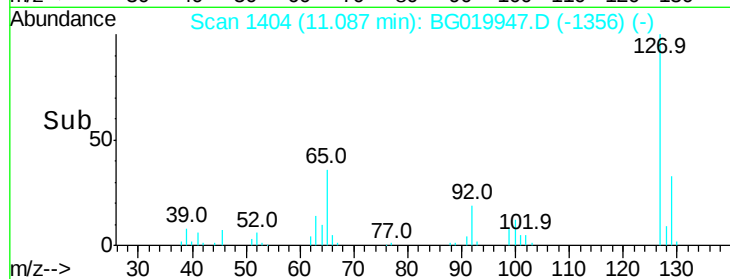
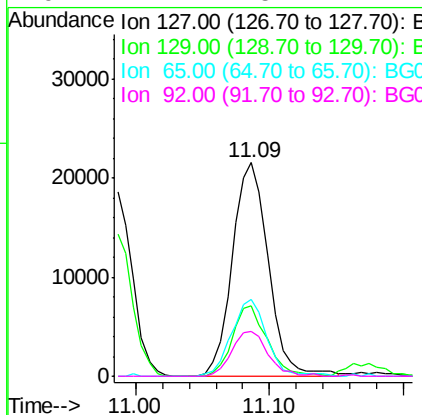
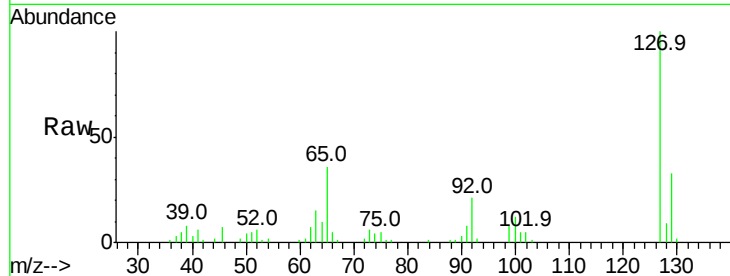
#33
4-Chloroaniline
Concen: 7.72 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.6	37.0
65	36.1	22.6	33.8
92	21.2	15.1	22.7

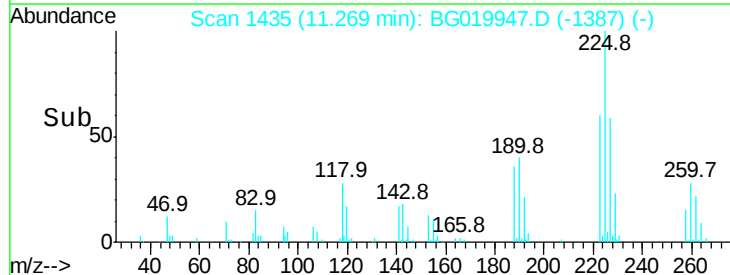
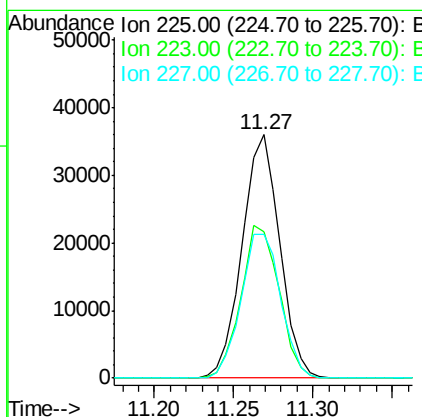
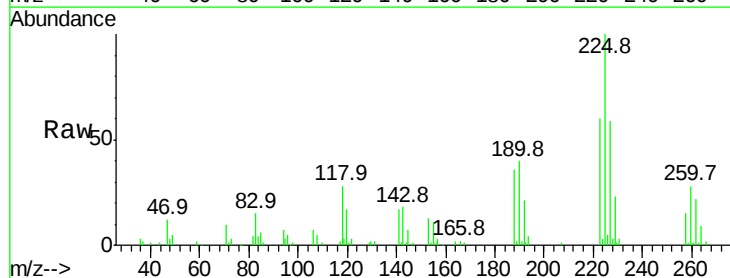
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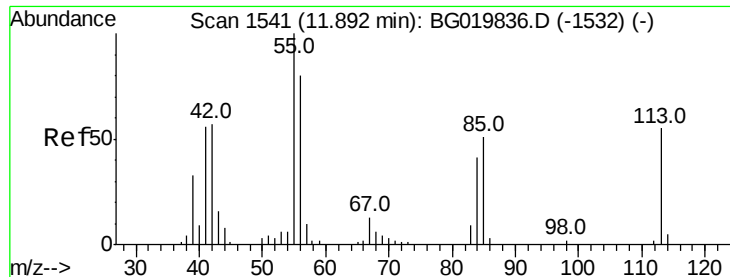
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#34
Hexachlorobutadiene
Concen: 18.47 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	51.0	76.4
227	61.9	51.8	77.8





#35

Caprolactam

Concen: 22.42 ng/ml

RT: 11.86 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

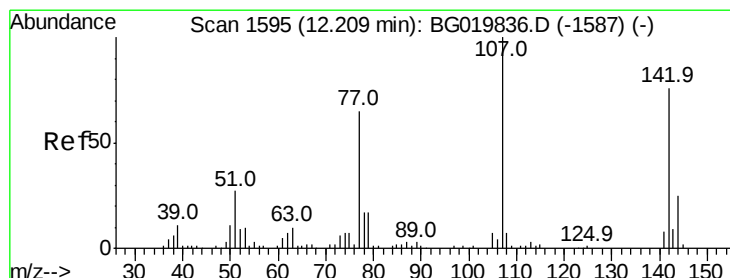
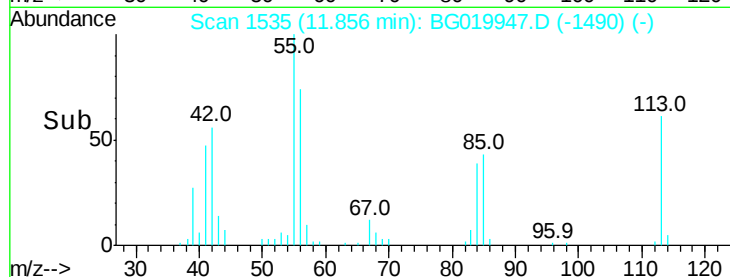
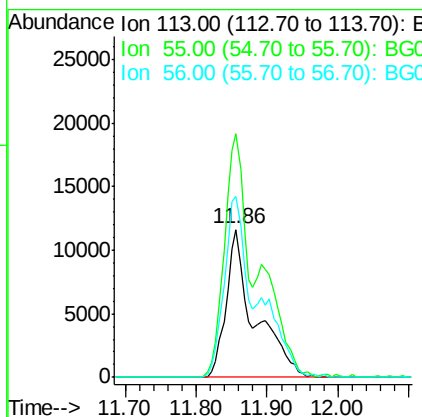
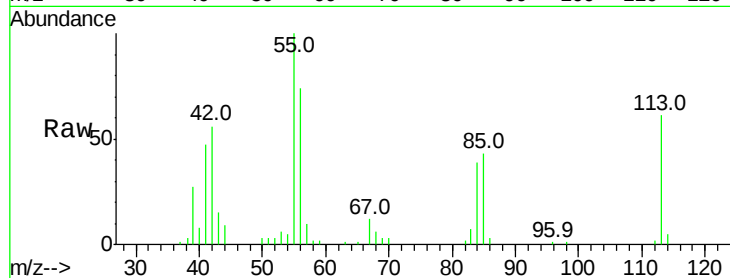
ClientSampleID :

PB87054BSD

Tot Ion:	113	Resp:	32140
Ion Ratio	Lower	Upper	
113	100		
55	164.7	135.0	175.0
56	122.2	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 22.04 ng/ml

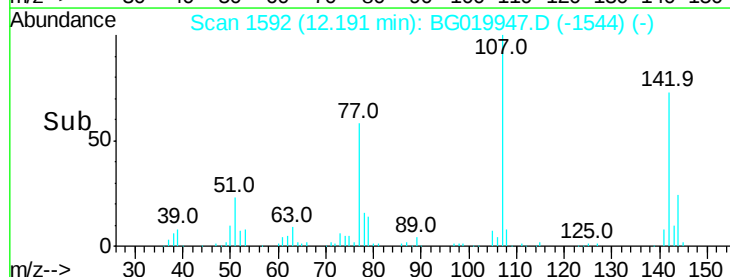
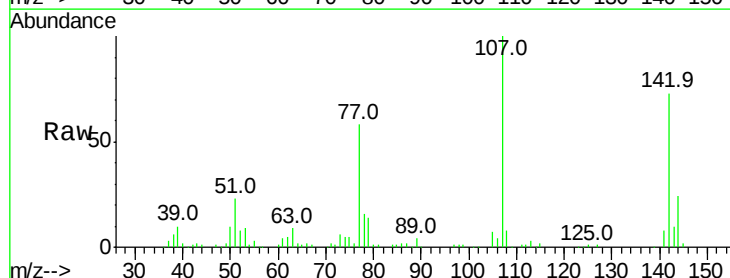
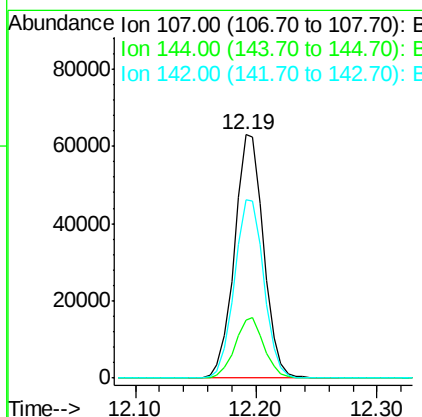
RT: 12.19 min Scan# 1592

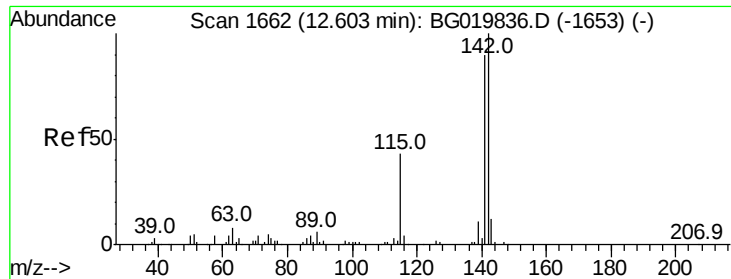
Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	107	Resp:	105717
Ion Ratio	Lower	Upper	
107	100		
144	24.0	20.6	31.0
142	73.1	62.6	93.8





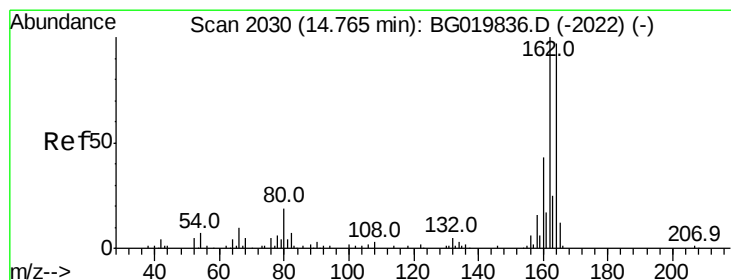
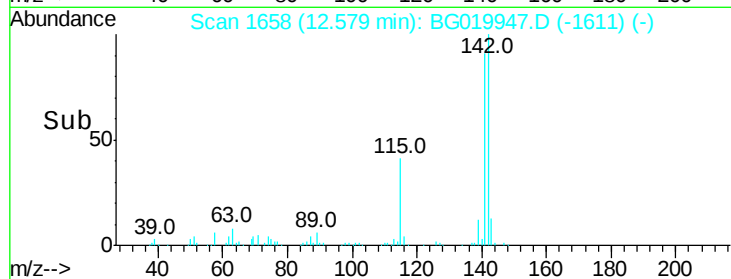
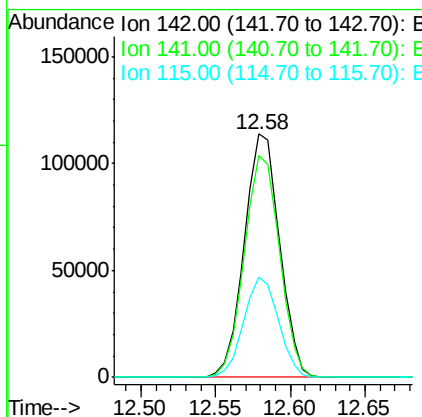
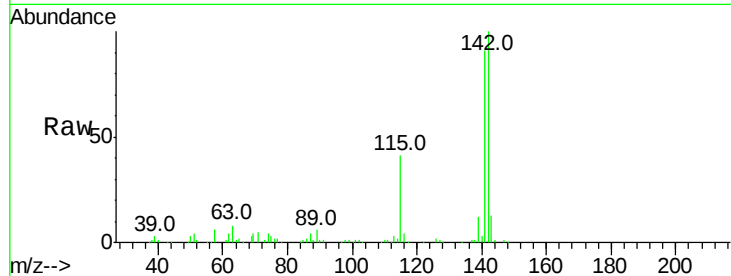
#37
2-Methylnaphthalene
Concen: 21.53 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.6	112.0
115	41.1	27.4	41.0

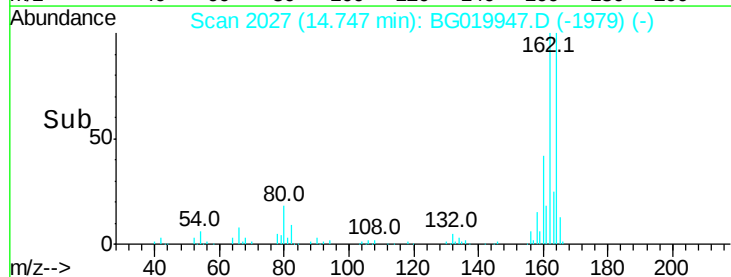
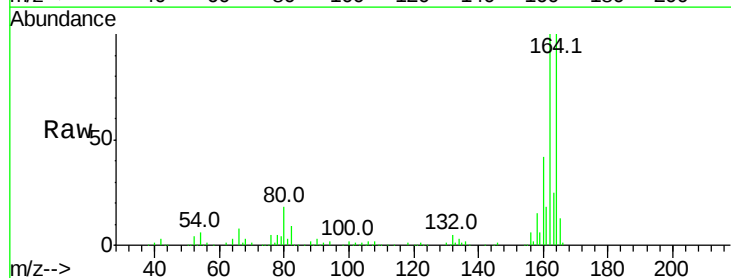
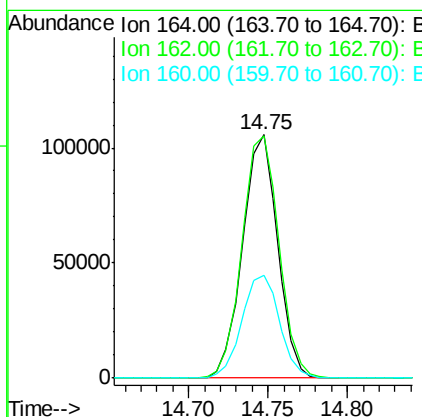
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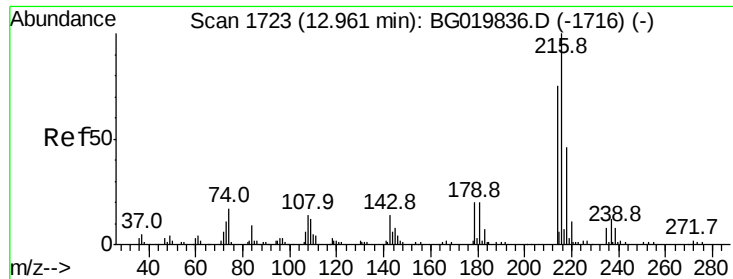
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.8	118.2
160	42.4	36.4	54.6





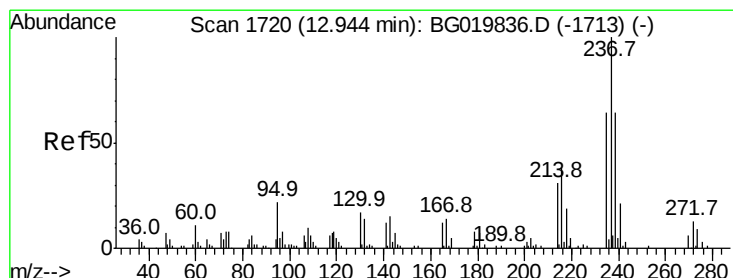
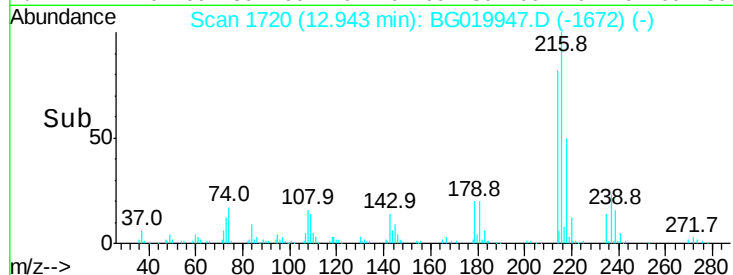
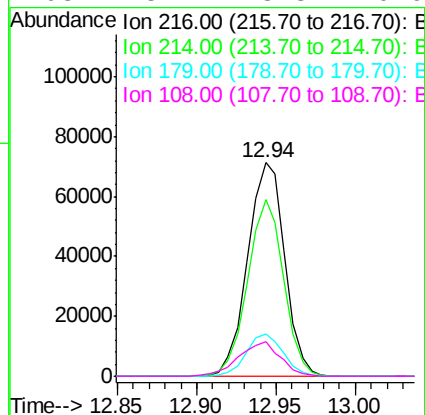
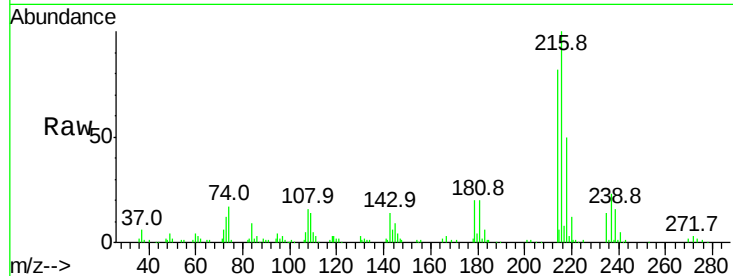
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.79 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	62.5	93.7	
179	19.6	15.6	23.4	
108	18.1	13.3	19.9	

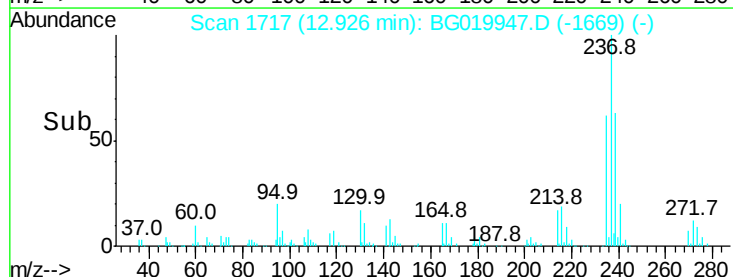
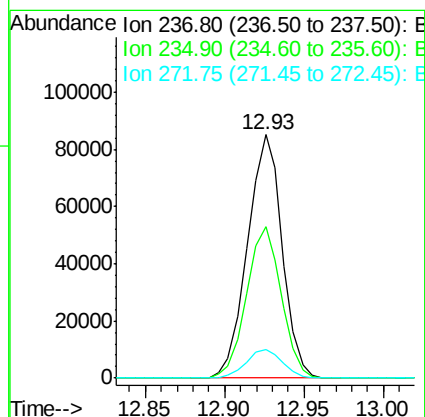
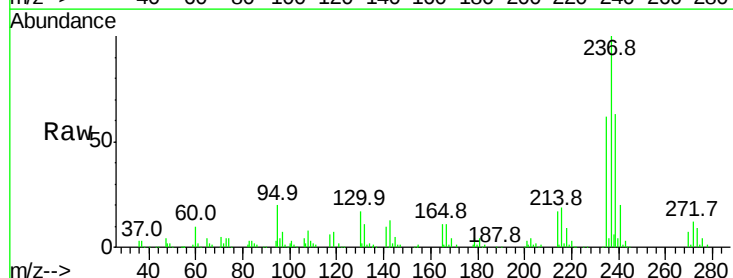
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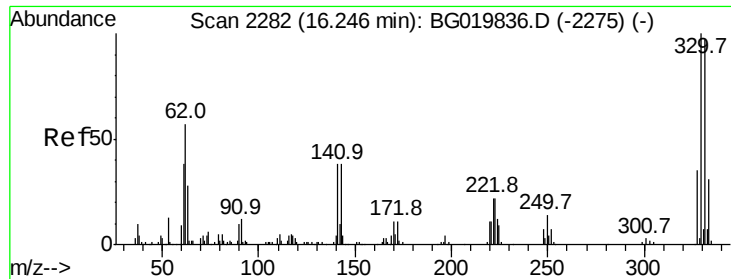
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#40
 Hexachlorocyclopentadiene
 Concen: 36.70 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.2	44.6	84.6	
272	11.5	0.0	32.8	





#41

2,4,6-Tribromophenol

Concen: 62.18 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

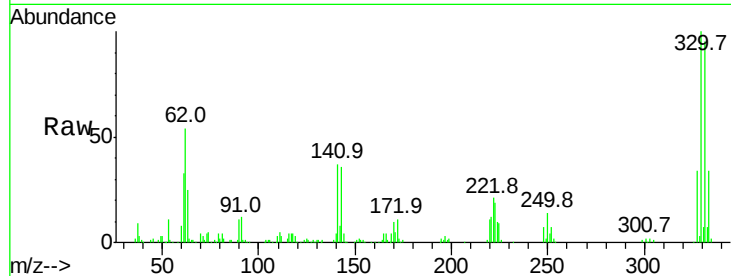
ClientSampleId :

PB87054BSD

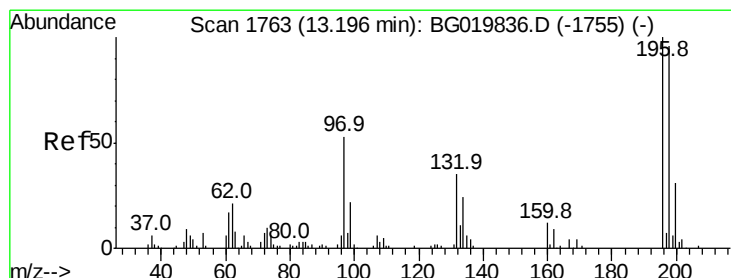
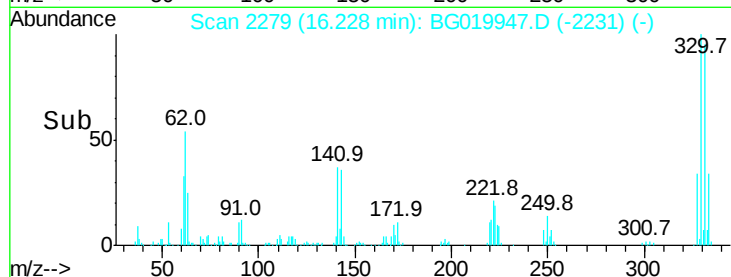
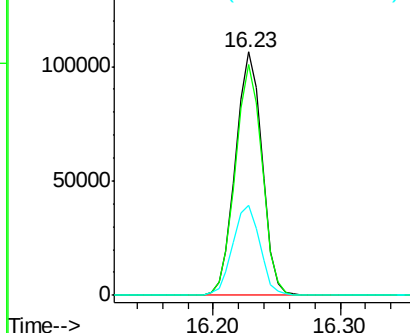
Tot Ion:	330	Resp:	154221
Ion Ratio	Lower	Upper	
330	100		
332	95.2	78.1	117.1
141	37.9	28.2	42.2

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



#42

2,4,6-Trichlorophenol

Concen: 20.39 ng

RT: 13.18 min Scan# 1760

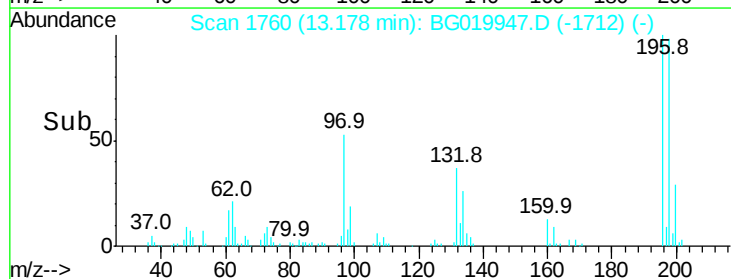
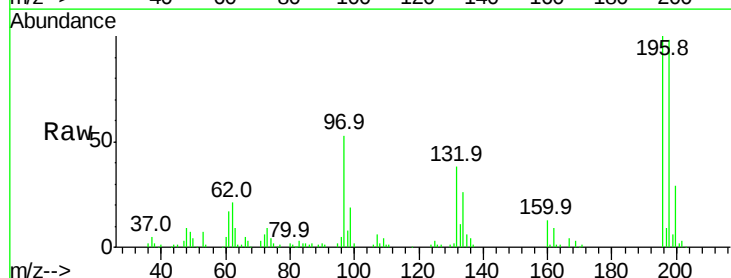
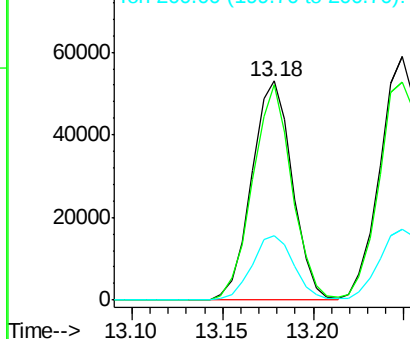
Delta R.T. -0.02 min

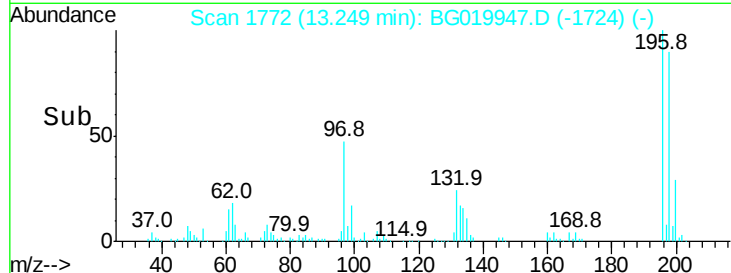
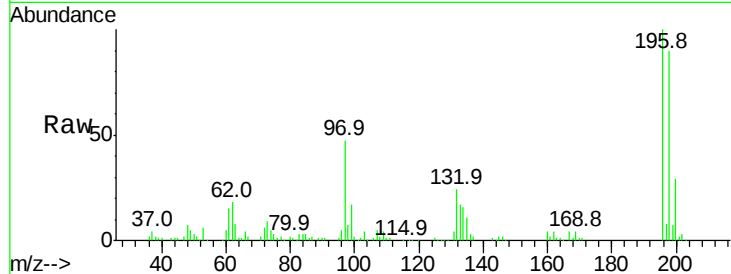
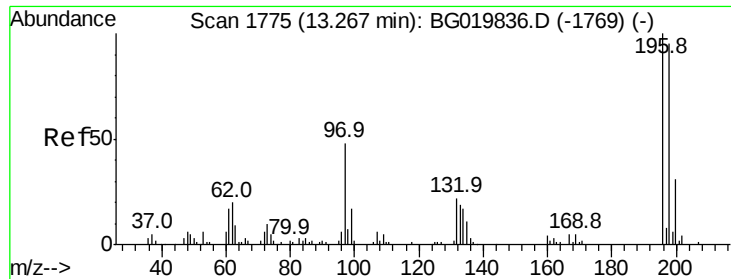
Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	196	Resp:	83045
Ion Ratio	Lower	Upper	
196	100		
198	98.2	74.7	112.1
200	29.4	24.1	36.1

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





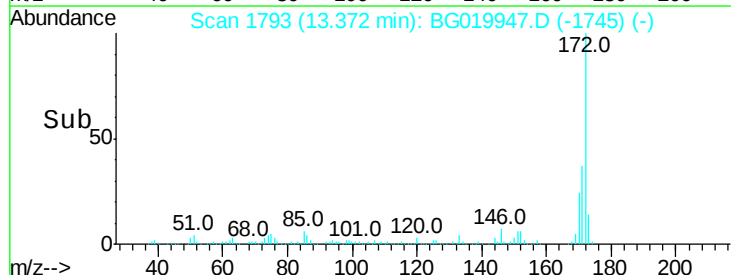
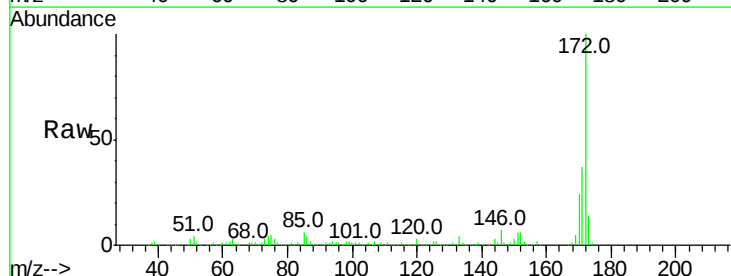
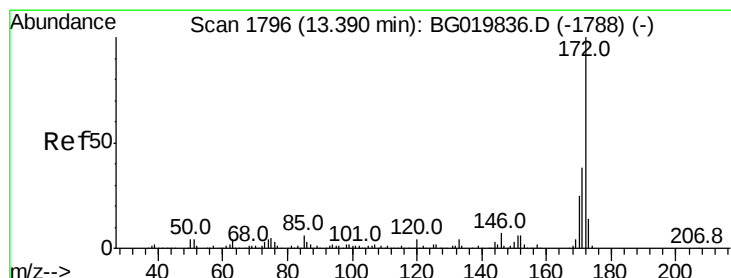
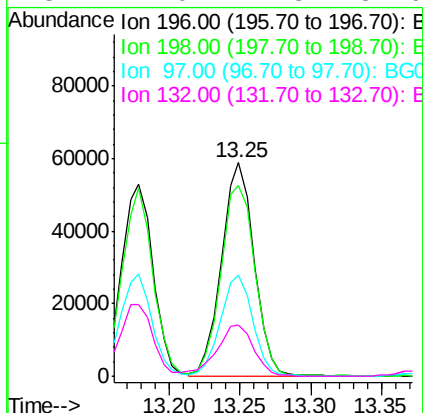
#43
2,4,5-Trichlorophenol
Concen: 21.96 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Manual Integrations
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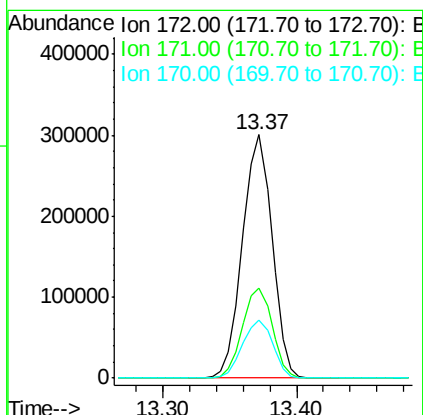
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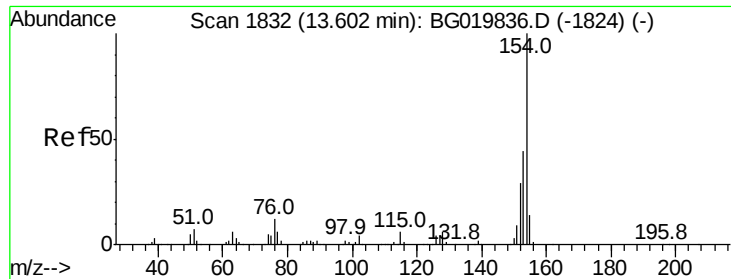
Tot Ion	Ratio	Resp	Lower	Upper
196	100	94545		
198	89.5	75.2	112.8	
97	47.1	34.2	51.2	
132	24.0	21.8	32.6	



#44
2-Fluorobiphenyl
Concen: 38.83 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	461040		
171	37.1	29.0	43.6	
170	24.1	19.9	29.9	





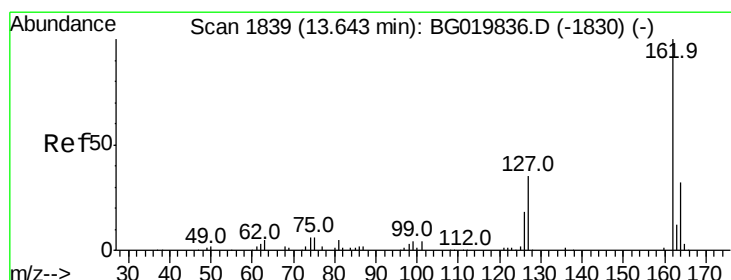
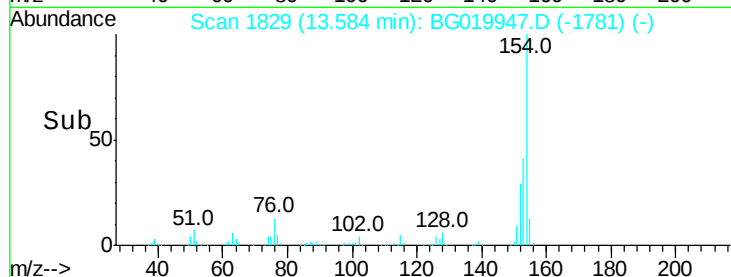
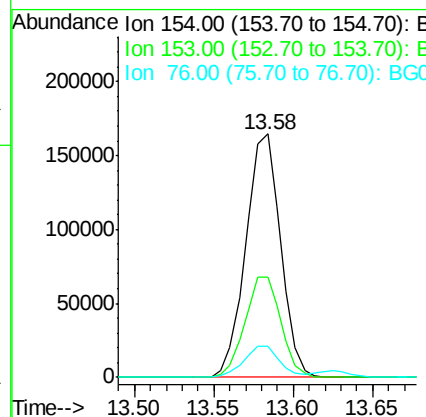
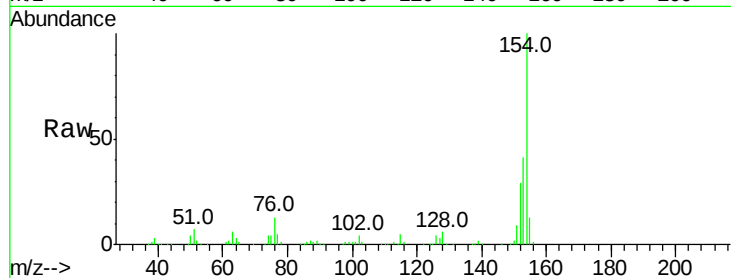
#45
 1,1'-Biphenyl
 Concen: 18.82 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.4	21.9	61.9
76	12.6	0.0	33.2

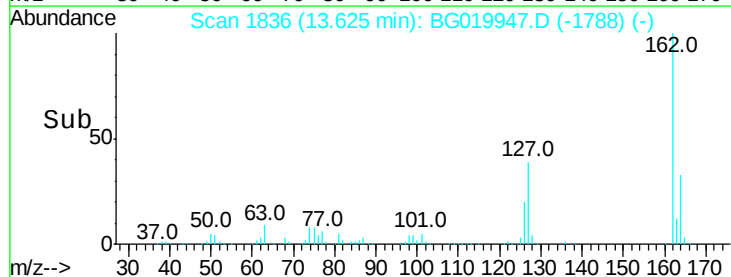
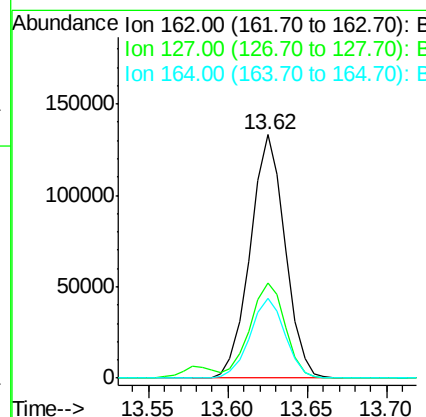
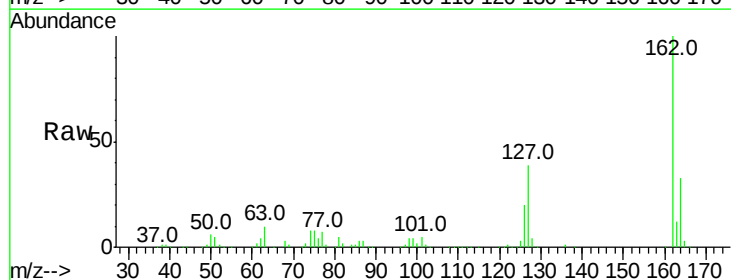
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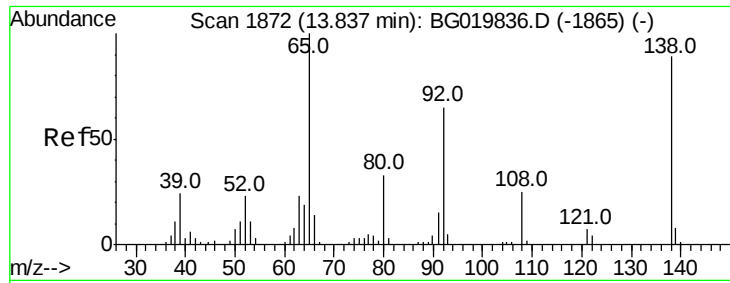
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#46
 2-Chloronaphthalene
 Concen: 19.81 ng
 RT: 13.62 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	38.8	28.3	42.5
164	32.6	27.4	41.0





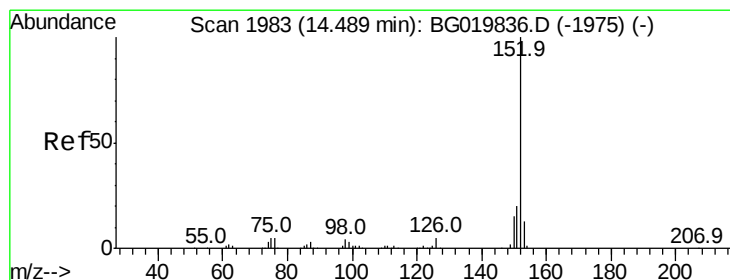
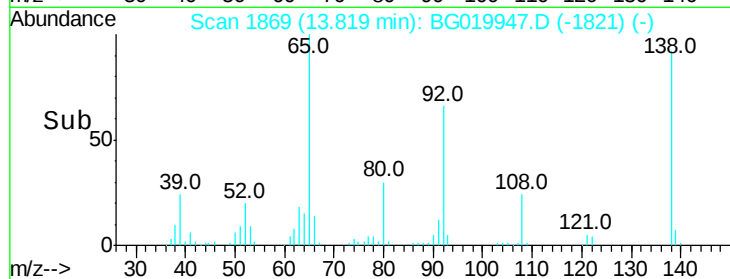
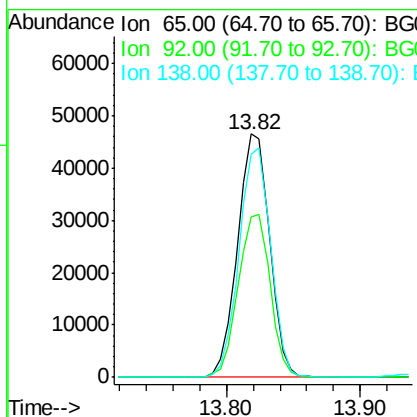
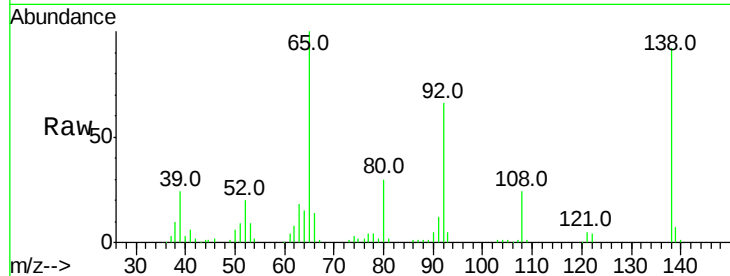
#47
2-Nitroaniline
Concen: 23.79 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.8	54.8	82.2
138	91.9	89.6	134.4

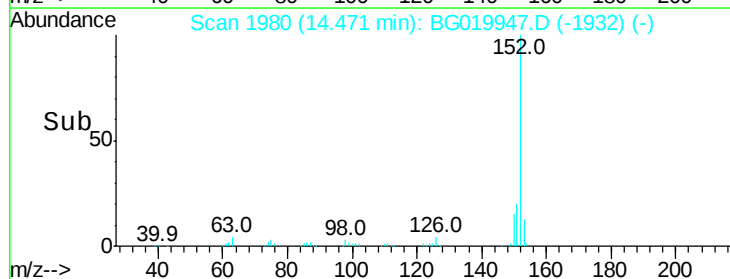
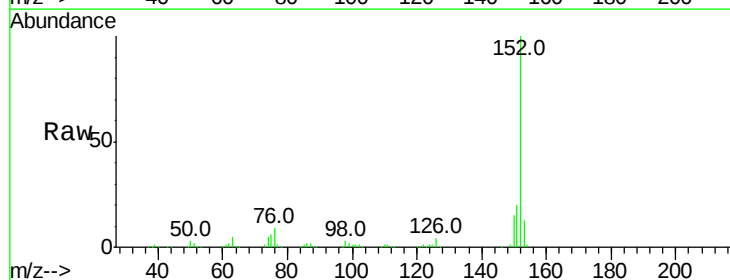
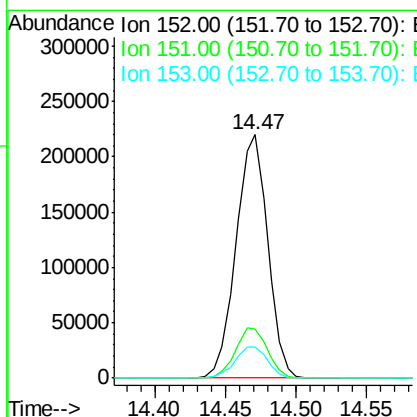
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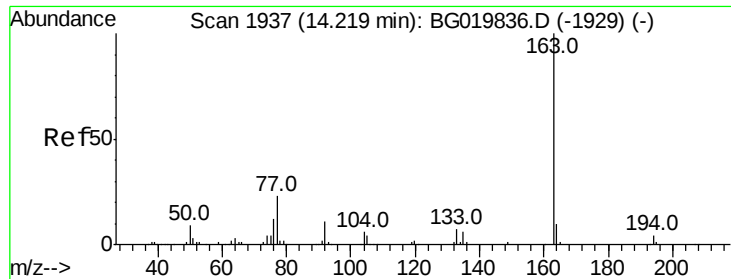
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#48
Acenaphthylene
Concen: 19.72 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.4
153	13.0	10.4	15.6





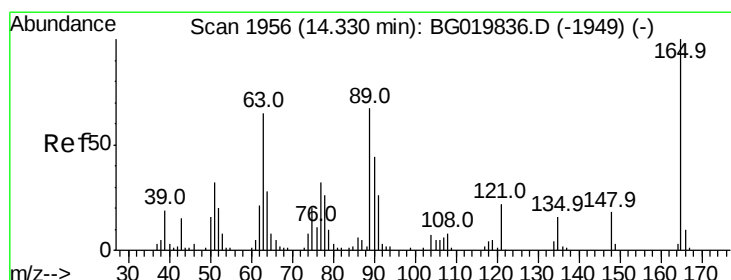
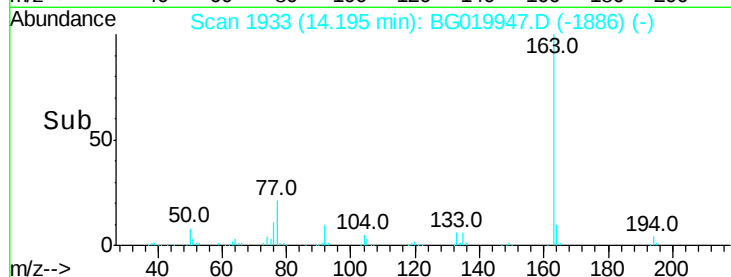
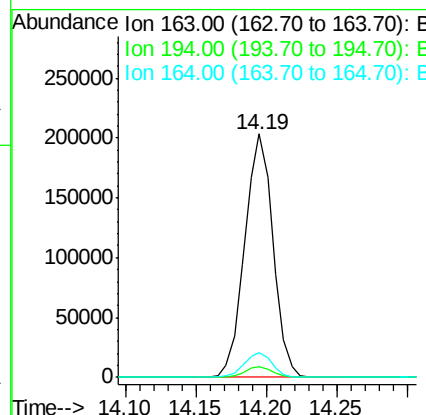
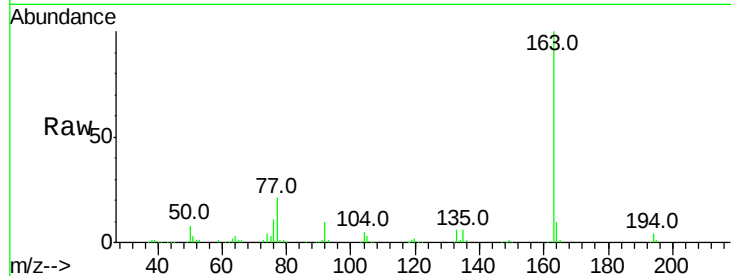
#49
Dimethylphthalate
Concen: 19.53 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	284786		
194	4.2		3.1	4.7
164	10.1		8.8	13.2

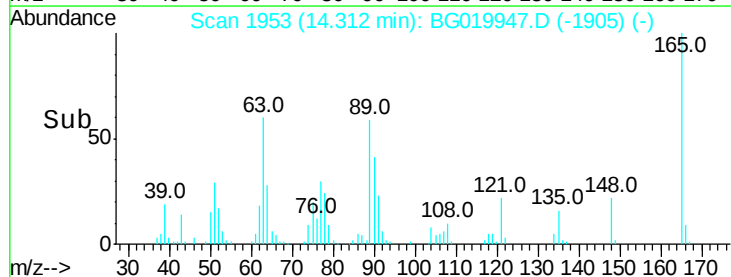
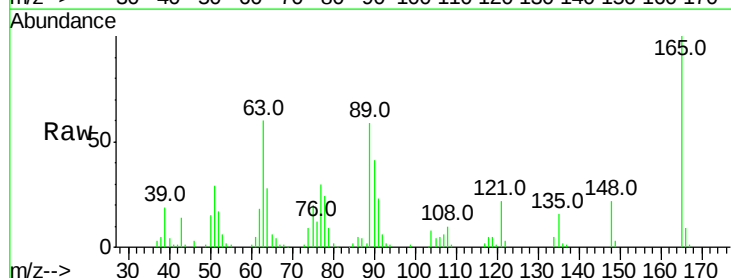
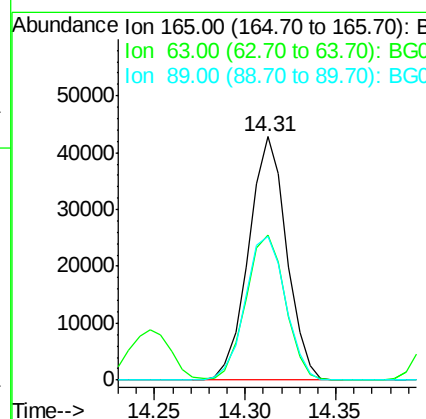
Manual Integrations
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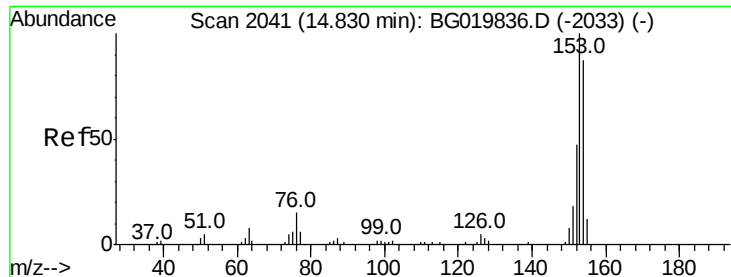
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#50
2,6-Dinitrotoluene
Concen: 22.68 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	62183		
63	59.8		35.7	53.5#
89	58.9		39.7	59.5





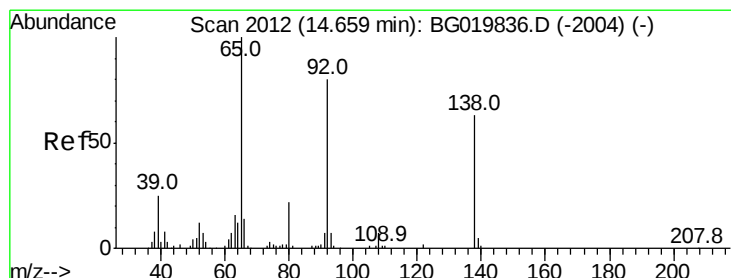
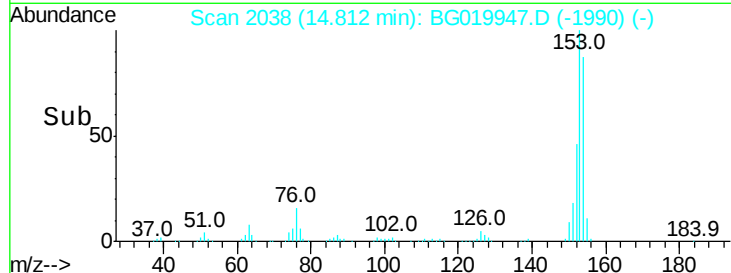
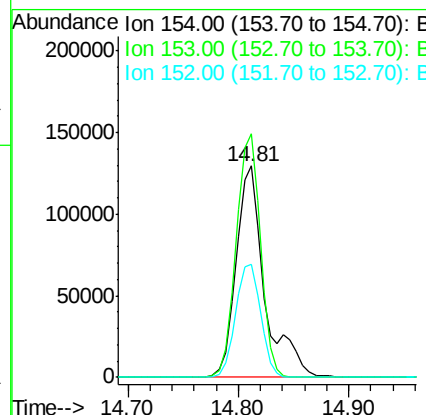
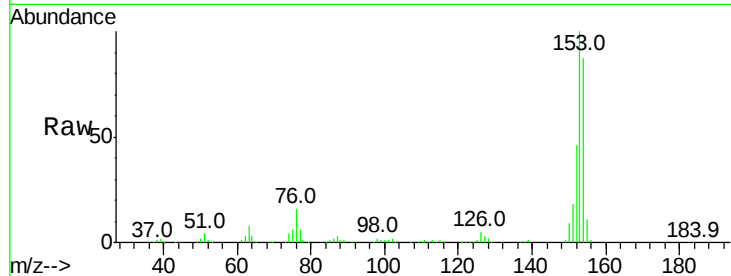
#51
Acenaphthene
Concen: 22.30 ng
RT: 14.81 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.9	139.3
152	53.3	45.8	68.8

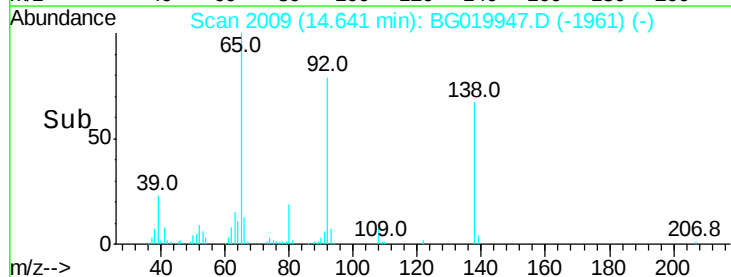
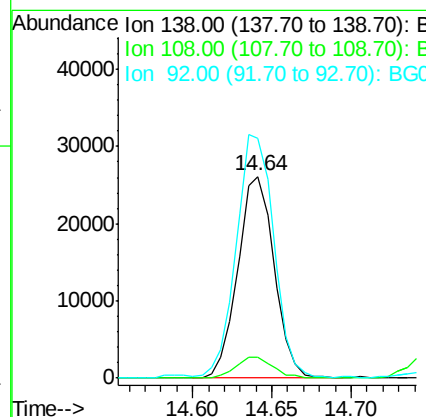
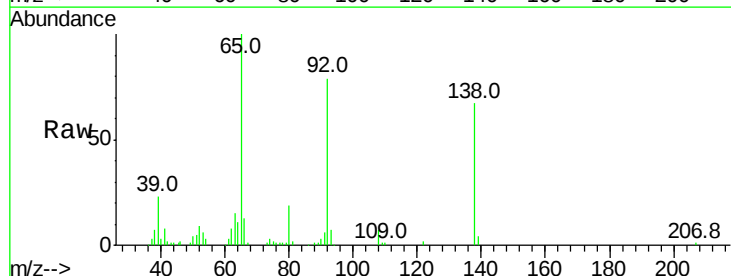
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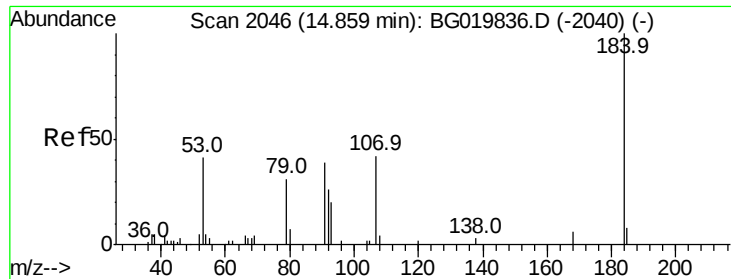
Mmdadoda
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#52
3-Nitroaniline
Concen: 14.60 ng
RT: 14.64 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	119.1	94.2	141.4





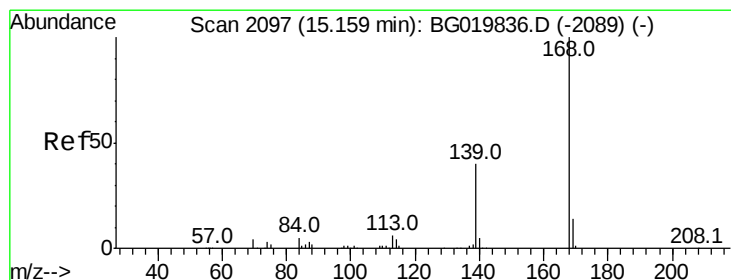
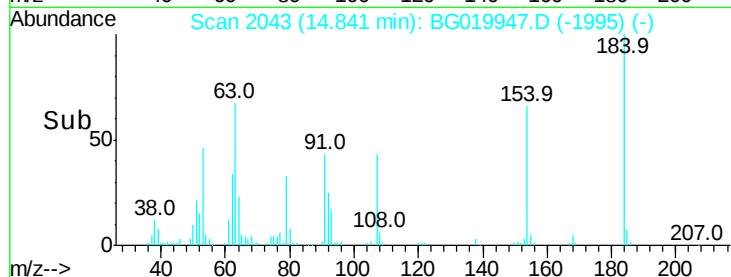
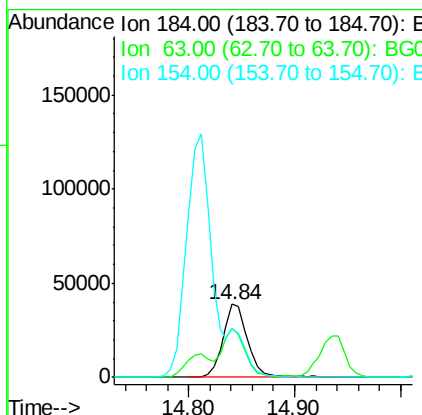
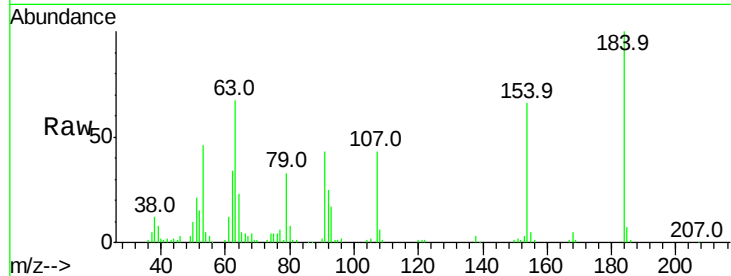
#53
2,4-Dinitrophenol
Concen: 47.54 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.1	42.7	64.1#
154	66.4	44.3	66.5

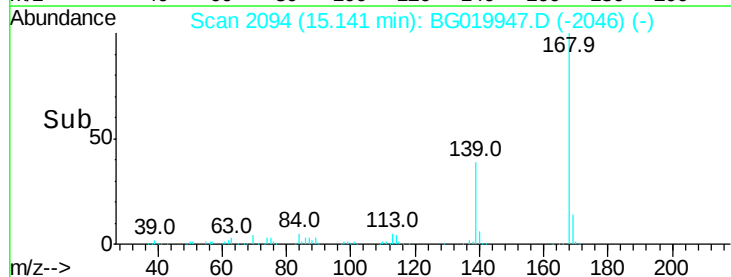
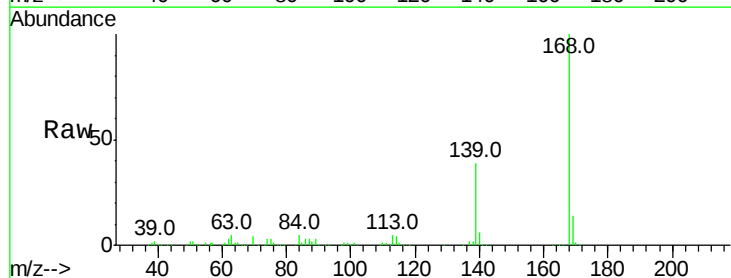
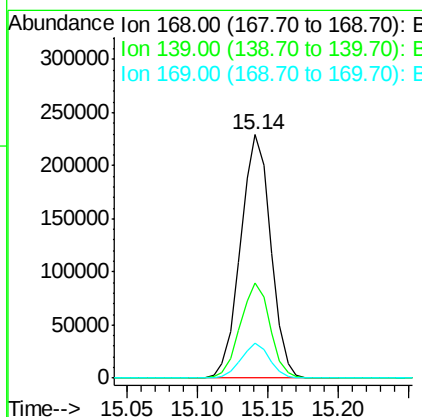
Manual Integrations
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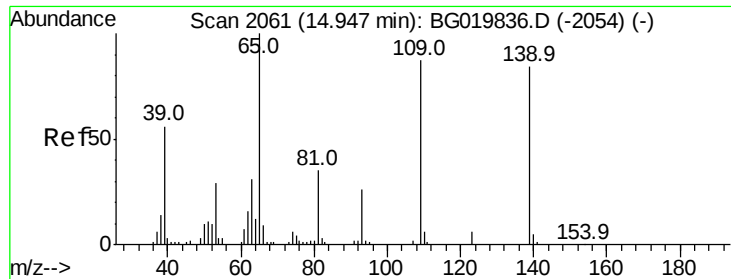
Mmdadoda
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#54
Dibenzofuran
Concen: 21.77 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	27.4	41.0
169	14.3	11.0	16.4





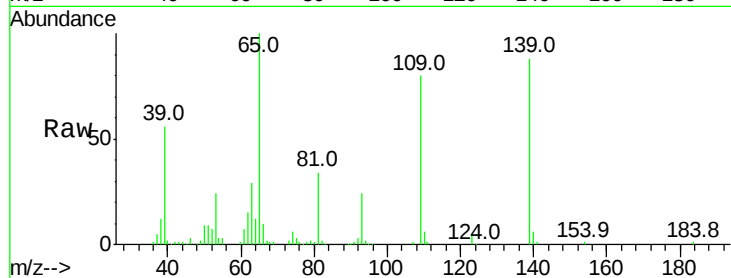
#55
4-Nitrophenol
Concen: 43.29 ng
RT: 14.94 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	90.7	43.2	83.2#	
65	113.2	67.8	107.8#	

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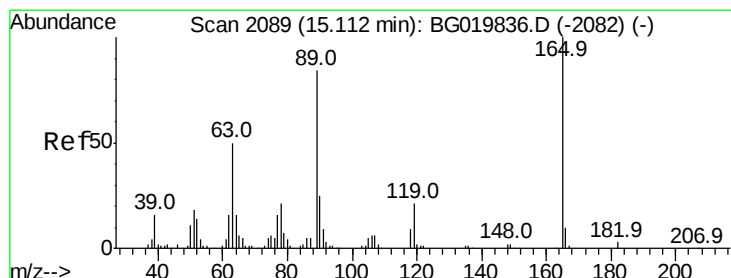
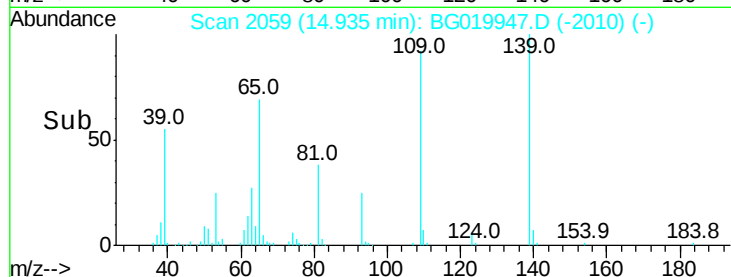
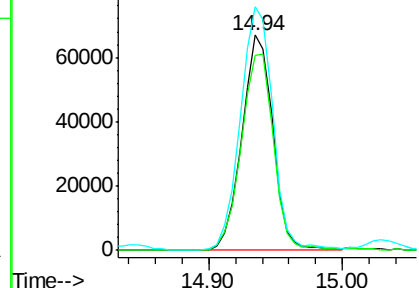


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 23.85 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.4	31.0	46.4	
89	72.7	54.4	81.6	
182	3.1	1.6	2.4#	

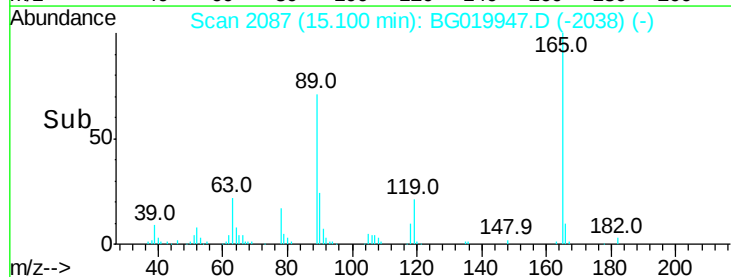
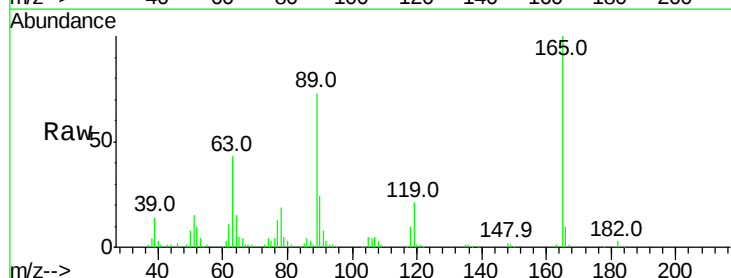
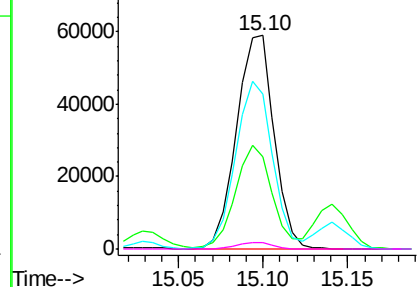
Abundance

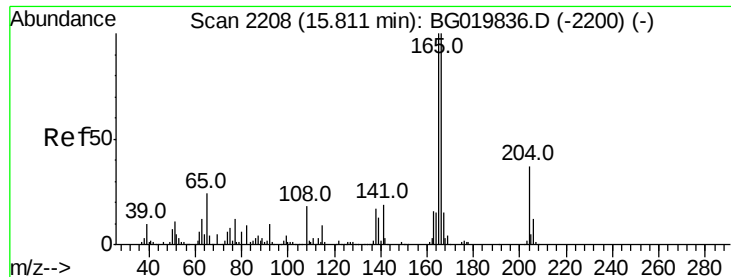
Ion 165.00 (164.70 to 165.70): E

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: 19.88 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

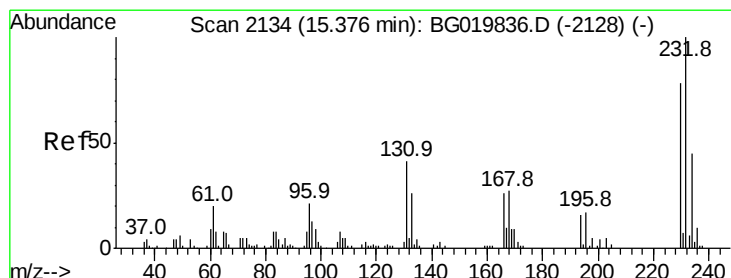
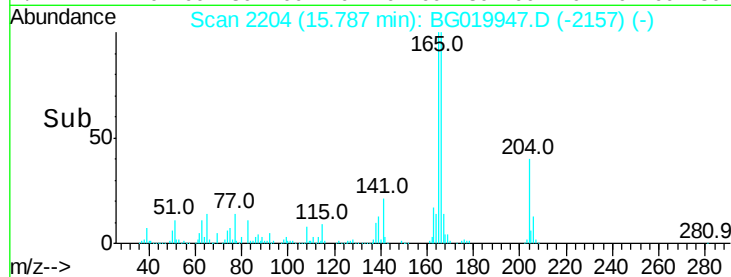
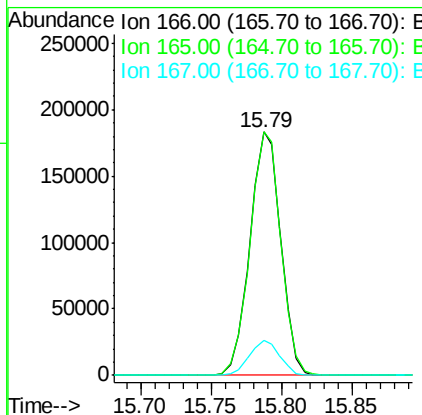
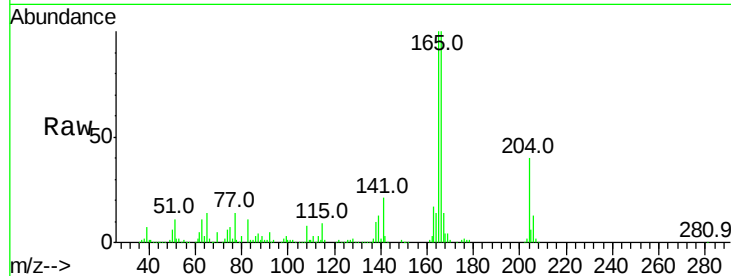
ClientSampleId :

PB87054BSD

Tot Ion:	166	Resp:	280555
Ion Ratio	Lower	Upper	
166	100		
165	100.0	80.0	120.0
167	14.3	11.1	16.7

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 22.49 ng

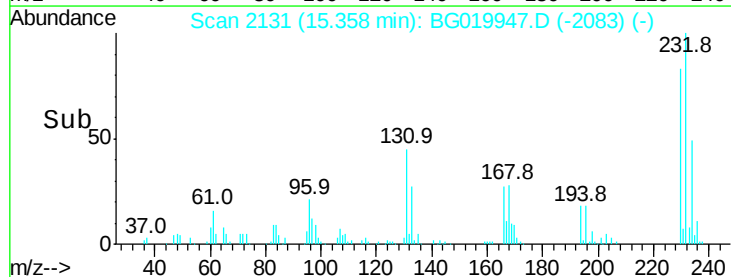
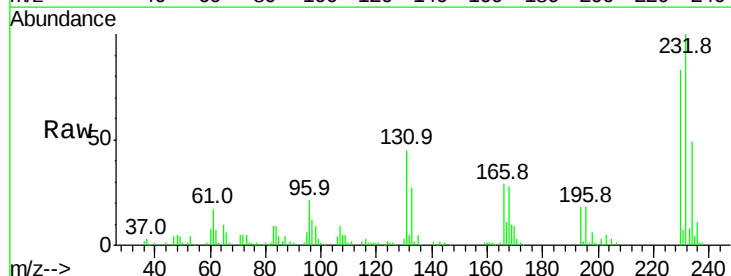
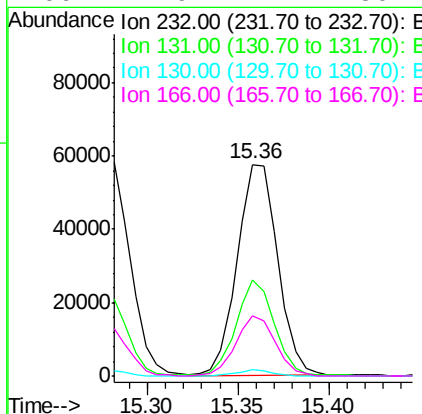
RT: 15.36 min Scan# 2131

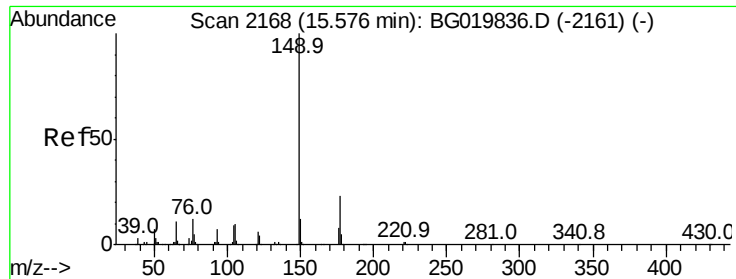
Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	232	Resp:	89602
Ion Ratio	Lower	Upper	
232	100		
131	43.0	33.0	49.6
130	2.3	2.0	3.0
166	27.9	24.1	36.1





#59

Diethylphthalate

Concen: 19.10 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

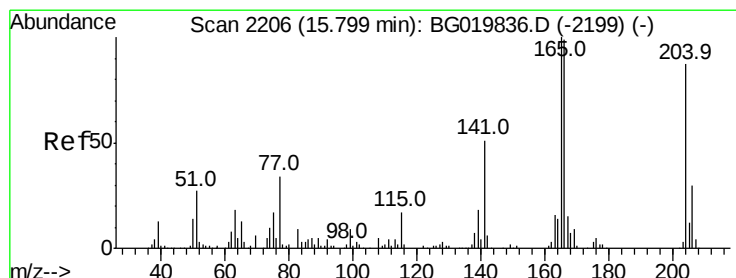
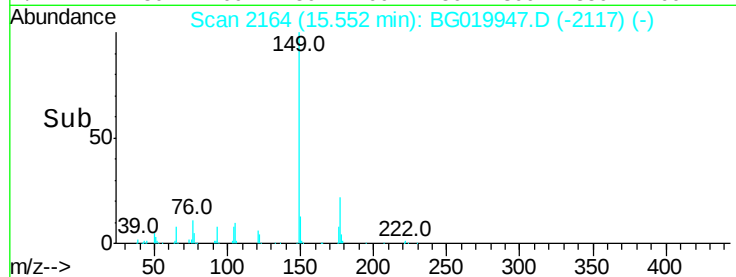
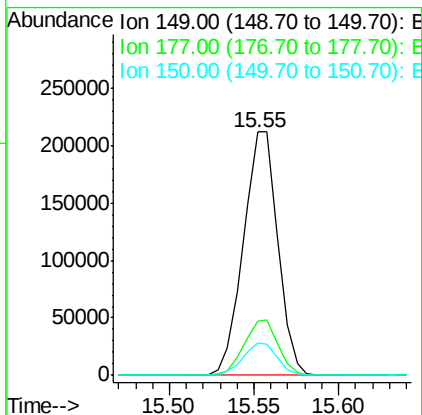
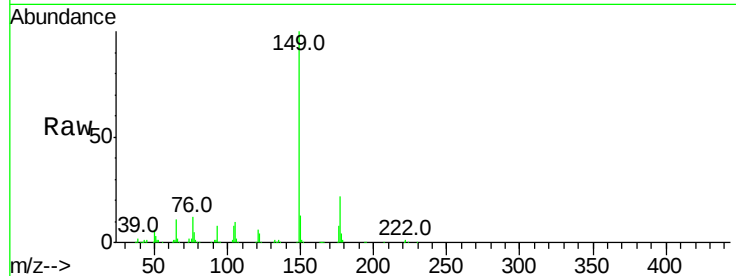
ClientSampleId :

PB87054BSD

Tot Ion:	149	Resp:	301461
Ion Ratio	Lower	Upper	
149	100		
177	22.1	19.6	29.4
150	13.1	10.2	15.2

Manual Integrations
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Mmdadoda
12/7/2015 6:31:41 PM



#60

4-Chlorophenyl-phenylether

Concen: 18.96 ng

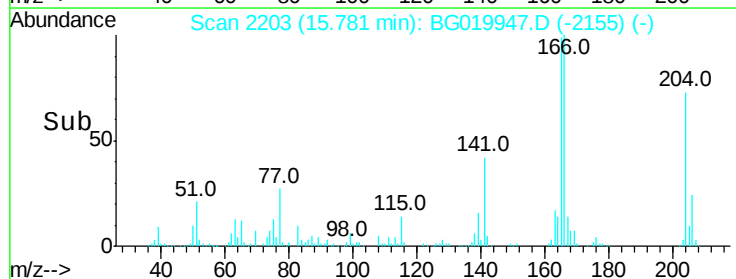
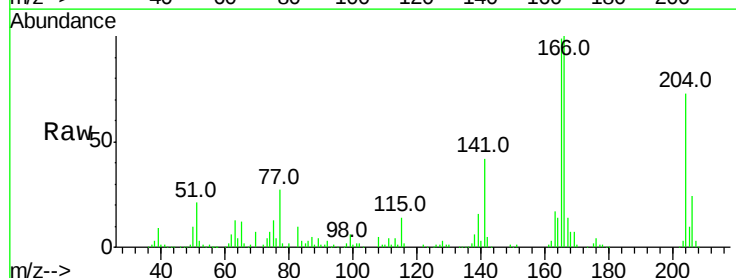
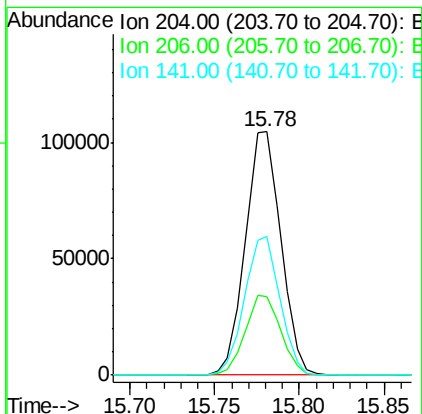
RT: 15.78 min Scan# 2203

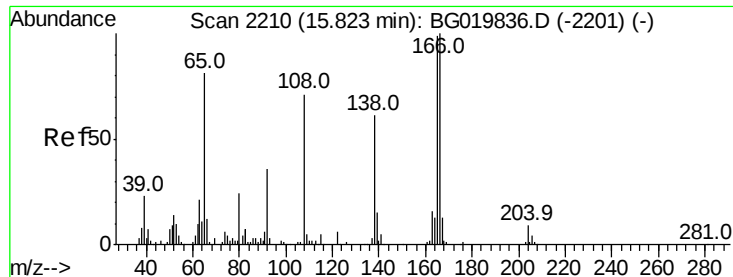
Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	204	Resp:	153661
Ion Ratio	Lower	Upper	
204	100		
206	32.2	28.3	42.5
141	57.1	44.0	66.0





#61

4-Nitroaniline

Concen: 21.78 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG019947.D

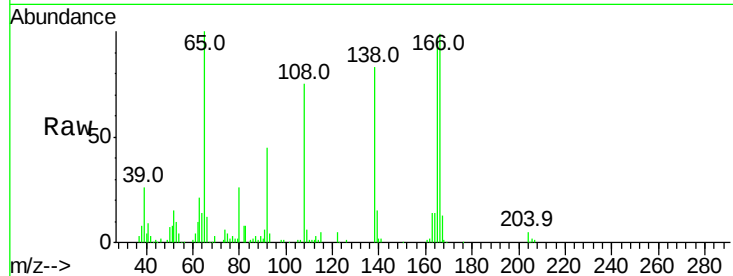
Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

ClientSampled :

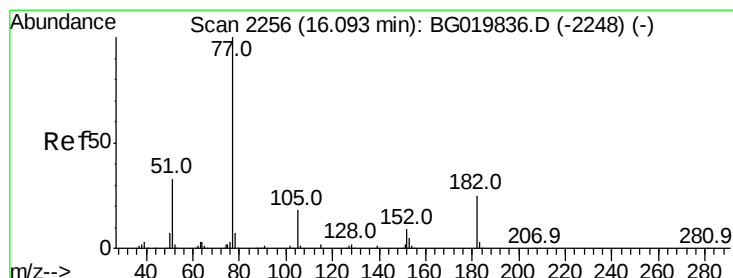
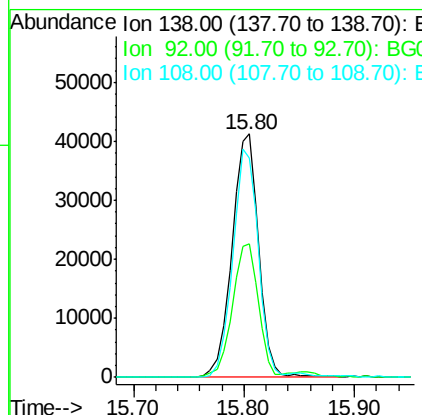
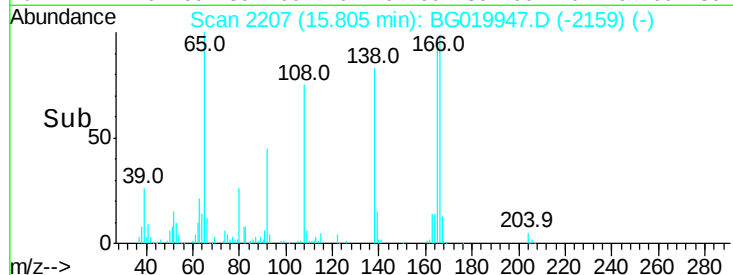
PB87054BSD



Tot Ion:	138	Resp:	69756
Ion Ratio	Lower	Upper	
138	100		
92	54.7	29.1	69.1
108	90.3	49.8	89.8

Manual Integrations
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#62

Azobenzene

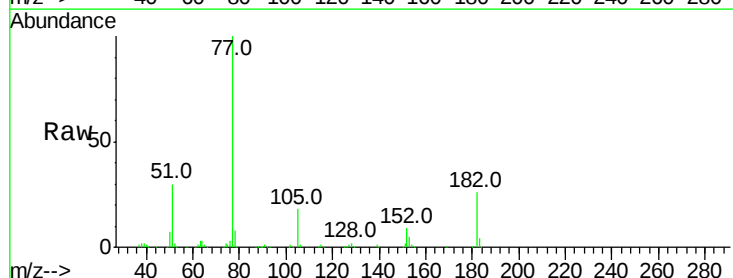
Concen: 21.74 ng

RT: 16.07 min Scan# 2252

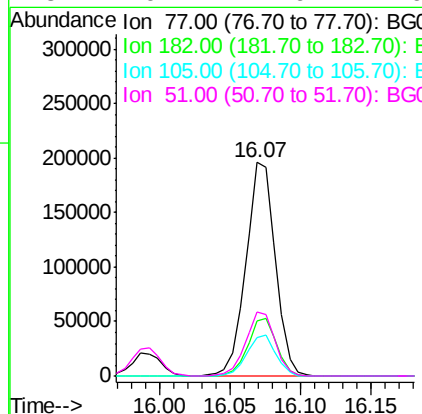
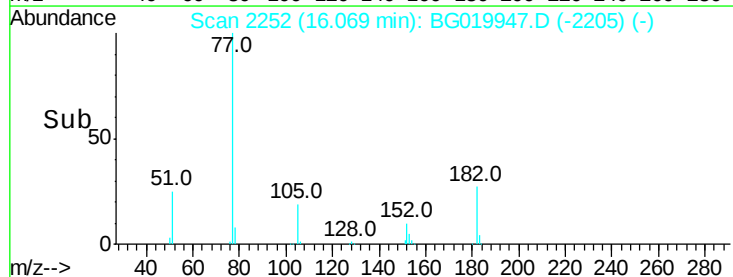
Delta R.T. -0.02 min

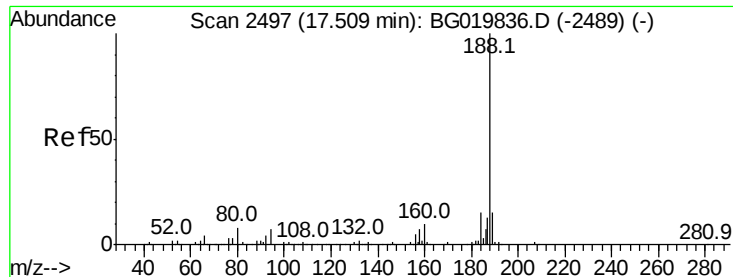
Lab File: BG019947.D

Acq: 5 Dec 2015 18:17



Tgt Ion:	77	Resp:	285500
Ion Ratio	Lower	Upper	
77	100		
182	25.6	7.0	47.0
105	18.2	1.4	41.4
51	29.7	4.9	44.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

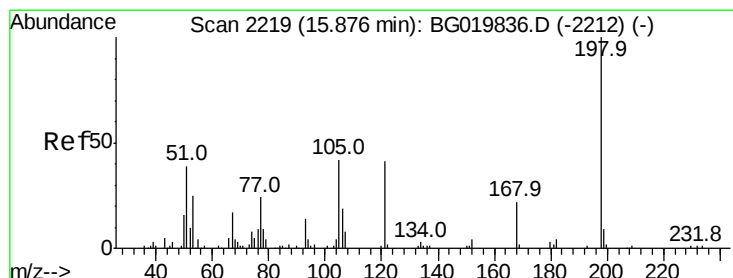
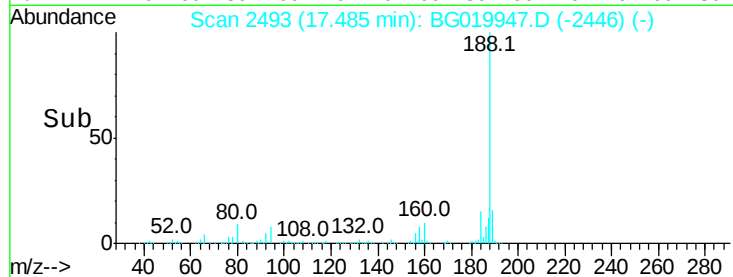
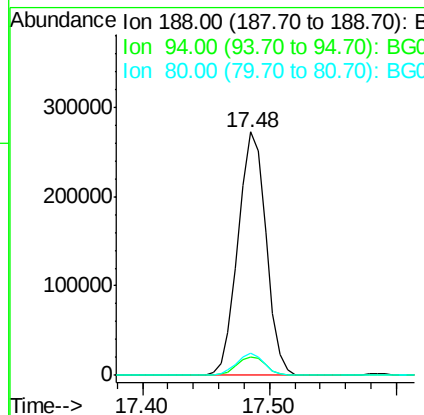
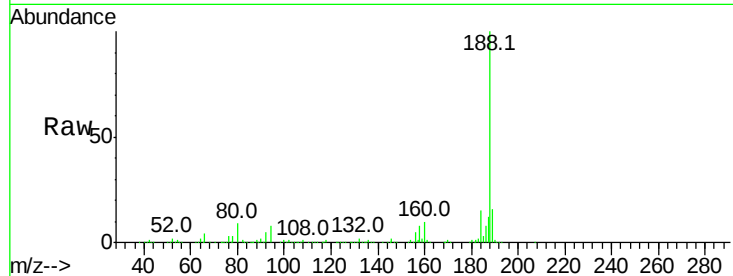
ClientSampleId :

PB87054BSD

Tot Ion:	188	Resp:	416371
Ion Ratio	Lower	Upper	
188	100		
94	7.7	7.7	11.5
80	9.3	7.8	11.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 25.84 ng

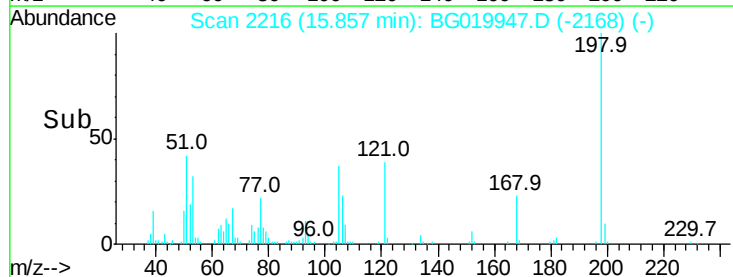
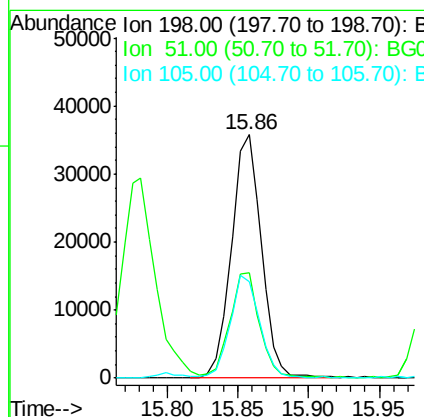
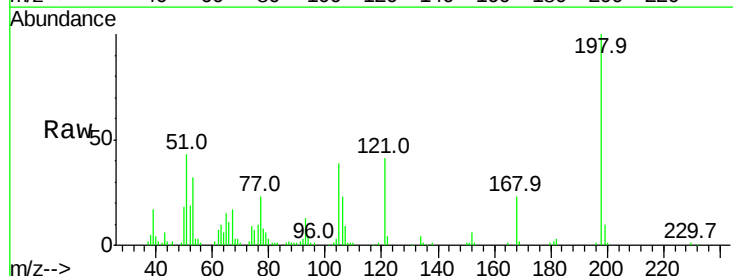
RT: 15.86 min Scan# 2216

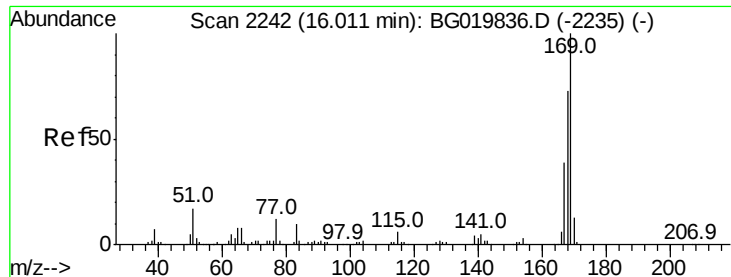
Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	198	Resp:	52886
Ion Ratio	Lower	Upper	
198	100		
51	43.1	14.2	54.2
105	39.4	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 21.48 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

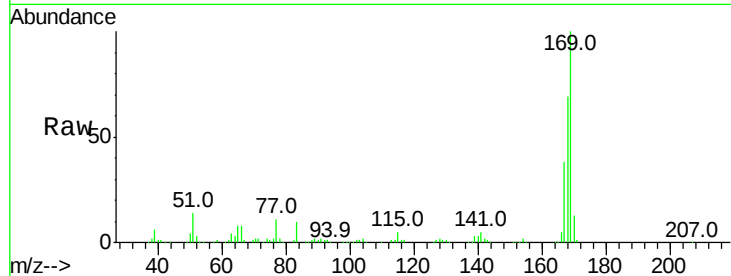
ClientSampleId :

PB87054BSD

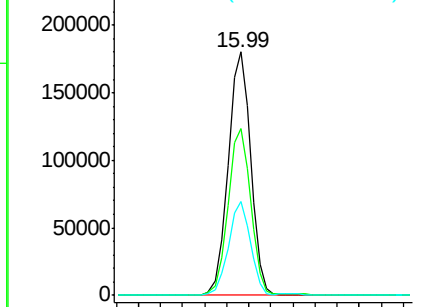
Tot Ion:	169	Resp:	258858
Ion Ratio	Lower	Upper	
169	100		
168	68.5	58.2	87.2
167	38.3	32.7	49.1

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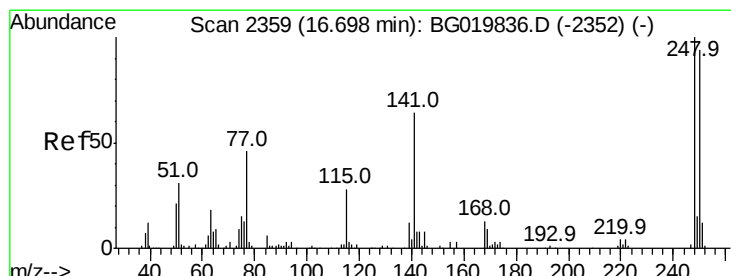
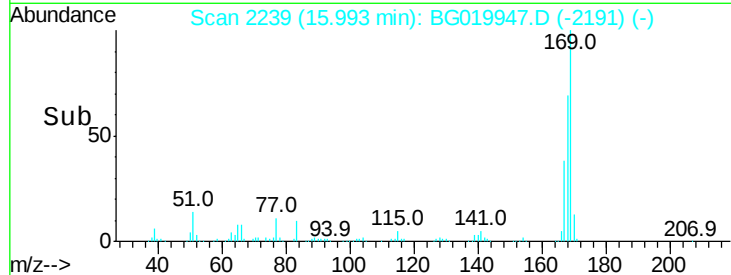
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 19.82 ng

RT: 16.67 min Scan# 2355

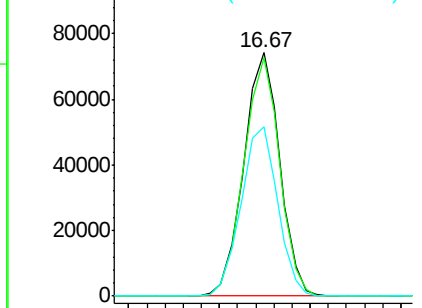
Delta R.T. -0.02 min

Lab File: BG019947.D

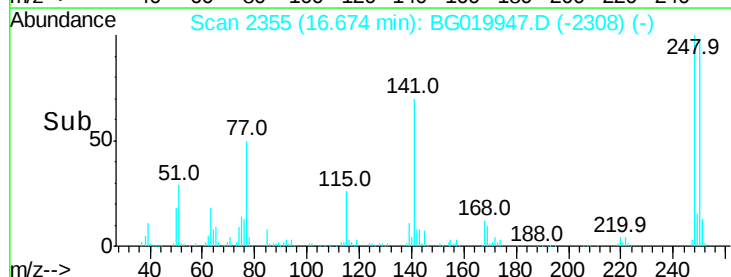
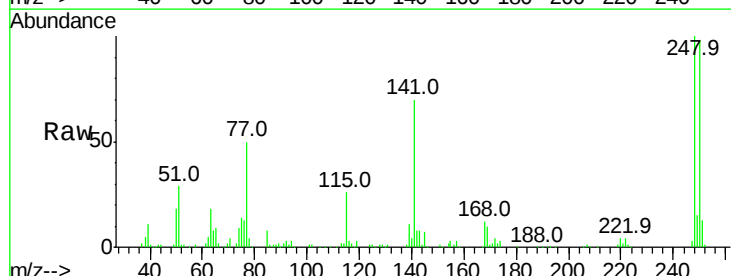
Acq: 5 Dec 2015 18:17

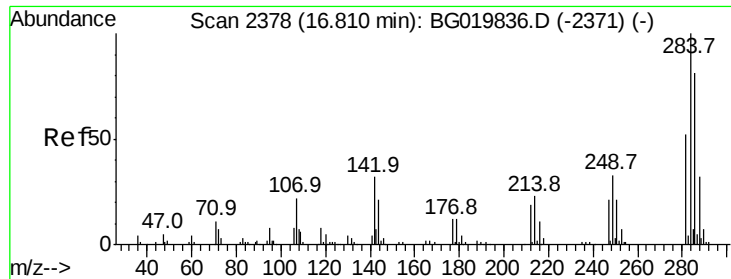
Tgt Ion:	248	Resp:	102556
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.8	116.8
141	69.7	50.4	75.6

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



Time-->





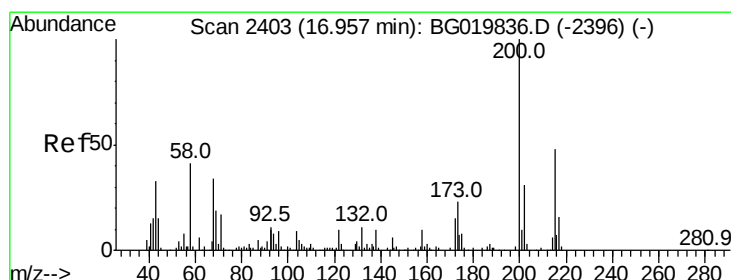
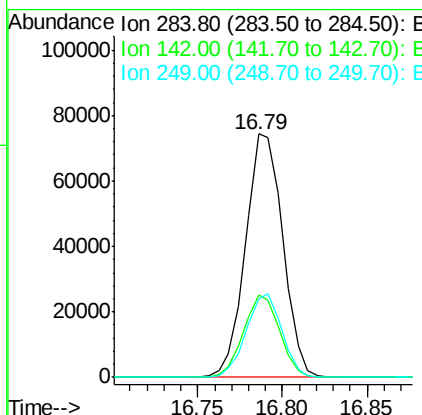
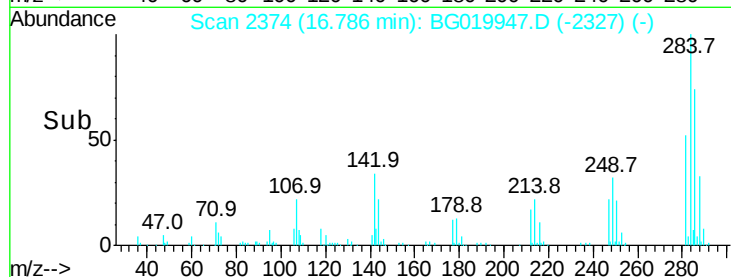
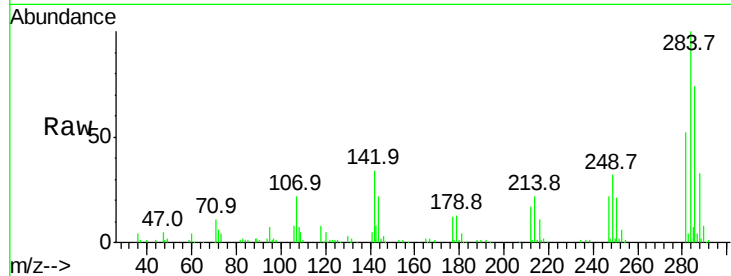
#67
Hexachlorobenzene
Concen: 21.15 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.9	26.6	39.8	
249	32.2	26.2	39.2	

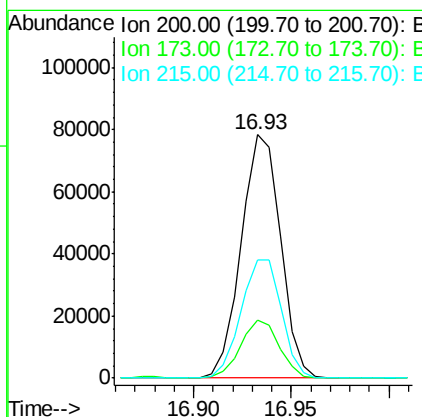
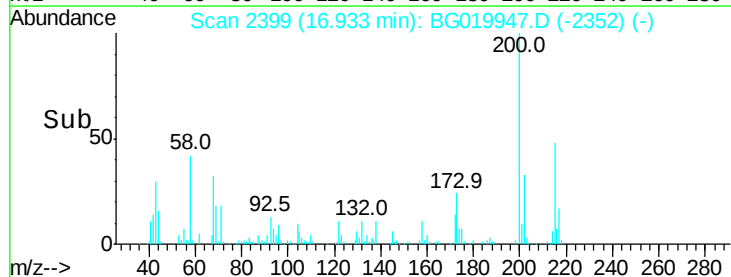
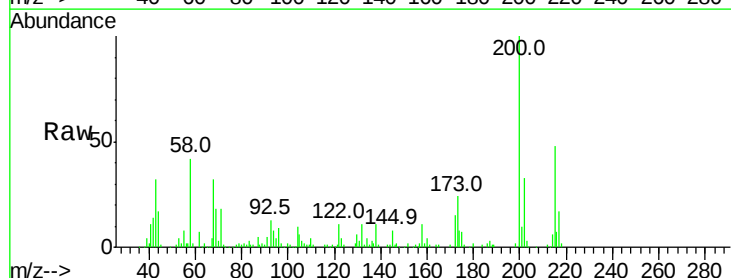
Manual Integrations
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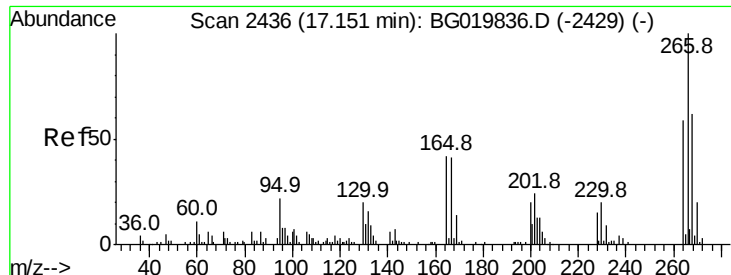
Mmdadoda
12/7/2015 6:31:41 PM



#68
Atrazine
Concen: 20.93 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.1	5.2	45.2	
215	48.5	27.0	67.0	





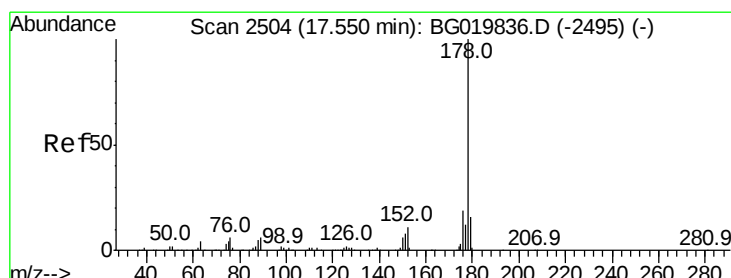
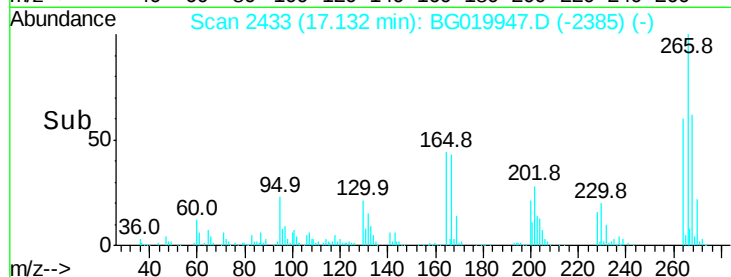
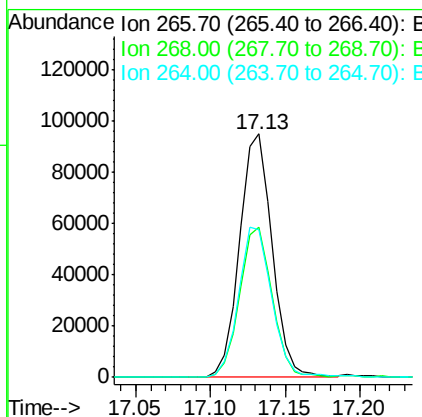
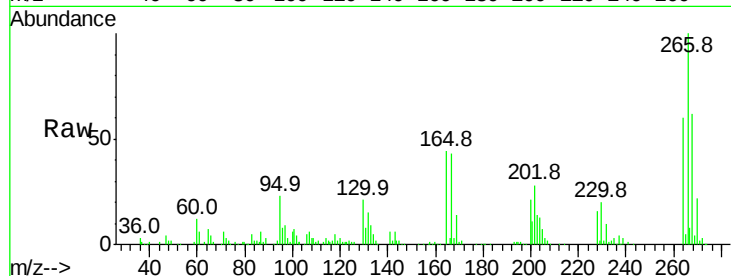
#69
 Pentachlorophenol
 Concen: 45.75 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.7	47.6	71.4	
264	60.4	48.1	72.1	

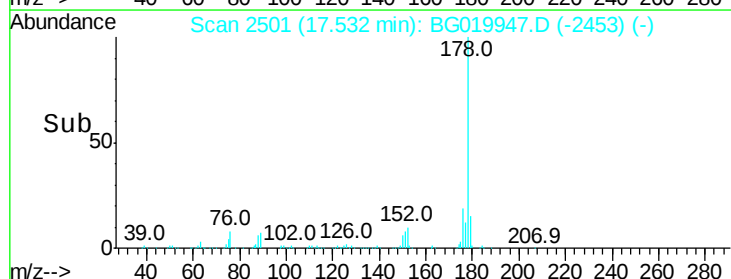
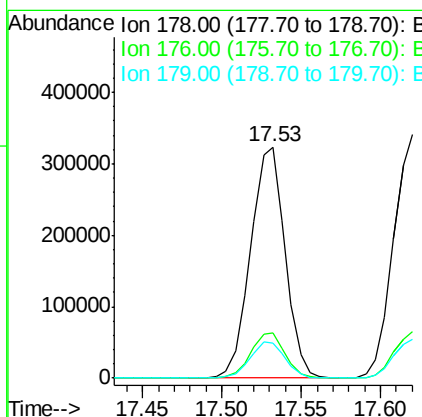
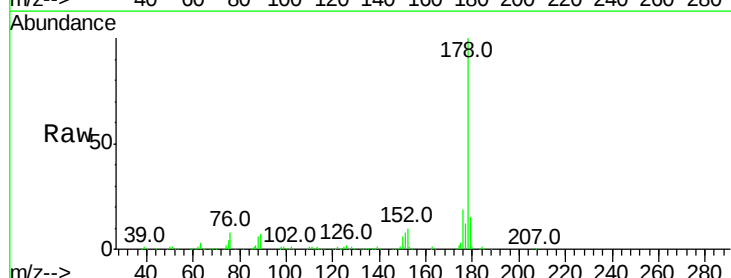
Manual Integrations
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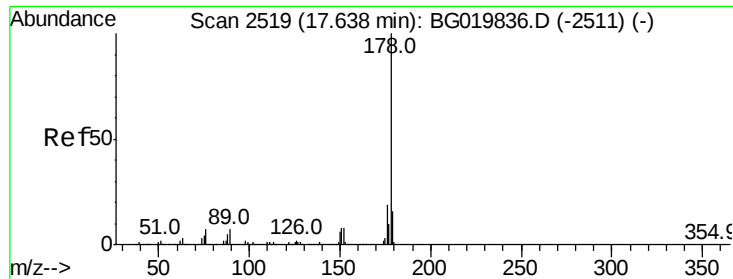
Mmdadoda
 12/7/2015 6:31:41 PM



#70
 Phenanthrene
 Concen: 20.76 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.3	16.7	25.1	
179	15.4	13.9	20.9	





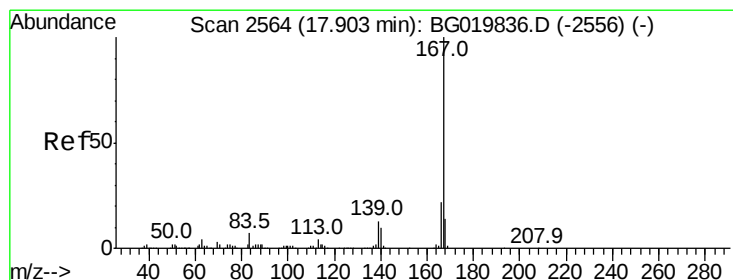
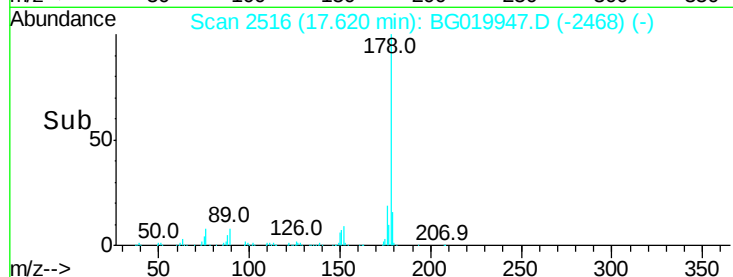
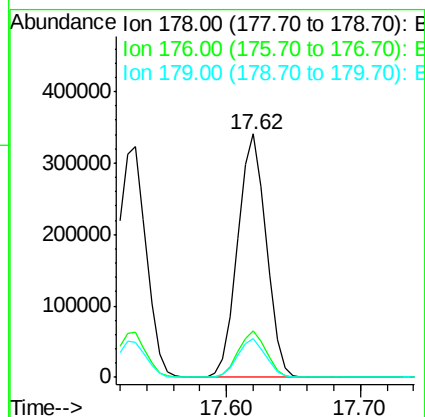
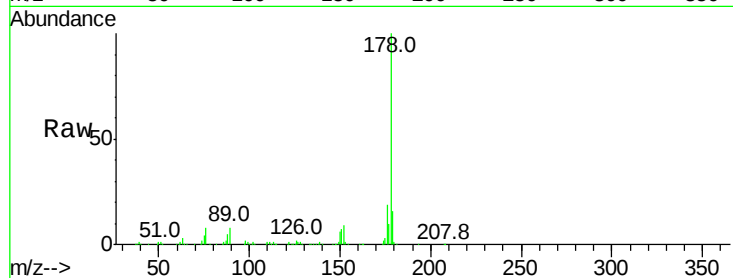
#71
 Anthracene
 Concen: 21.02 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.8	25.2
179	15.8	13.9	20.9

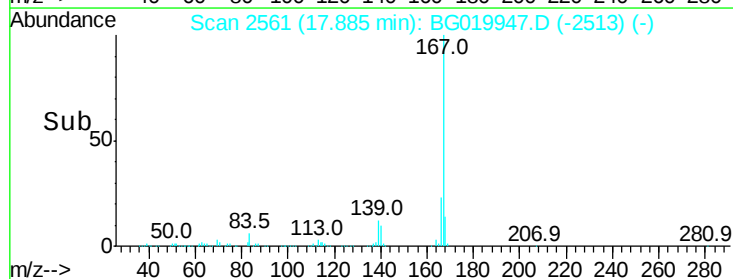
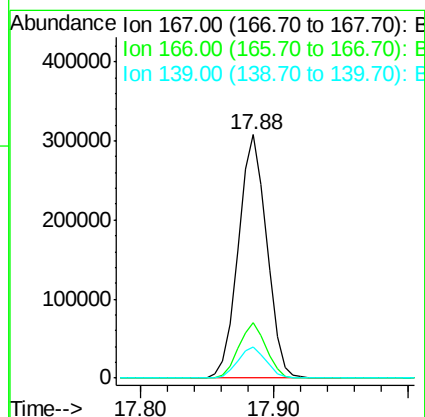
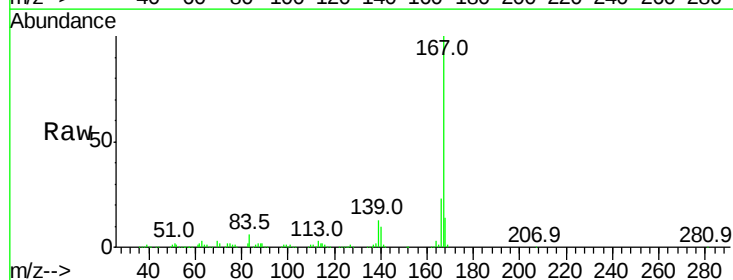
Manual Integrations
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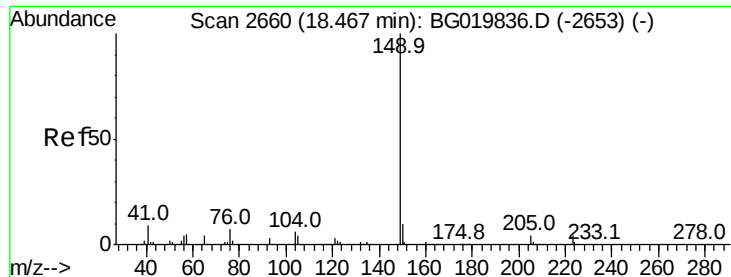
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 12/7/2015 6:31:41 PM



#72
 Carbazole
 Concen: 21.44 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.0	28.6
139	12.8	10.2	15.4





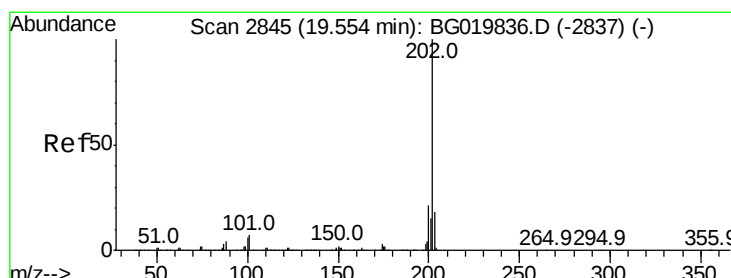
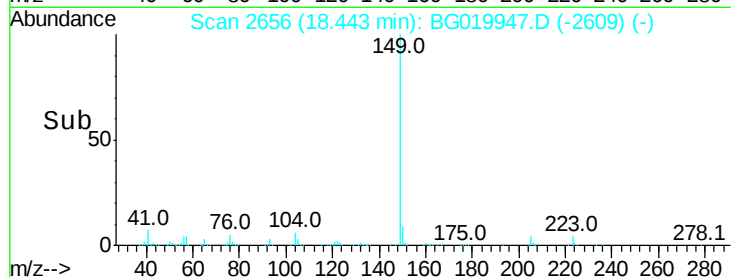
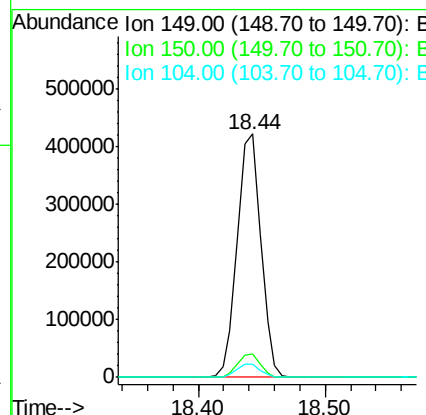
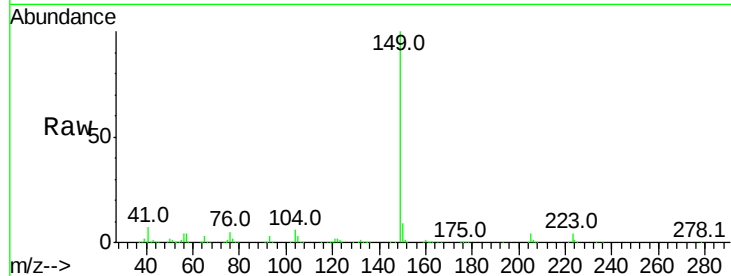
#73
Di-n-butylphthalate
Concen: 20.87 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.5	8.2	12.4
104	5.6	4.4	6.6

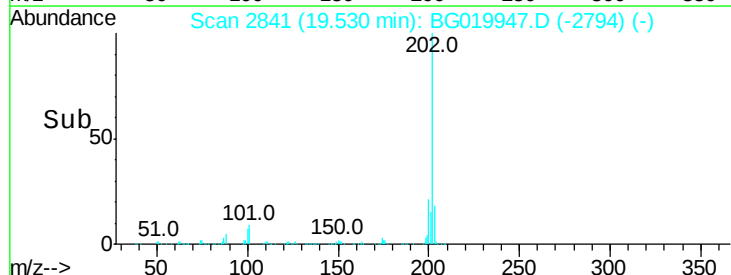
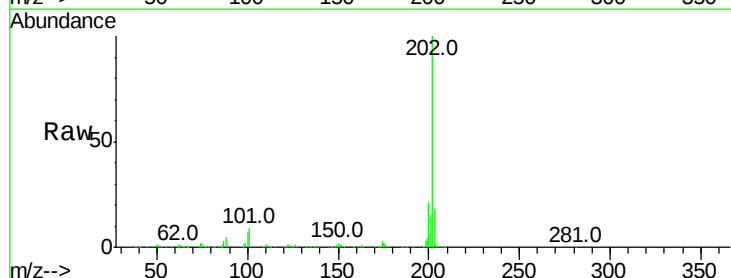
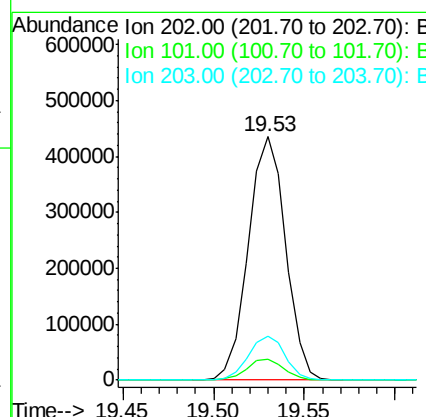
Manual Integrations
APPROVED

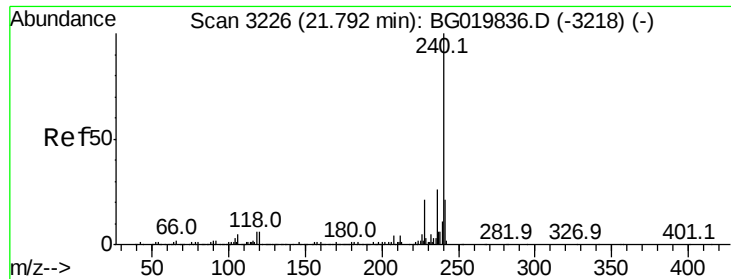
Mmdadoda
12/7/2015 6:31:41 PM



#74
Fluoranthene
Concen: 20.57 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	0.0	32.4
203	18.2	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

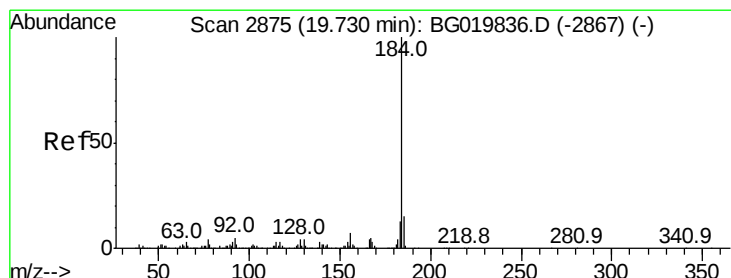
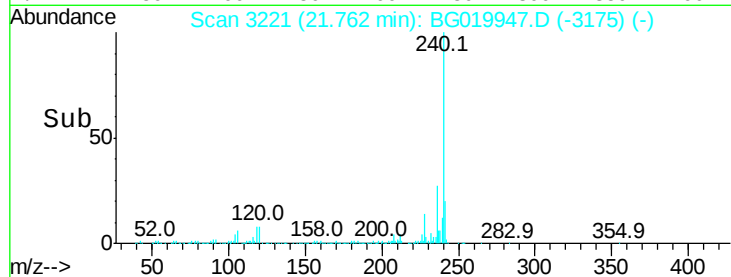
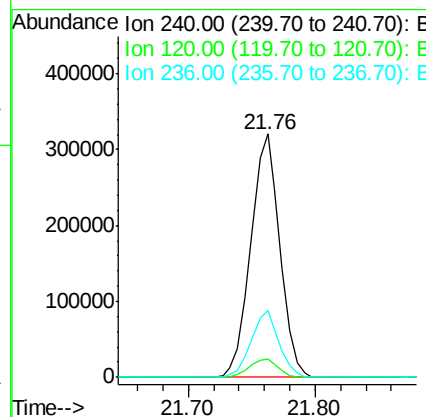
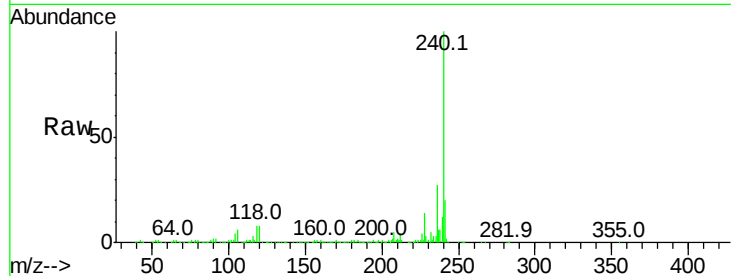
ClientSampleId :

PB87054BSD

Tot Ion:	240	Resp:	509987
Ion Ratio	Lower	Upper	
240	100		
120	7.5	7.4	11.0
236	27.5	20.7	31.1

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#76

Benzidine

Concen: 7.67 ng

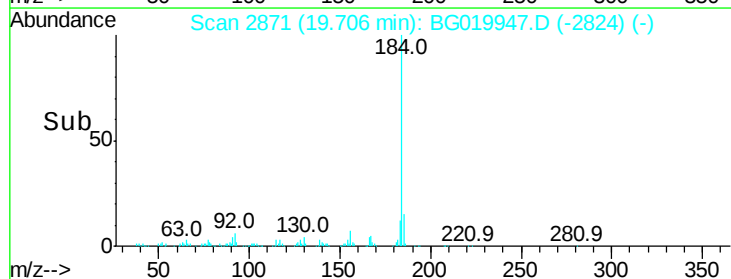
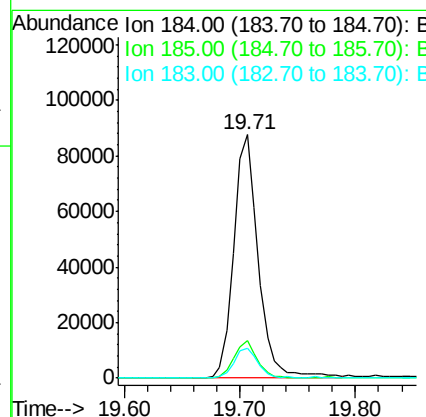
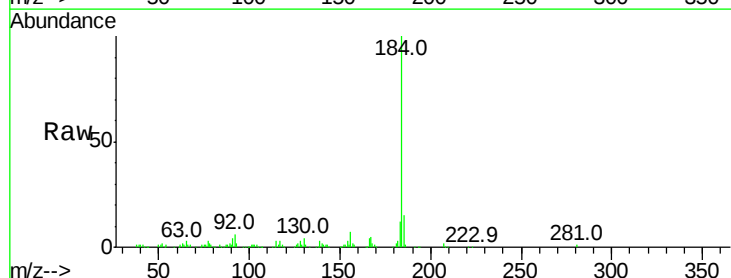
RT: 19.71 min Scan# 2871

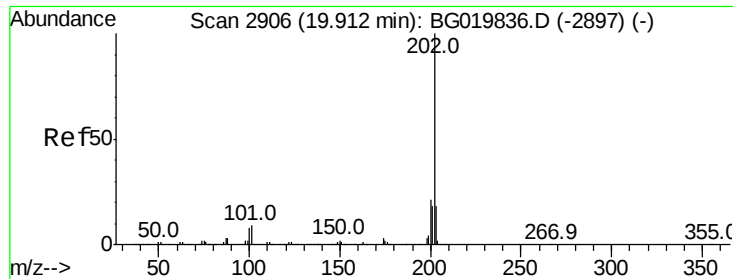
Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	184	Resp:	128570
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.4	20.2
183	12.1	10.1	15.1





#77

Pvrene

Concen: 21.48 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

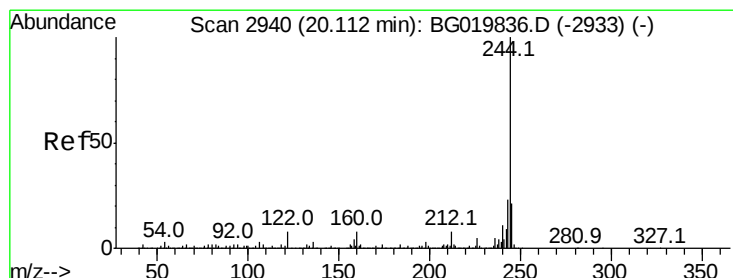
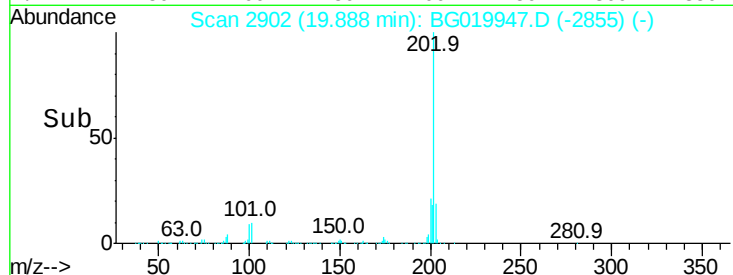
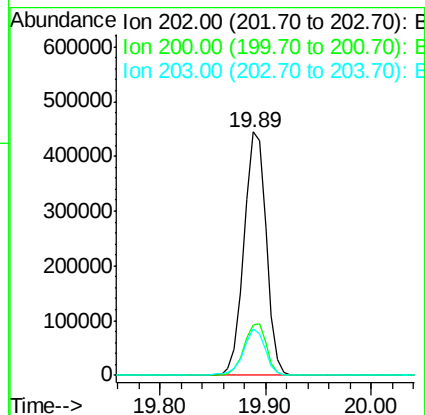
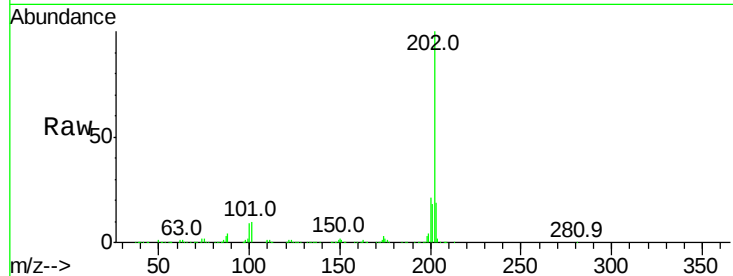
ClientSampleId :

PB87054BSD

Tot Ion:	202	Resp:	644332
Ion Ratio		Lower	Upper
202	100		
200	20.7	19.4	29.0
203	18.9	15.5	23.3

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#78

Terphenyl-d14

Concen: 40.94 ng

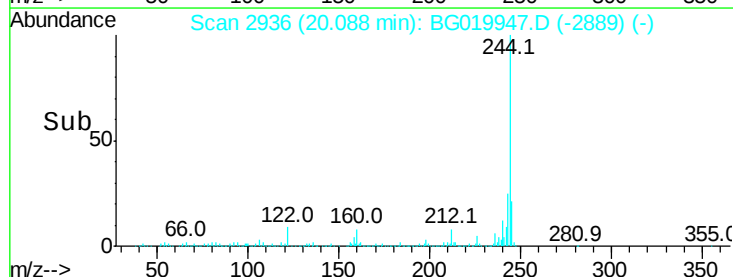
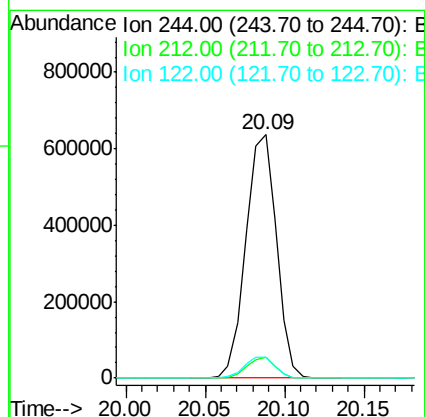
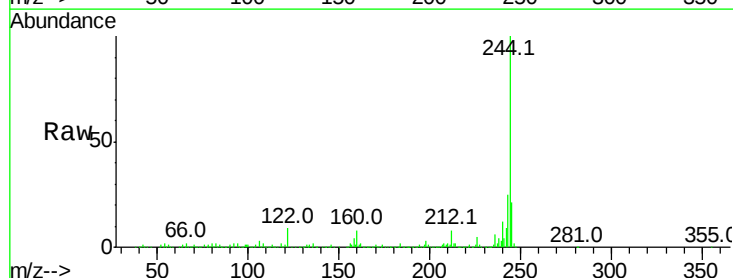
RT: 20.09 min Scan# 2936

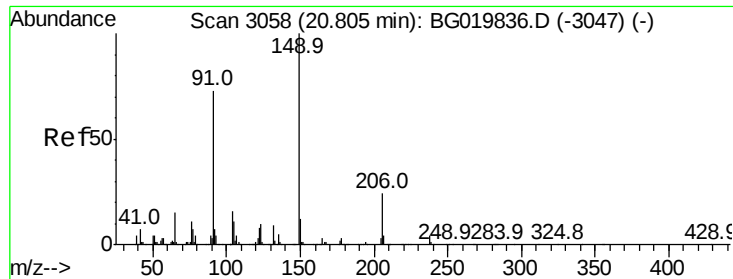
Delta R.T. -0.02 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	244	Resp:	856077
Ion Ratio		Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.6	10.2	15.2#





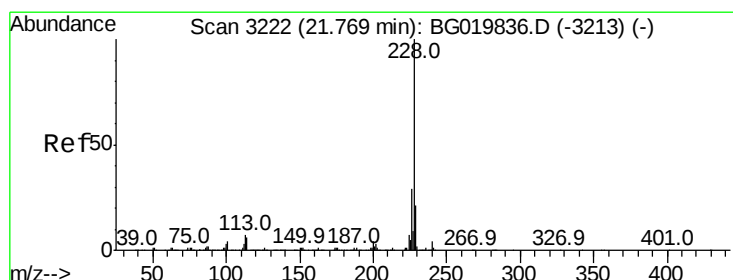
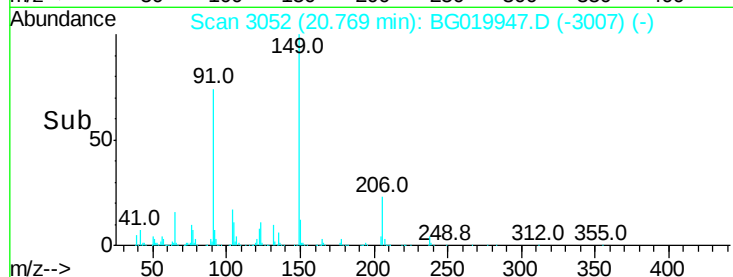
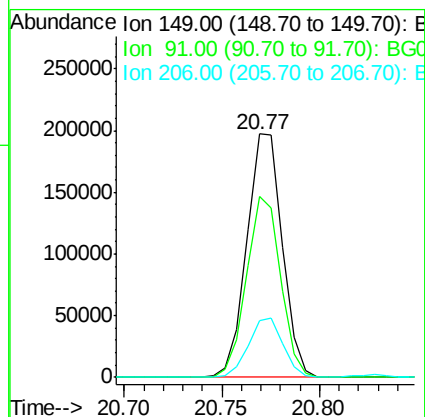
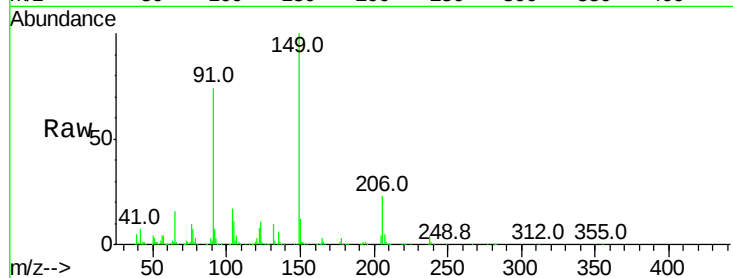
#79
Butylbenzylphthalate
Concen: 21.13 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.04 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	248449		
91	74.1	58.1	87.1	
206	23.4	17.8	26.8	

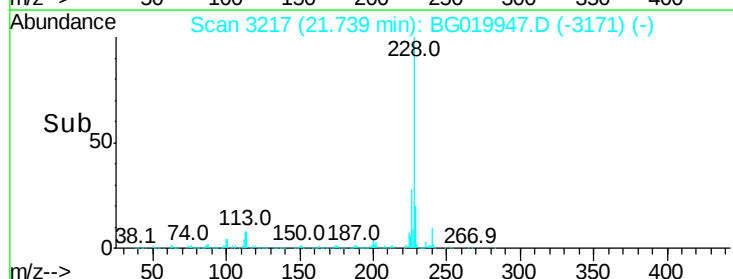
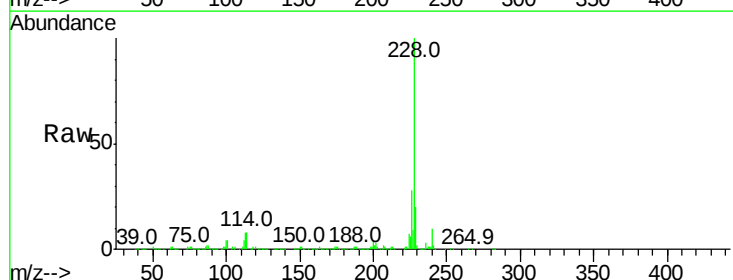
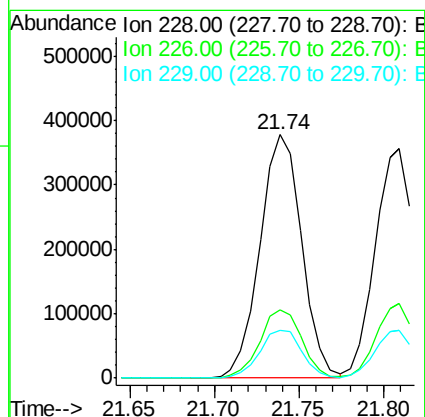
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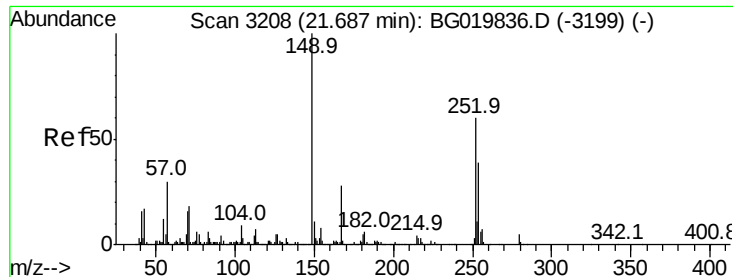
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#80
Benzo(a)anthracene
Concen: 20.82 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019947.D
Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	649929		
226	28.2	23.4	35.0	
229	19.7	16.6	25.0	





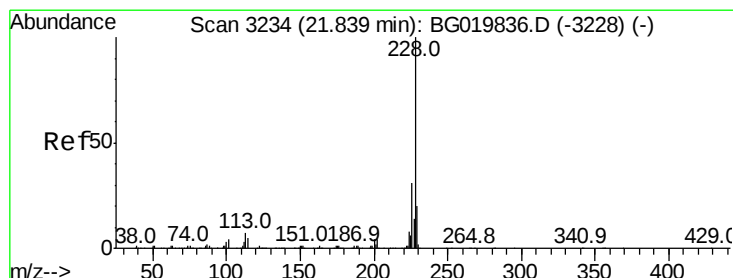
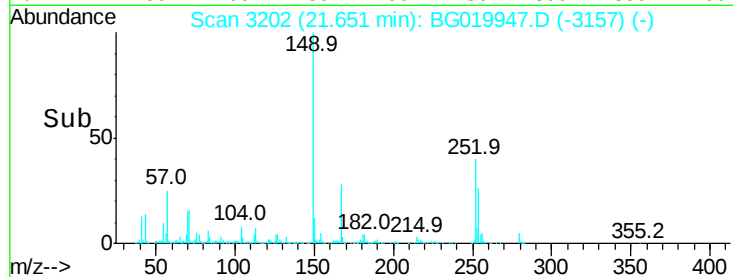
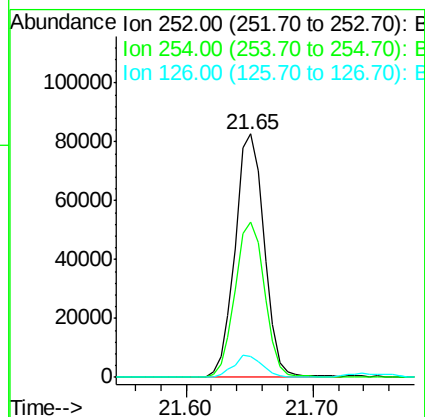
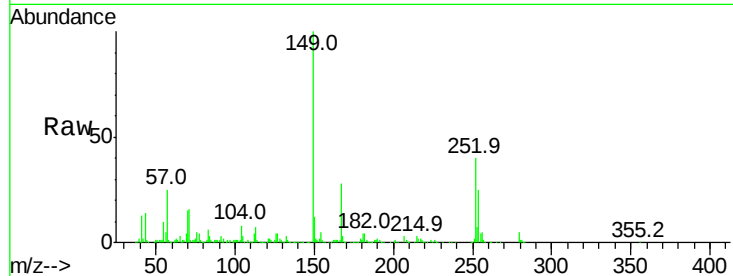
#81
 3,3'-Dichlorobenzidine
 Concen: 11.04 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampled :
 PB87054BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	131264		
254	63.8	52.5	78.7	
126	8.8	8.5	12.7	

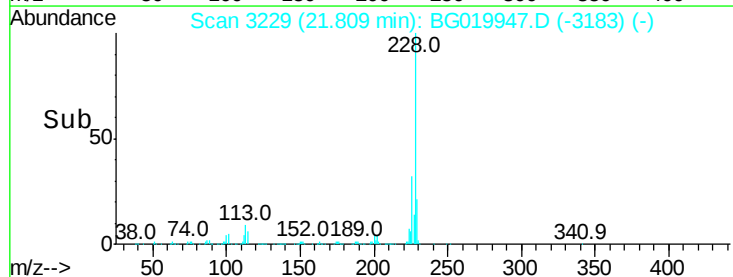
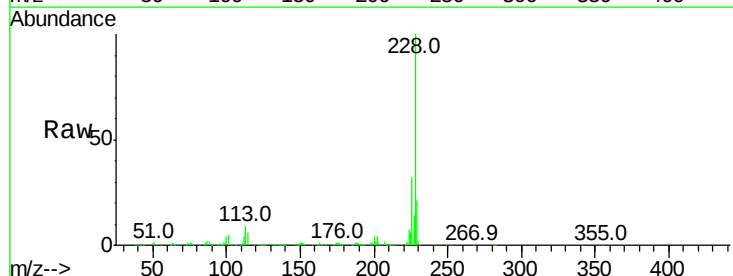
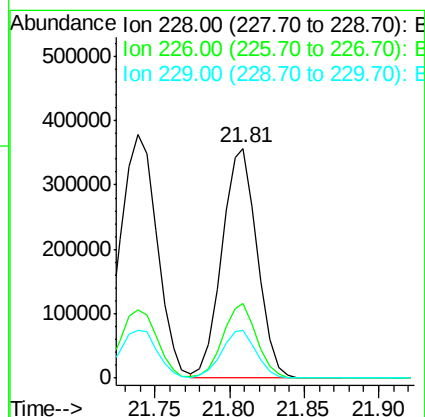
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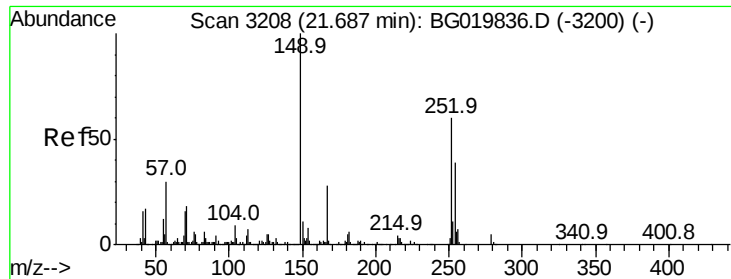
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#82
 Chrysene
 Concen: 19.77 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	586004		
226	32.4	26.7	40.1	
229	20.9	17.0	25.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 20.86 ng

RT: 21.64 min Scan# 3201

Delta R.T. -0.04 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

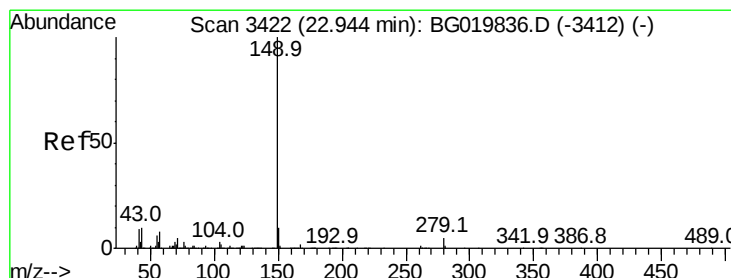
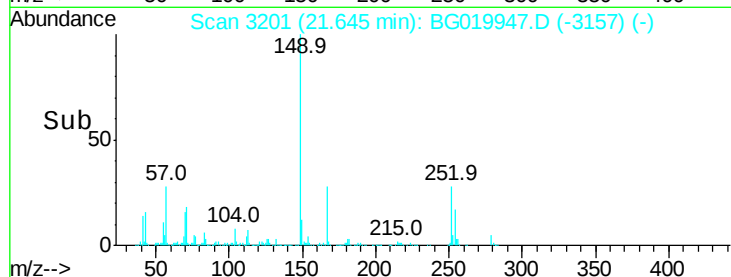
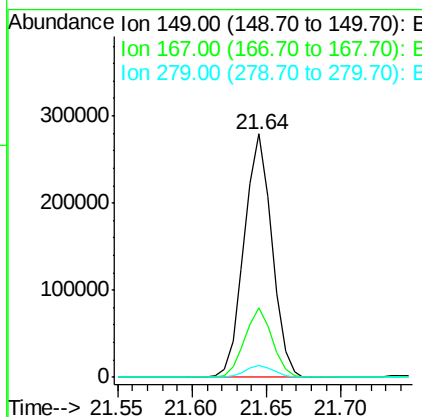
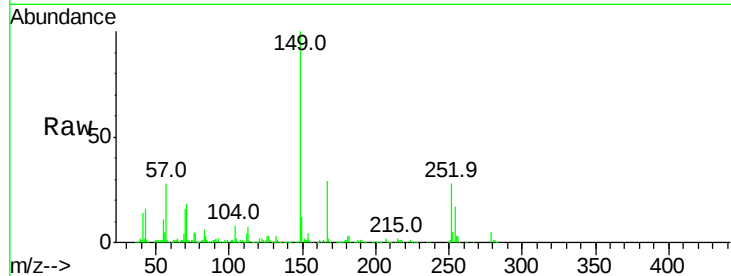
ClientSampleId :

PB87054BSD

Tot Ion:	149	Resp:	360019
Ion Ratio	Lower	Upper	
149	100		
167	28.5	23.8	35.8
279	4.9	3.4	5.2

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#84

Di-n-octyl phthalate

Concen: 22.06 ng

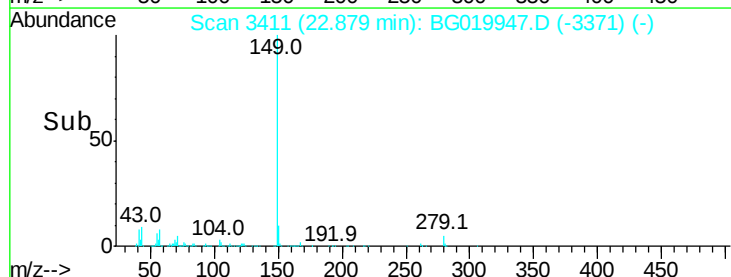
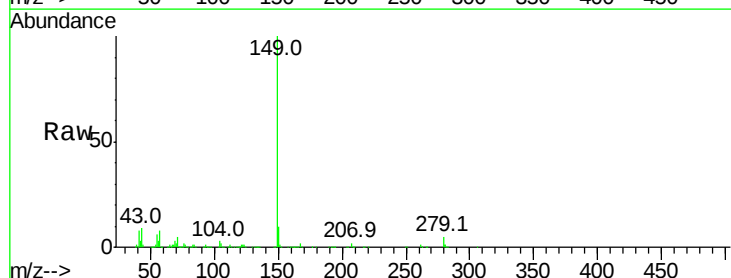
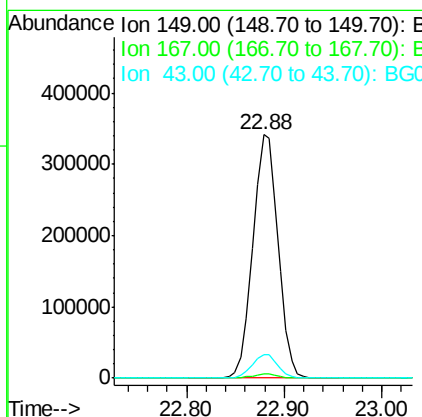
RT: 22.88 min Scan# 3411

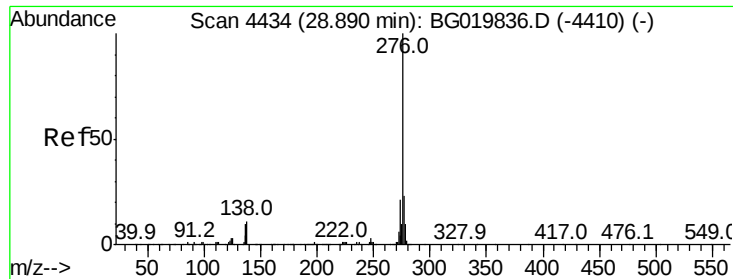
Delta R.T. -0.07 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion:	149	Resp:	618988
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	9.9	5.9	8.9#





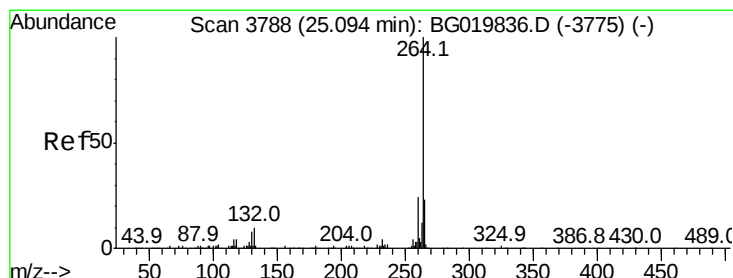
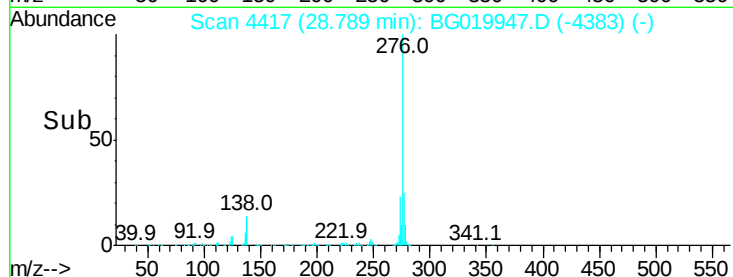
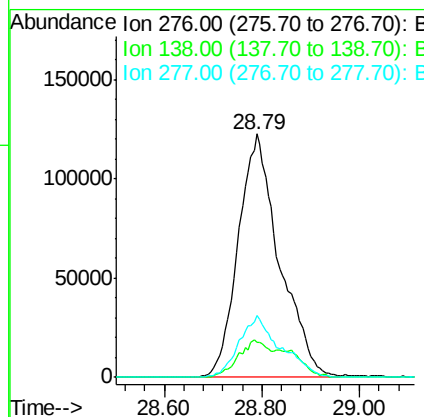
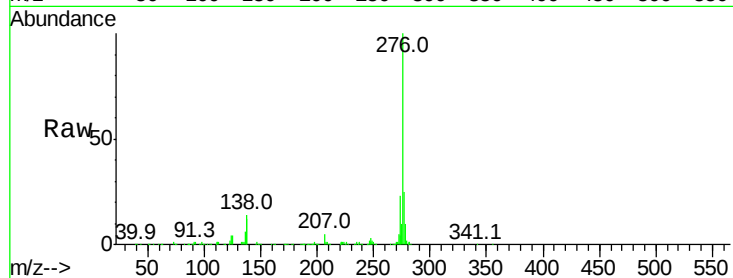
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.98 ng
 RT: 28.79 min Scan# 4417
 Delta R.T. -0.10 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion:	276	Resp:	717556
Ion Ratio	Lower	Upper	
276	100		
138	11.6	0.0	0.0#
277	25.5	0.0	0.0#

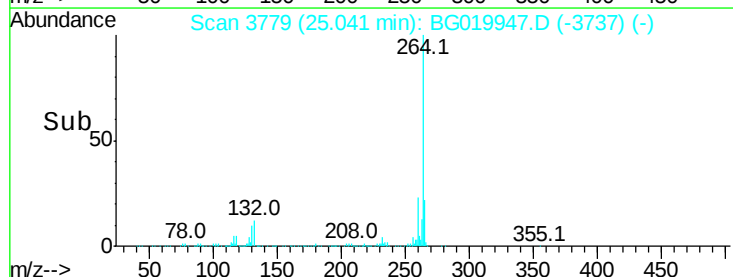
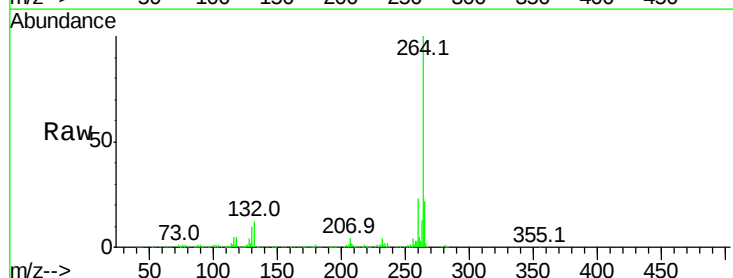
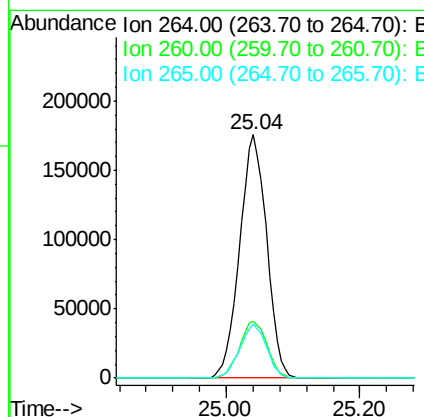
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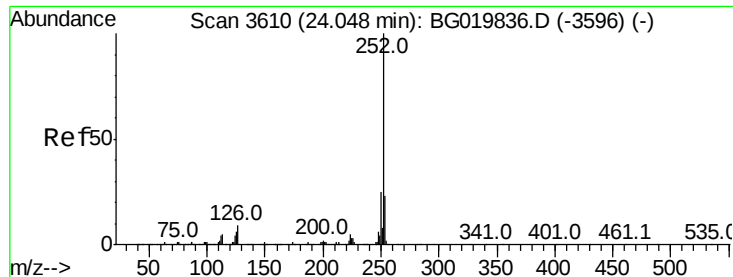
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Tgt Ion:	264	Resp:	490242
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.5	27.7
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 20.40 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

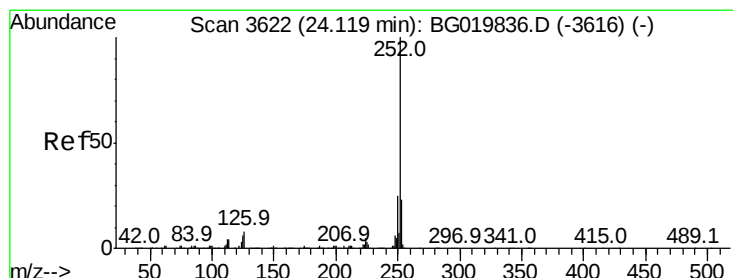
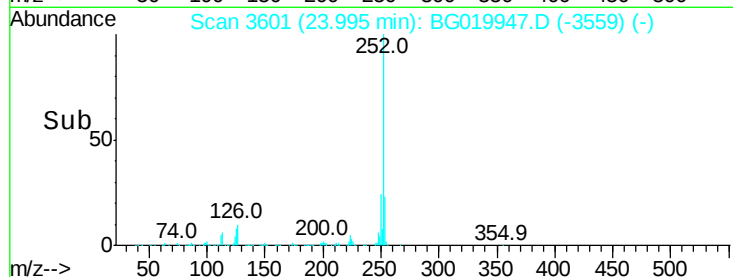
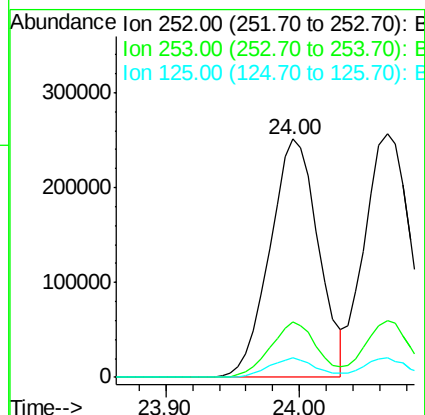
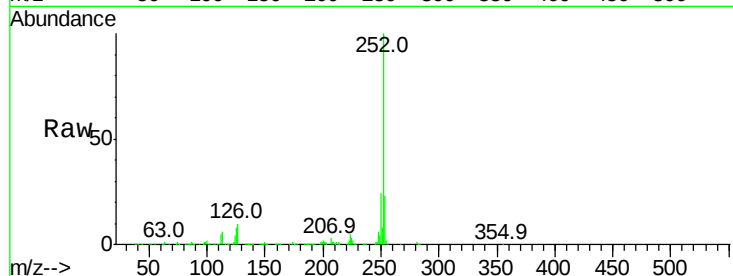
ClientSampleId :

PB87054BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	8.2	8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 19.72 ng

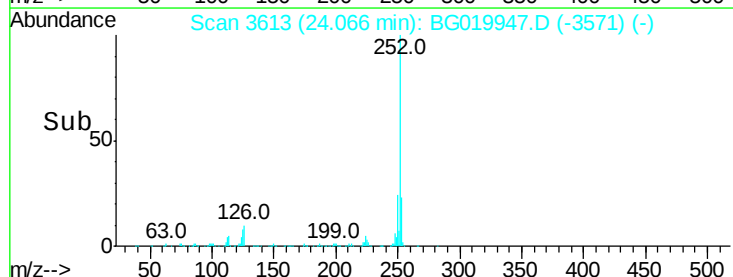
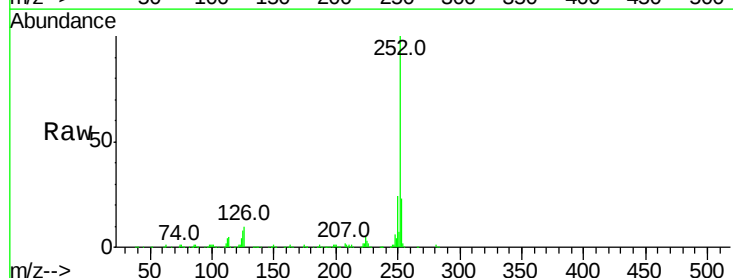
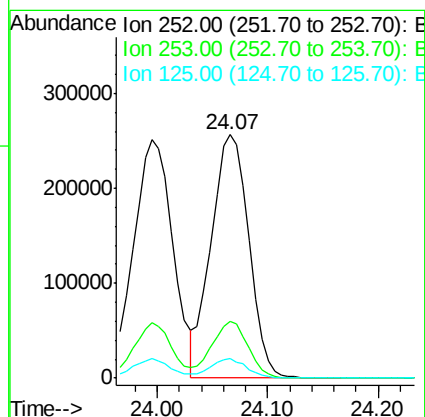
RT: 24.07 min Scan# 3613

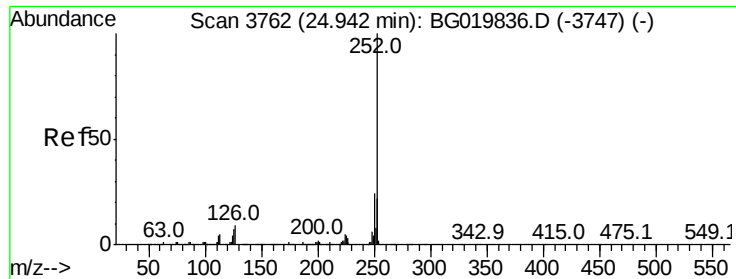
Delta R.T. -0.05 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	8.0	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 20.45 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.06 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Instrument :

BNA_G

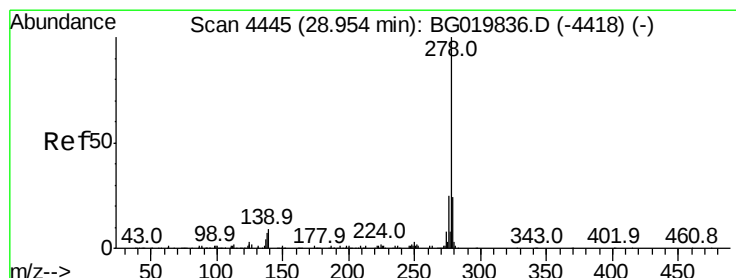
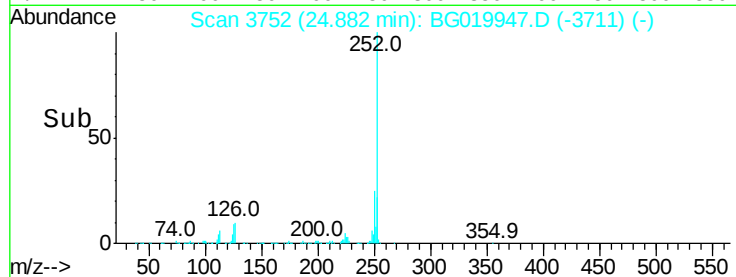
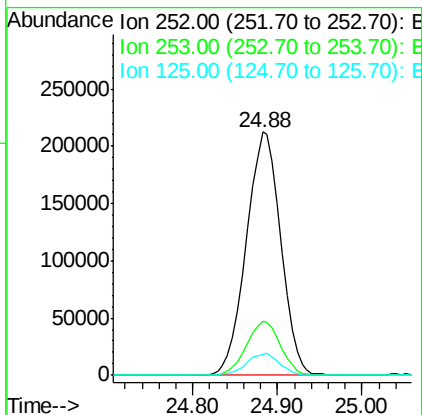
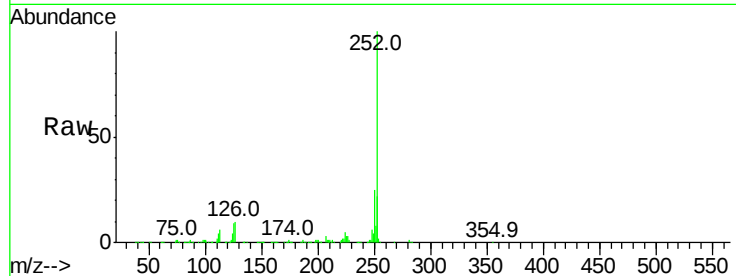
ClientSampleId :

PB87054BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	18.7	28.1
125	8.5	9.1	13.7#

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#90

Dibenzo(a,h)anthracene

Concen: 20.35 ng

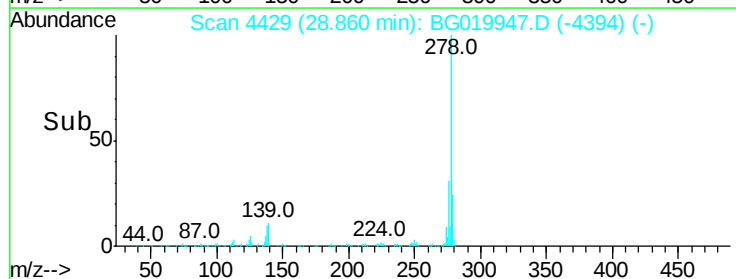
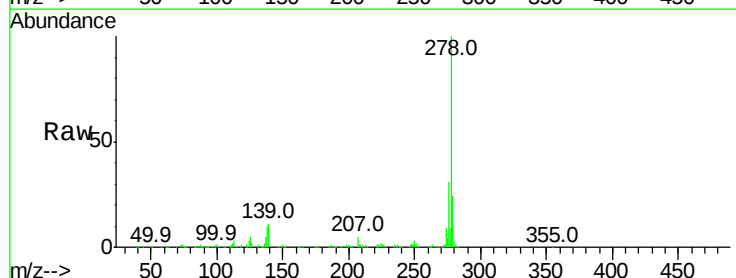
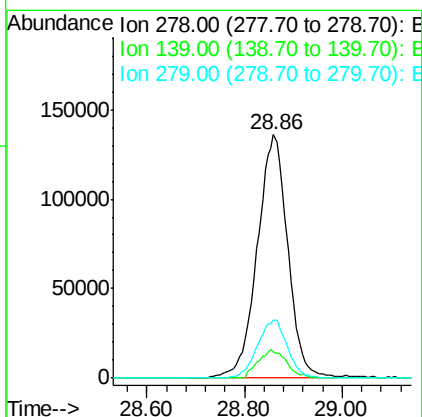
RT: 28.86 min Scan# 4429

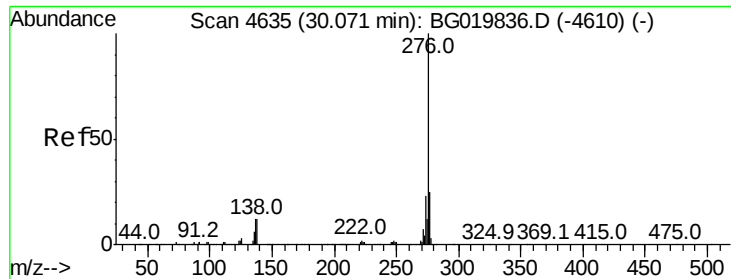
Delta R.T. -0.09 min

Lab File: BG019947.D

Acq: 5 Dec 2015 18:17

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	10.5	13.8	20.6#
279	24.0	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 20.53 ng
 RT: 29.96 min Scan# 4617
 Delta R.T. -0.11 min
 Lab File: BG019947.D
 Acq: 5 Dec 2015 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.5	18.4	27.6
138	18.1	17.4	26.0

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