

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022649.D
 Acq On : 27 Jun 2016 19:18
 Operator : UM/SJ
 Sample : PB91595BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

Manual Integrations

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 6/28/2016 7:27:24 PM

Quant Time: Jun 28 01:29:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	141256	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	606043	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	452119	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1237567	20.00	ng	0.01
75) Chrysene-d12	21.86	240	1405827	20.00	ng	0.01
86) Perylene-d12	25.22	264	1476455	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	972489	110.42	ng	0.01
7) Phenol-d6	7.32	99	1450241	116.83	ng	0.02
23) Nitrobenzene-d5	9.34	82	1007165	70.34	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	845070	118.84	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1981924	69.52	ng	0.00
78) Terphenyl-d14	20.16	244	3199493	60.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	94690	26.53	ng	# 89
3) Pyridine	3.99	79	290850	29.13	ng	98
4) n-Nitrosodimethylamine	3.90	42	173430	30.37	ng	94
6) Aniline	7.49	93	356264	21.65	ng	95
8) 2-Chlorophenol	7.73	128	336148	36.85	ng	98
9) Benzaldehyde	7.31	77	9599	2.20	ng	# 69
10) Phenol	7.34	94	508757	38.78	ng	94
11) bis(2-Chloroethyl)ether	7.58	93	351873	32.58	ng	94
12) 1,3-Dichlorobenzene	8.06	146	363784	32.77	ng	99
13) 1,4-Dichlorobenzene	8.21	146	367639	33.03	ng	99
14) 1,2-Dichlorobenzene	8.53	146	357100	33.74	ng	97
15) Benzyl Alcohol	8.41	79	427162	37.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	390034	32.65	ng	100
17) 2-Methylphenol	8.61	107	322748	37.32	ng	96
18) Hexachloroethane	9.26	117	144513	31.37	ng	91
19) n-Nitroso-di-n-propylamine	8.98	70	343197	33.20	ng	96
20) 3+4-Methylphenols	8.94	107	454979	38.19	ng	92
22) Acetophenone	9.00	105	593707	33.89	ng	# 91
24) Nitrobenzene	9.38	77	523864	33.10	ng	93
25) Isophorone	9.91	82	904430	32.54	ng	98
26) 2-Nitrophenol	10.10	139	204648	35.90	ng	92
27) 2,4-Dimethylphenol	10.15	122	361903	33.23	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	507900	33.47	ng	96
29) 2,4-Dichlorophenol	10.64	162	410724	38.71	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	422953	33.57	ng	96
31) Naphthalene	11.05	128	1018974	33.45	ng	98
32) Benzoic acid	10.28	122	282130	40.52	ng	95
33) 4-Chloroaniline	11.15	127	76481	5.83	ng	# 89
34) Hexachlorobutadiene	11.33	225	324873	33.17	ng	97
35) Caprolactam	11.93	113	143224m	42.85	ng	
36) 4-Chloro-3-methylphenol	12.26	107	511566	39.27	ng	98
37) 2-Methylnaphthalene	12.64	142	789196	33.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	558577	32.73	ng	99
40) Hexachlorocyclopentadiene	12.98	237	808786	59.36	ng	98

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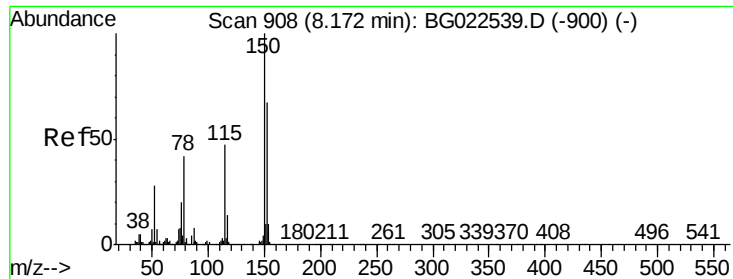
Manual Integrations

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	397895	36.35	nq	97
43) 2,4,5-Trichlorophenol	13.31	196	428526	37.42	nq	94
45) 1,1'-Biphenyl	13.64	154	1129576	32.80	nq	97
46) 2-Chloronaphthalene	13.68	162	925471	32.66	nq	95
47) 2-Nitroaniline	13.88	65	397101	36.30	nq	99
48) Acenaphthylene	14.53	152	1397377	34.00	nq	98
49) Dimethylphthalate	14.25	163	1288382	34.35	nq	98
50) 2,6-Dinitrotoluene	14.37	165	300856	36.92	nq	88
51) Acenaphthene	14.87	154	935782	30.90	nq	100
52) 3-Nitroaniline	14.71	138	168029	22.03	nq	98
53) 2,4-Dinitrophenol	14.91	184	437920	87.24	nq	94
54) Dibenzofuran	15.20	168	1475285	33.64	nq	97
55) 4-Nitrophenol	15.01	139	495351	76.82	nq	99
56) 2,4-Dinitrotoluene	15.16	165	447304	39.62	nq	92
57) Fluorene	15.85	166	1218085	34.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	457236	38.51	nq	# 98
59) Diethylphthalate	15.61	149	1353188	35.09	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	727064	34.89	nq	99
61) 4-Nitroaniline	15.88	138	310205	39.42	nq	# 87
62) Azobenzene	16.14	77	1388350	33.25	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	308132	37.13	nq	97
65) n-Nitrosodiphenylamine	16.06	169	1193290	33.13	nq	97
66) 4-Bromophenyl-phenylether	16.74	248	529496	32.98	nq	98
67) Hexachlorobenzene	16.86	284	557122	32.82	nq	99
68) Atrazine	17.01	200	533197	35.07	nq	99
69) Pentachlorophenol	17.20	266	821659	70.33	nq	98
70) Phenanthrene	17.61	178	2113000	33.48	nq	96
71) Anthracene	17.70	178	2150641	33.11	nq	98
72) Carbazole	17.97	167	1959209	35.58	nq	98
73) Di-n-butylphthalate	18.51	149	2225415	34.71	nq	98
74) Fluoranthene	19.61	202	2546455	35.02	nq	96
76) Benzidine	19.78	184	850489	56.82	nq	98
77) Pyrene	19.97	202	2610443	34.86	nq	94
79) Butylbenzylphthalate	20.85	149	1148795	35.44	nq	95
80) Benzo(a)anthracene	21.83	228	2764479	35.54	nq	99
81) 3,3'-Dichlorobenzidine	21.75	252	606413	18.87	nq	95
82) Chrysene	21.90	228	2584472	35.36	nq	92
83) Bis(2-ethylhexyl)phthalate	21.72	149	1522456	33.36	nq	97
84) Di-n-octyl phthalate	22.99	149	2546495	33.85	nq	98
85) Indeno(1,2,3-cd)pyrene	29.08	276	3334734	34.71	nq	# 100
87) Benzo(b)fluoranthene	24.14	252	3020108m	34.02	nq	
88) Benzo(k)fluoranthene	24.22	252	2931661	34.93	nq	# 96
89) Benzo(a)pyrene	25.06	252	2963480	34.24	nq	96
90) Dibenzo(a,h)anthracene	29.15	278	2774988	34.06	nq	# 96
91) Benzo(g,h,i)perylene	30.28	276	2689262	32.43	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

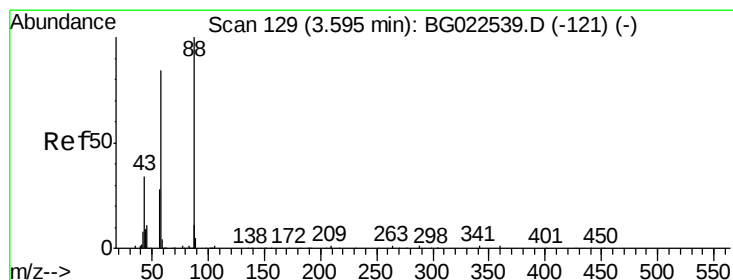
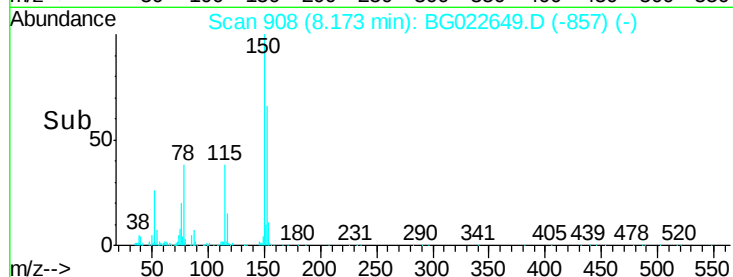
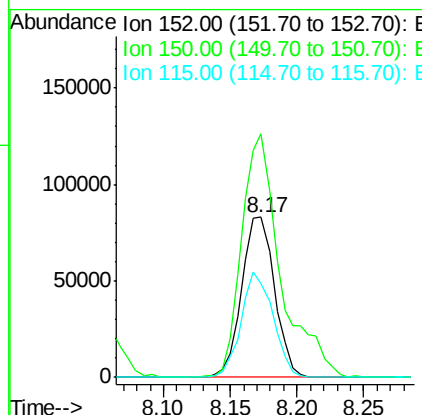
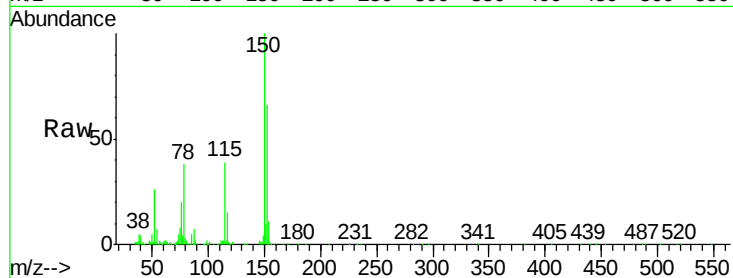
PB91595BS

Tot Ion:	152	Resp:	141256
Ion Ratio	Lower	Upper	
152	100		
150	152.2	144.7	217.1
115	58.6	64.0	96.0#

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#2

1,4-Dioxane

Concen: 26.53 ng

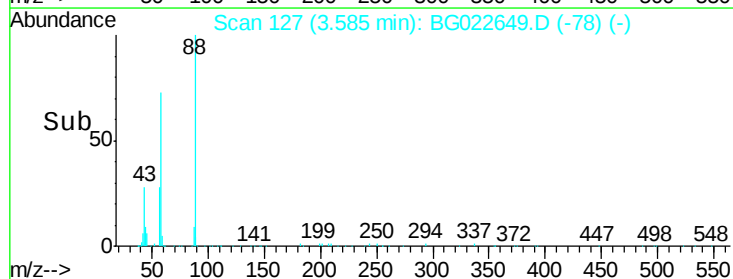
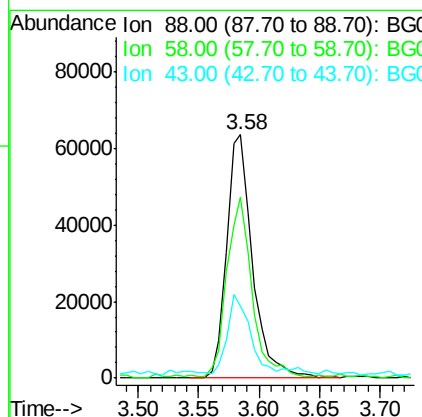
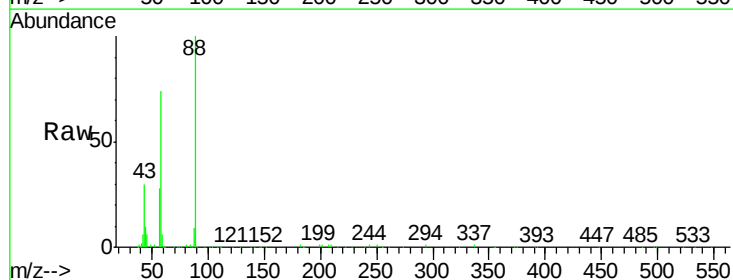
RT: 3.58 min Scan# 127

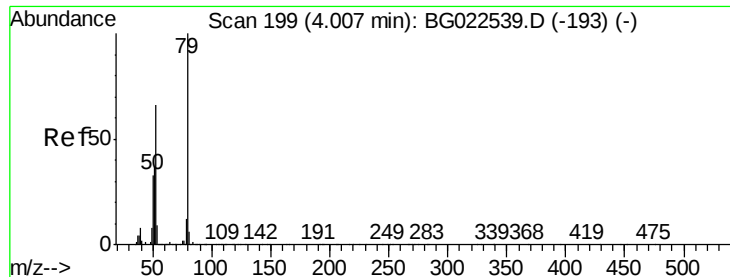
Delta R.T. -0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Tgt Ion:	88	Resp:	94690
Ion Ratio	Lower	Upper	
88	100		
58	70.0	60.4	90.6
43	27.0	31.1	46.7#





#3

Pvridine

Concen: 29.13 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tot Ion: 79 Resp: 290850

Ion Ratio Lower Upper

79 100

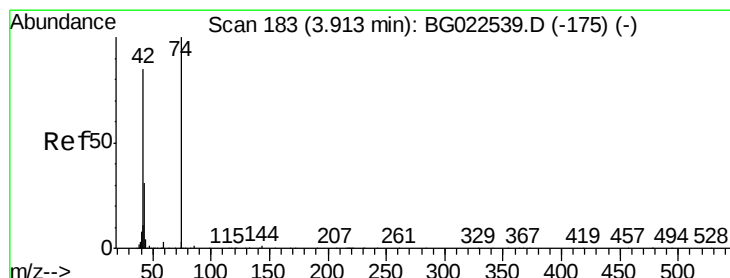
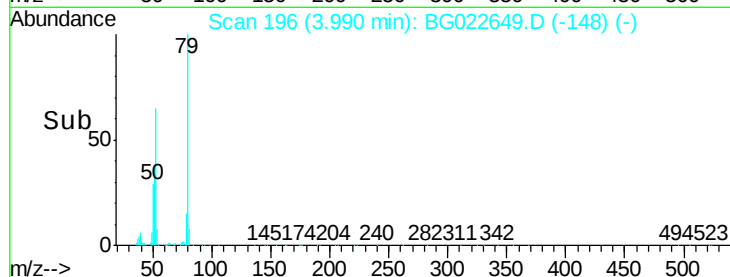
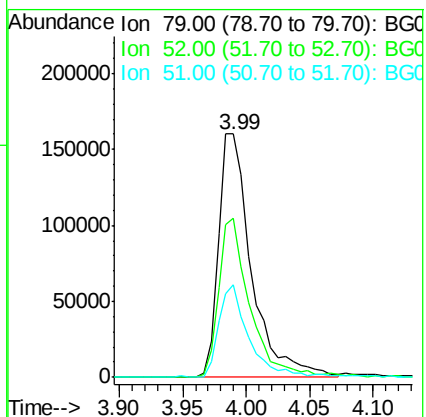
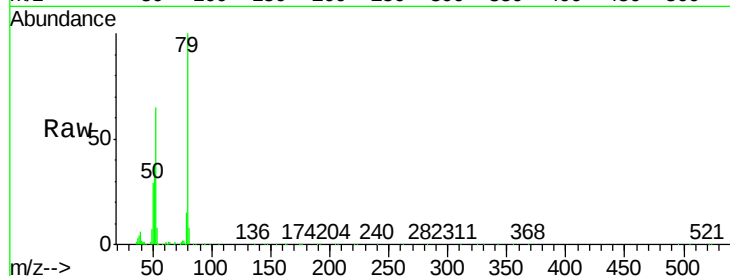
52 65.1 51.8 77.8

51 38.1 32.7 49.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 30.37 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

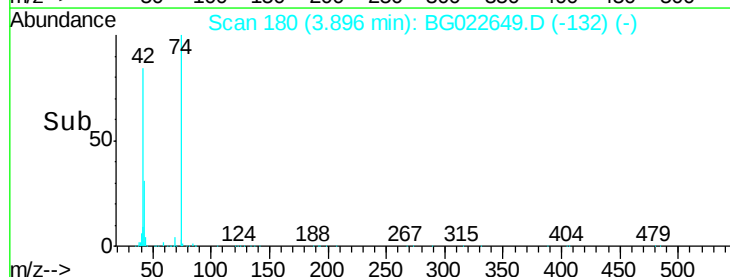
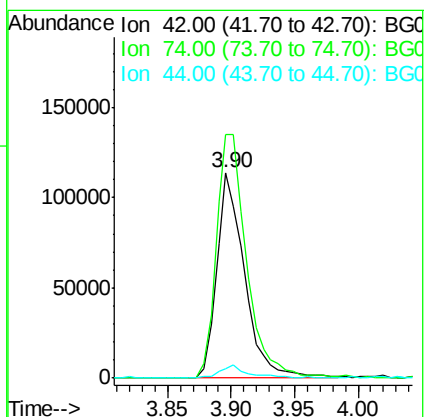
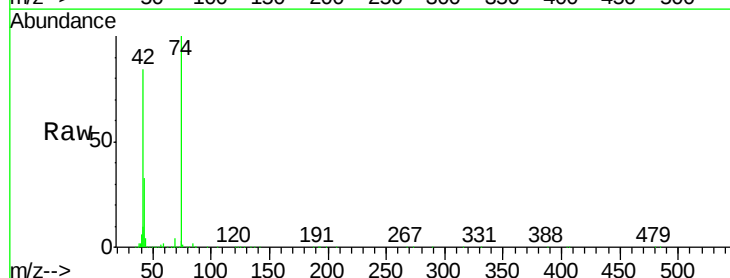
Tgt Ion: 42 Resp: 173430

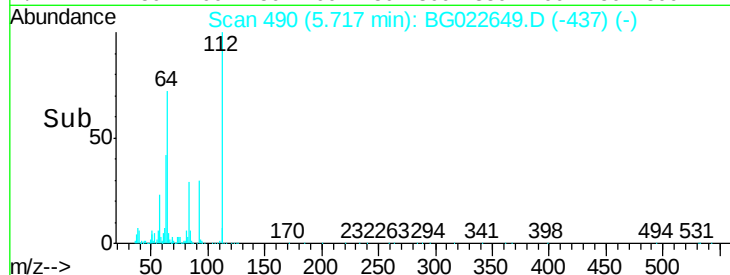
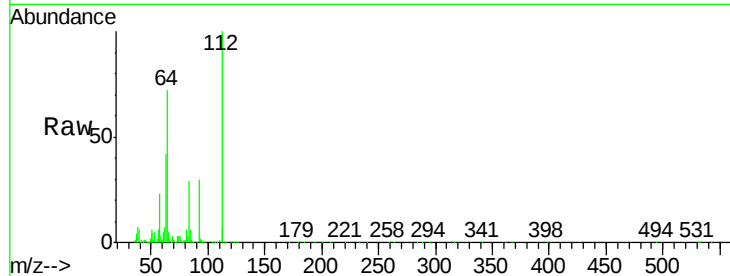
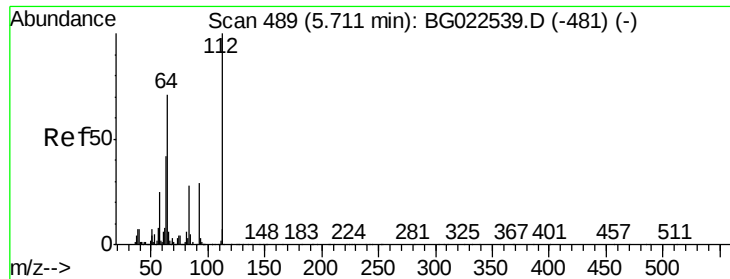
Ion Ratio Lower Upper

42 100

74 118.5 100.6 150.8

44 4.8 4.5 6.7





#5

2-Fluorophenol

Concen: 110.42 ng

RT: 5.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Tot Ion:	112	Resp:	972489
Ion Ratio	Lower	Upper	
112	100		
64	71.7	59.0	88.4
63	41.5	37.8	56.8

Instrument :

BNA_G

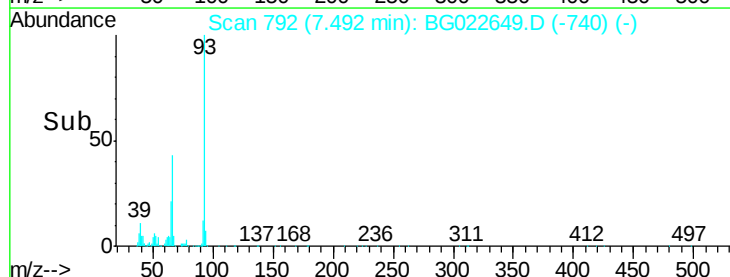
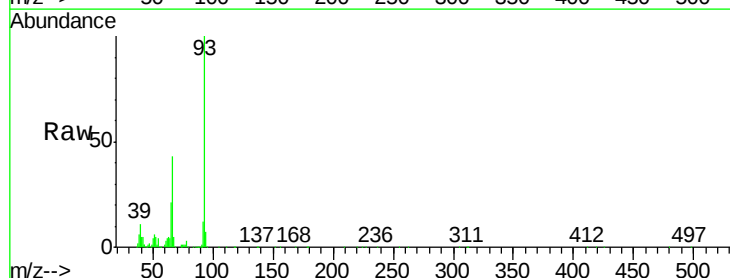
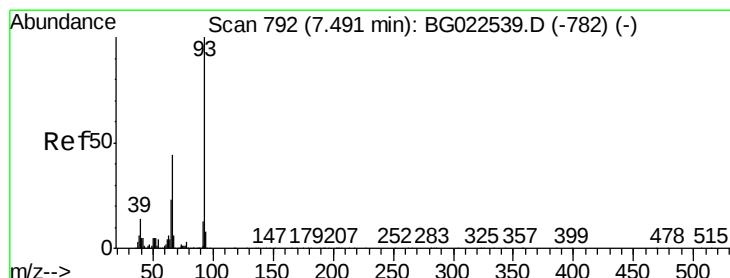
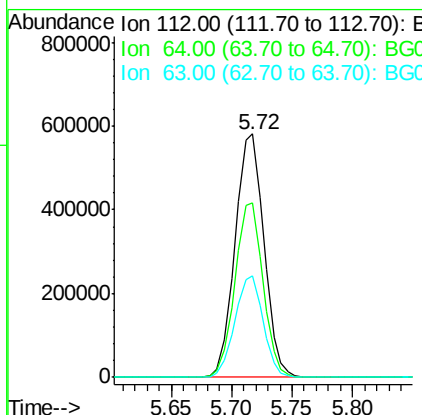
ClientSampleId :

PB91595BS

Manual Integrations

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#6

Aniline

Concen: 21.65 ng

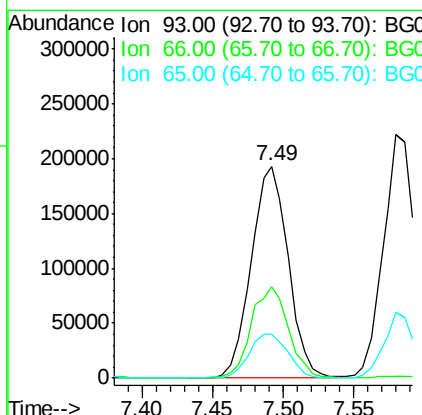
RT: 7.49 min Scan# 792

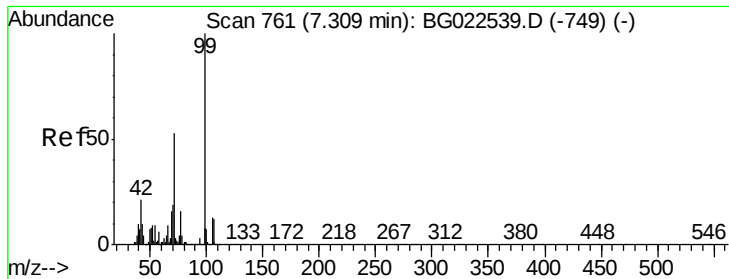
Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Tgt Ion:	93	Resp:	356264
Ion Ratio	Lower	Upper	
93	100		
66	43.1	37.5	56.3
65	20.8	17.9	26.9





#7

Phenol-d6

Concen: 116.83 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampled :

PB91595BS

Tot Ion: 99 Resp: 1450241

Ion Ratio Lower Upper

99 100

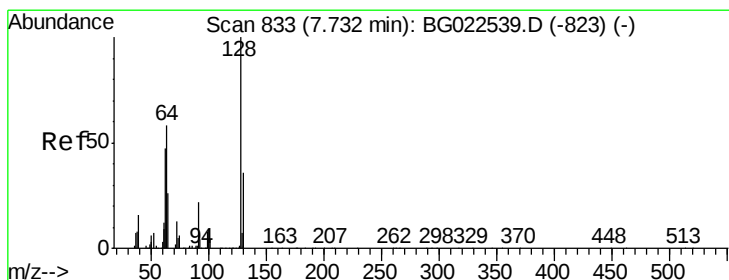
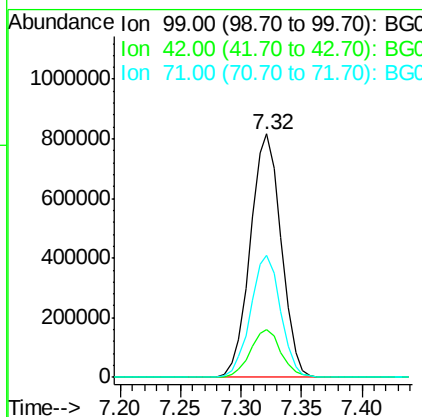
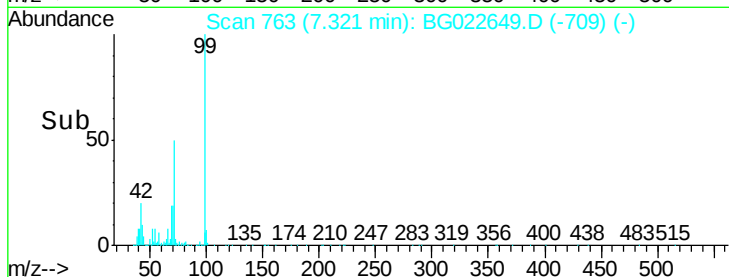
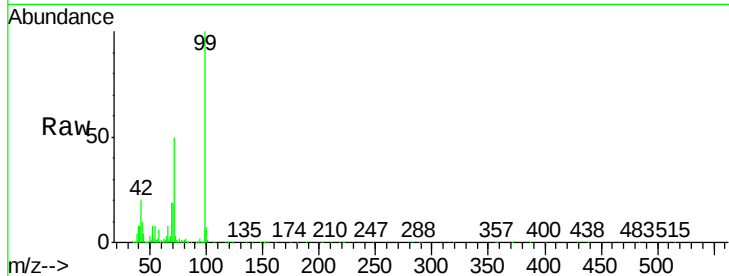
42 19.7 17.8 26.6

71 50.0 41.5 62.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.85 ng

RT: 7.73 min Scan# 833

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

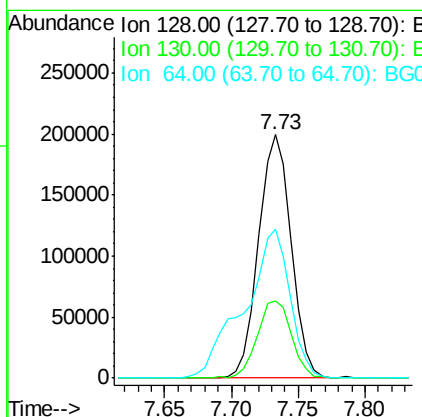
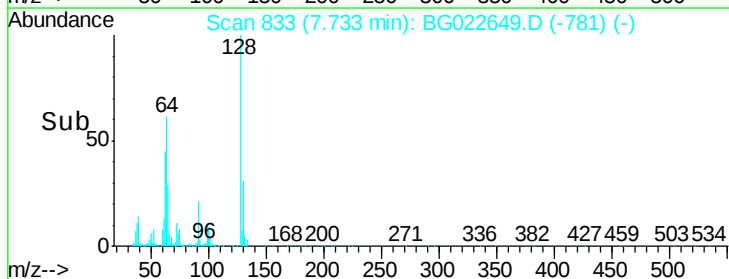
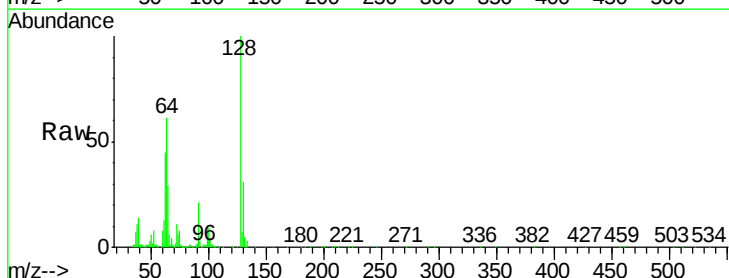
Tgt Ion: 128 Resp: 336148

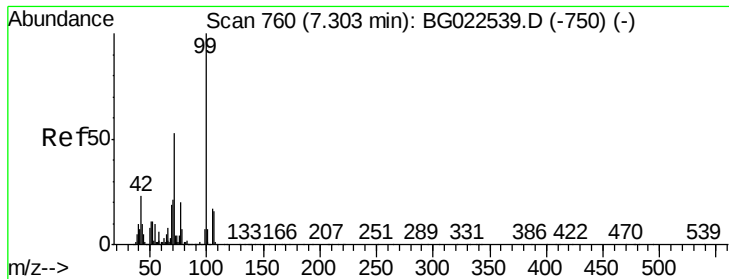
Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

64 61.2 42.0 82.0





#9

Benzaldehyde

Concen: 2.20 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tot Ion: 77 Resp: 9599

Ion Ratio Lower Upper

77 100

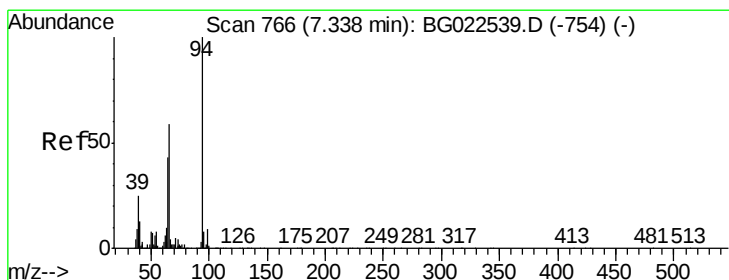
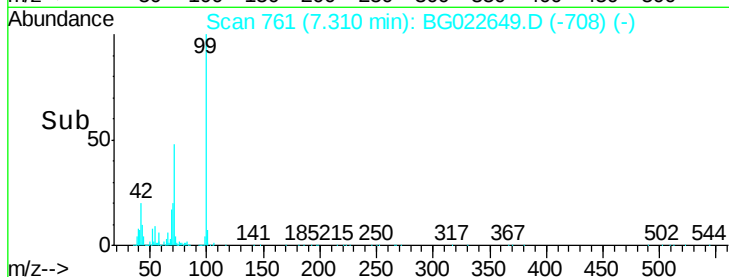
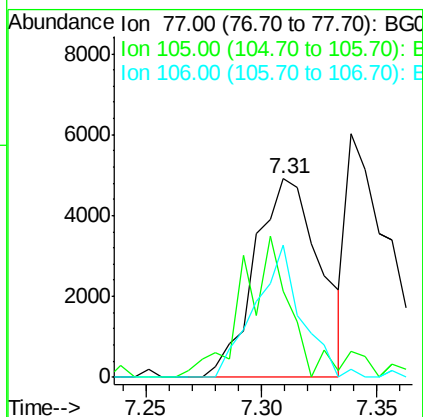
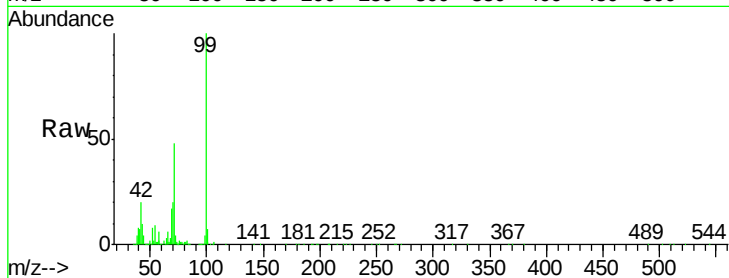
105 43.2 58.7 98.7#

106 66.9 67.5 107.5#

Manual Integrations

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#10

Phenol

Concen: 38.78 ng

RT: 7.34 min Scan# 767

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

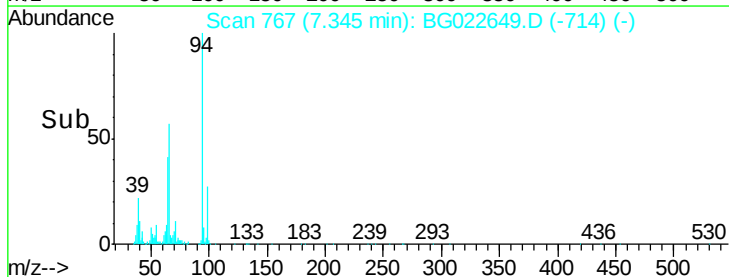
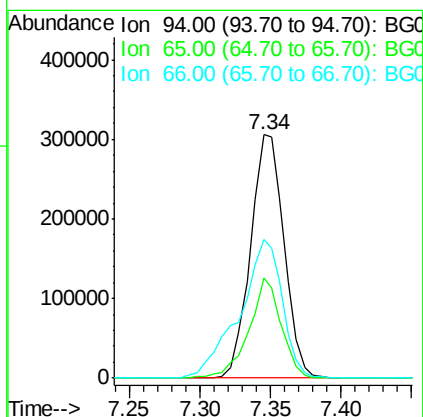
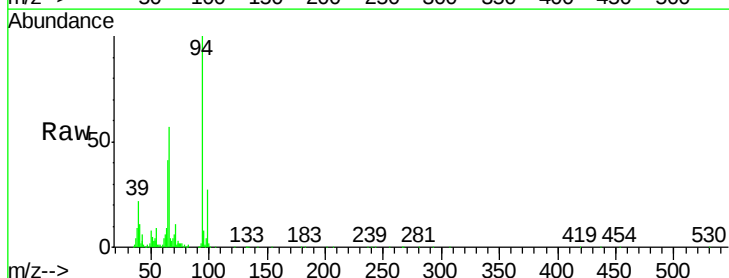
Tgt Ion: 94 Resp: 508757

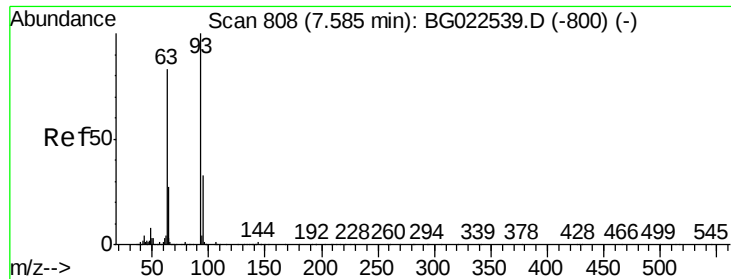
Ion Ratio Lower Upper

94 100

65 40.9 18.1 58.1

66 56.9 42.1 82.1





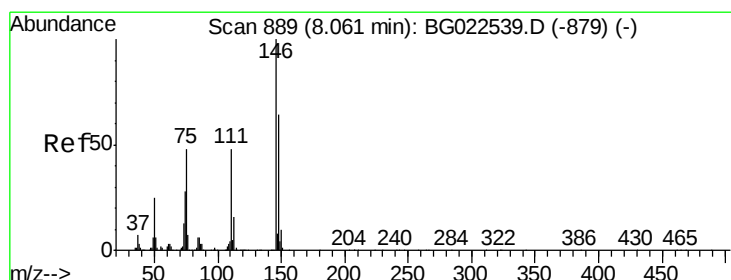
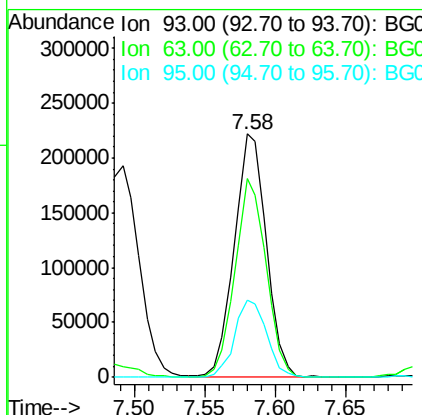
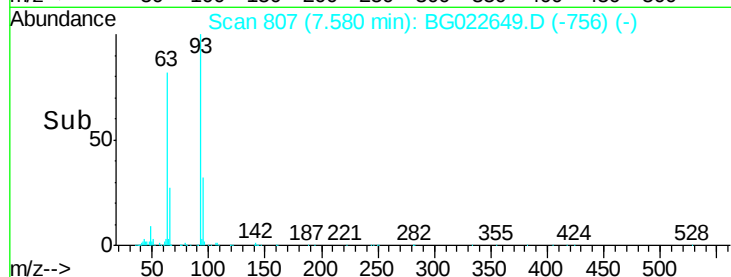
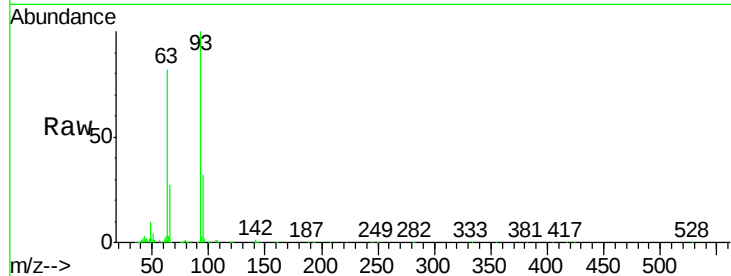
#11
bis(2-Chloroethyl)ether
Concen: 32.58 ng
RT: 7.58 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion:	93	Resp:	351873
Ion Ratio	Lower	Upper	
93	100		
63	81.9	55.0	95.0
95	31.5	11.0	51.0

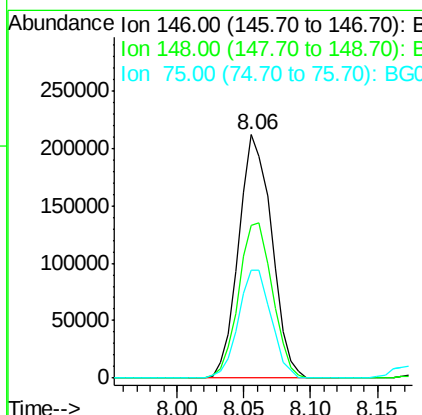
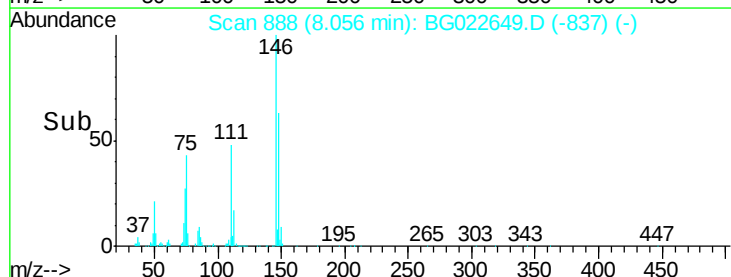
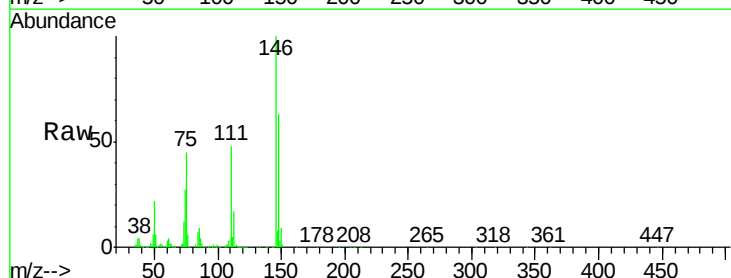
Manual Integrations

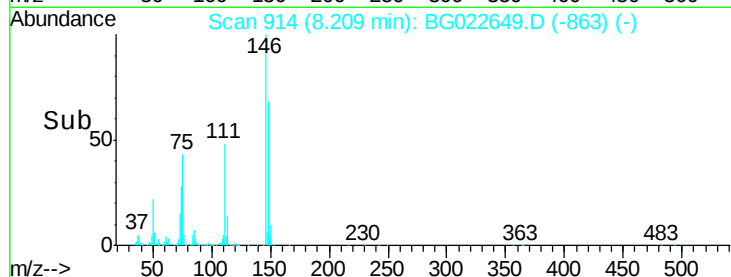
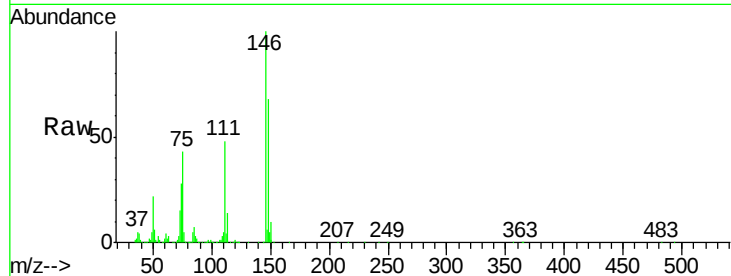
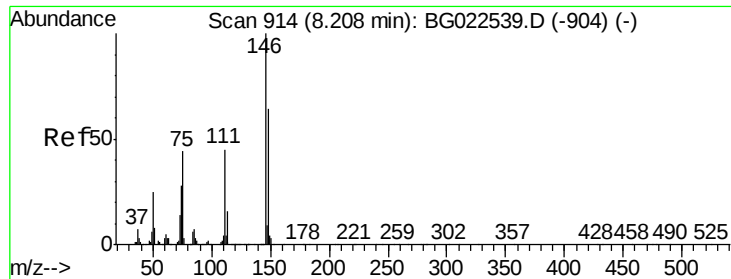
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#12
1,3-Dichlorobenzene
Concen: 32.77 ng
RT: 8.06 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:	146	Resp:	363784
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.3	75.5
75	44.5	37.0	55.6





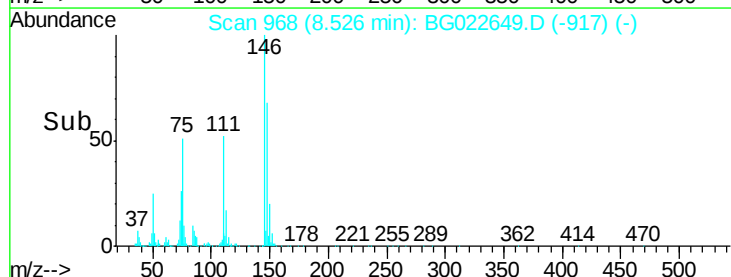
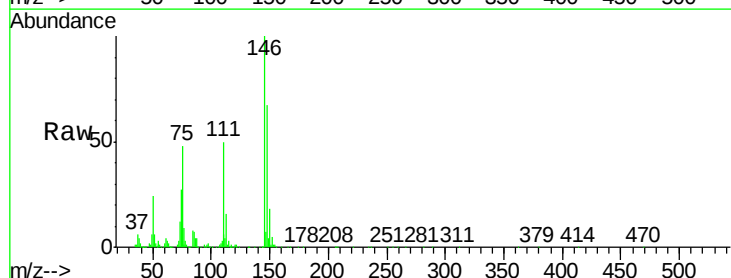
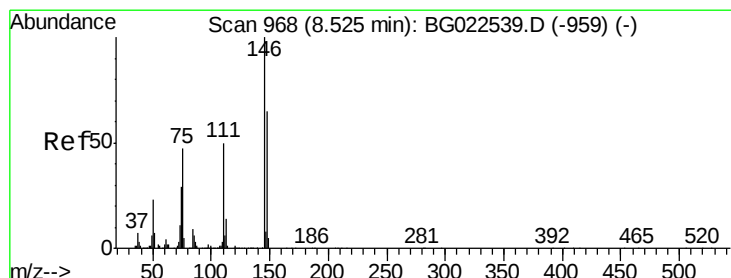
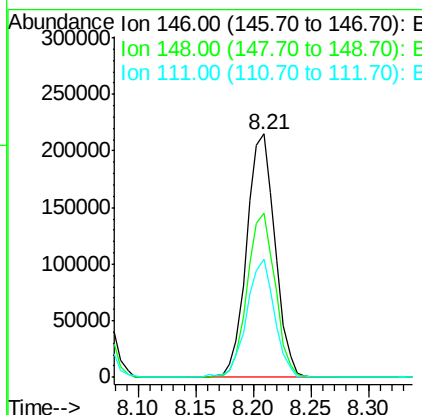
#13
1,4-Dichlorobenzene
Concen: 33.03 ng
RT: 8.21 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	54.5	81.7
111	48.4	37.8	56.8

Instrument :
BNA_G
ClientSampleId :
PB91595BS

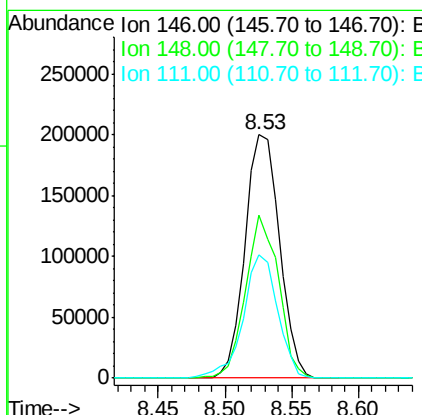
Manual Integrations

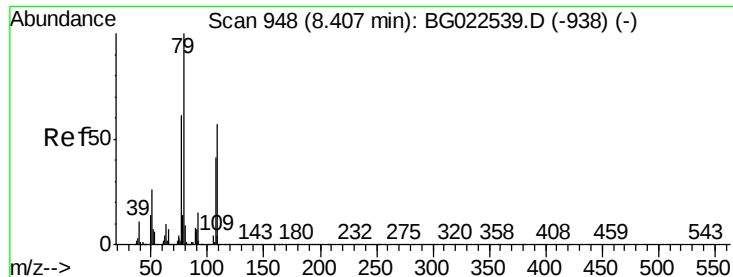
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#14
1,2-Dichlorobenzene
Concen: 33.74 ng
RT: 8.53 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.9	79.3
111	50.5	43.5	65.3





#15

Benzyl Alcohol

Concen: 37.19 ng

RT: 8.41 min Scan# 948

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tot Ion: 79 Resp: 427162

Ion Ratio Lower Upper

79 100

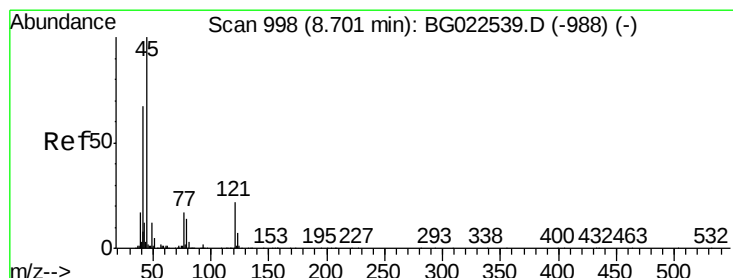
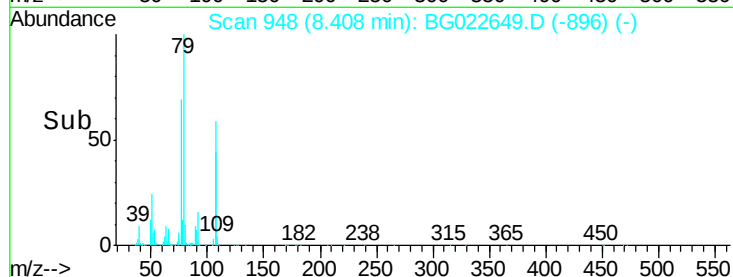
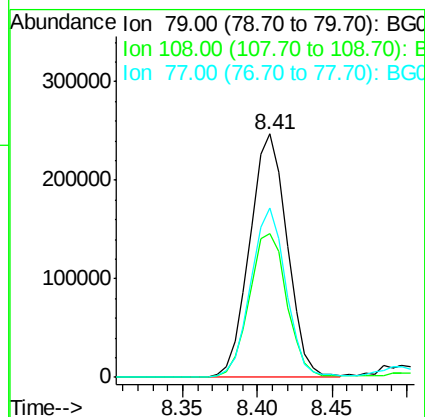
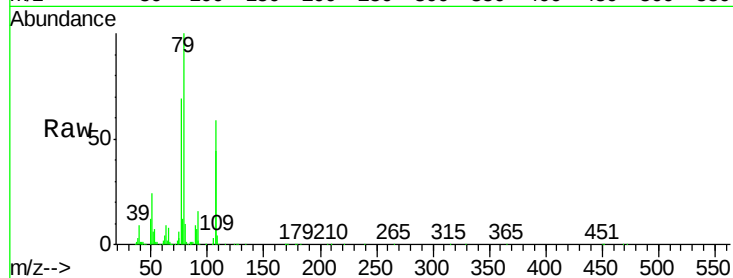
108 59.3 46.5 69.7

77 69.4 52.3 78.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.65 ng

RT: 8.70 min Scan# 998

Delta R.T. 0.00 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

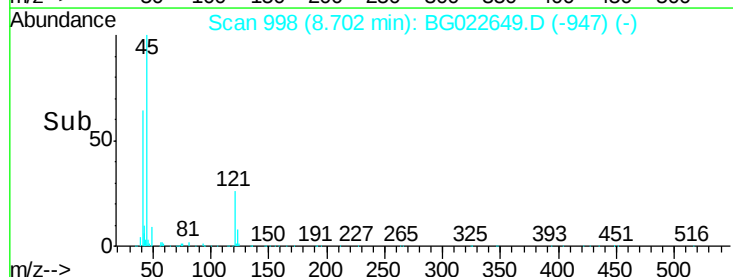
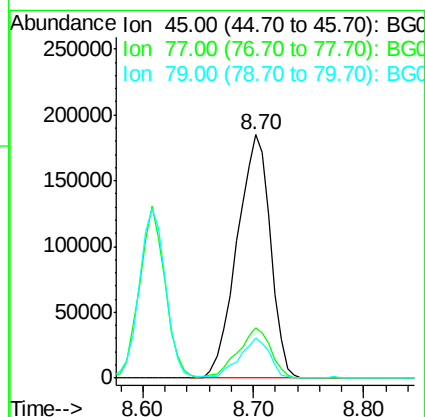
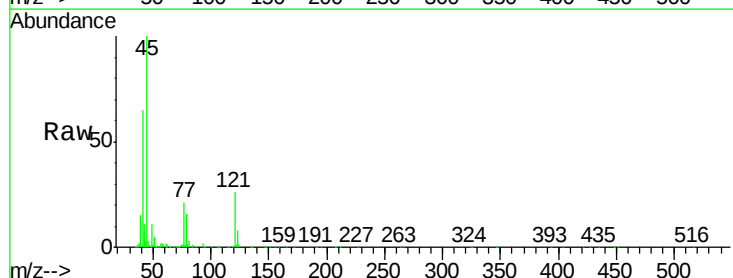
Tgt Ion: 45 Resp: 390034

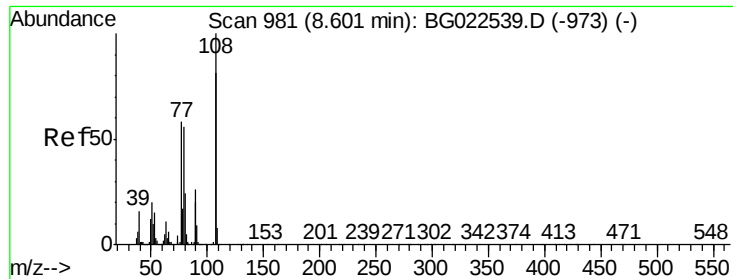
Ion Ratio Lower Upper

45 100

77 20.6 0.6 40.6

79 16.5 0.0 36.2





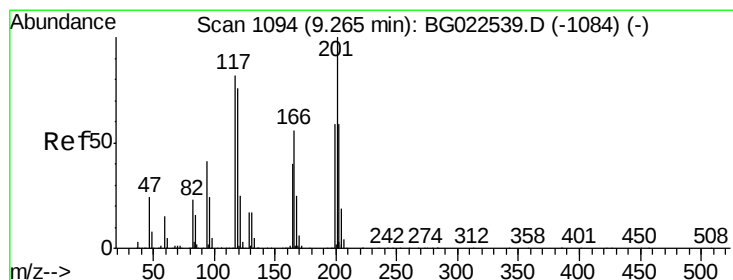
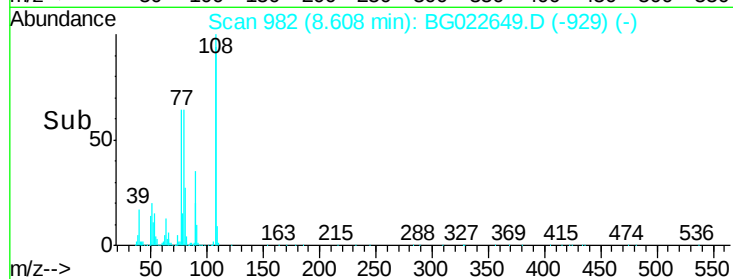
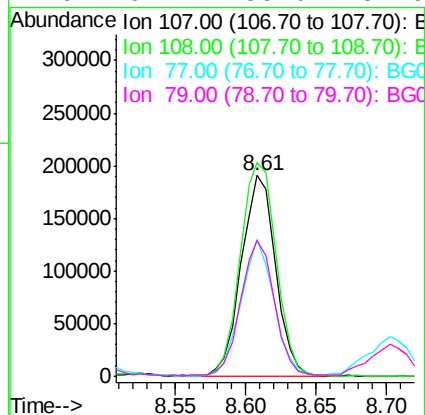
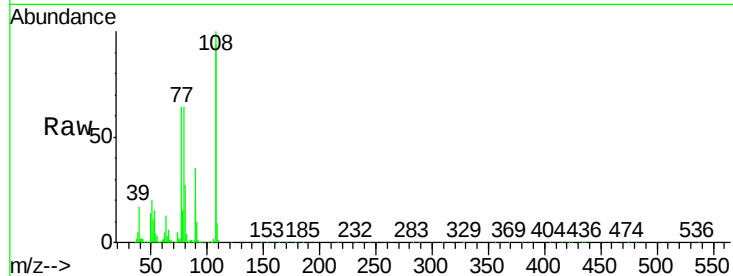
#17
2-Methylphenol
Concen: 37.32 ng
RT: 8.61 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	322748		
108	108.00	106.4	92.0	138.0	
77	77.00	68.5	55.8	83.6	
79	79.00	67.7	55.0	82.6	

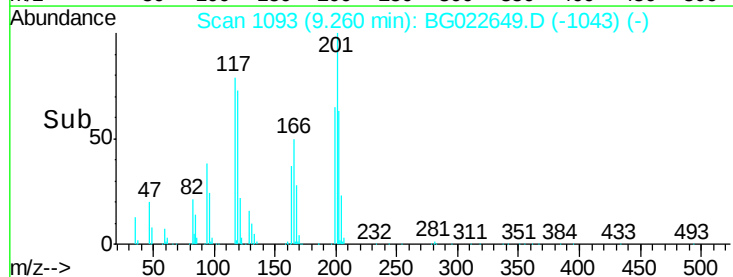
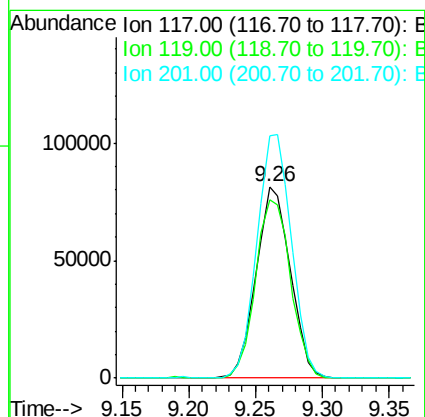
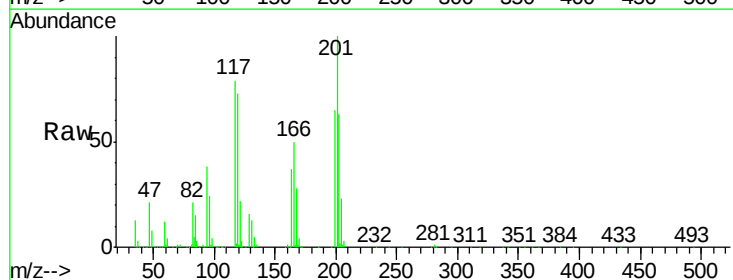
Manual Integrations

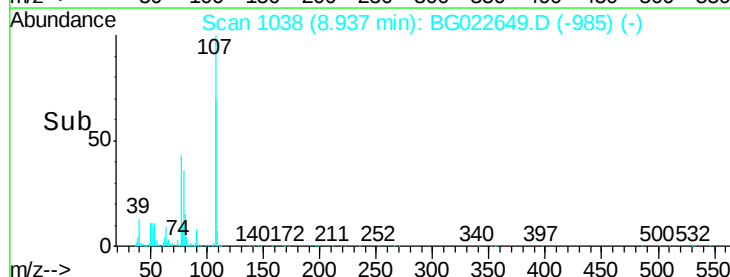
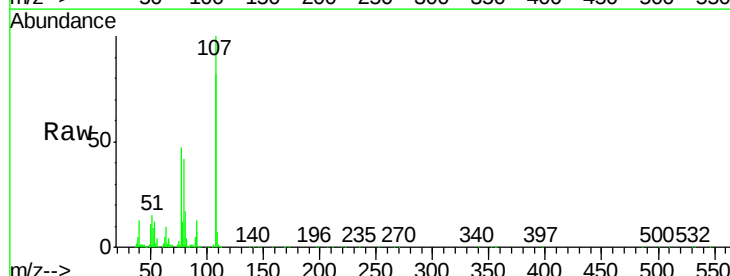
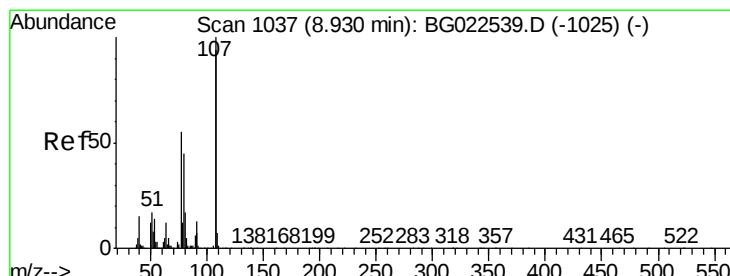
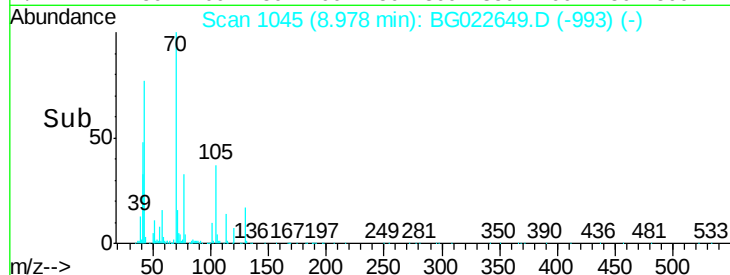
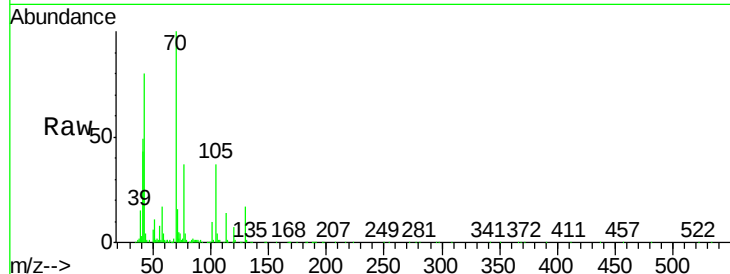
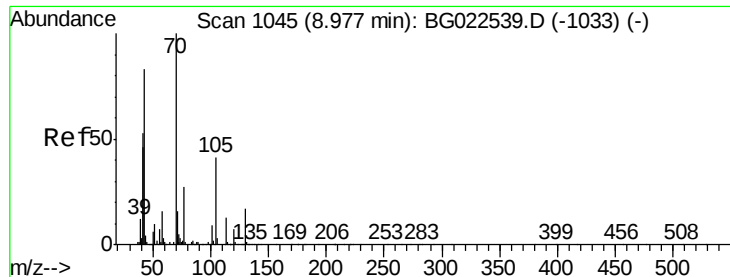
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#18
Hexachloroethane
Concen: 31.37 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	144513		
119	119.00	93.1	73.7	110.5	
201	201.00	126.9	88.7	133.1	

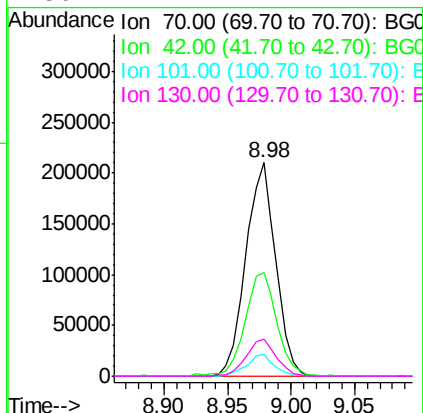




#19
n-Nitroso-di-n-propylamine
Concen: 33.20 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.7	42.1	63.1	
101	10.4	7.2	10.8	
130	17.4	14.2	21.2	

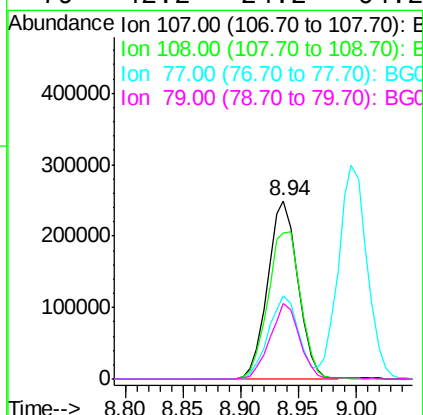


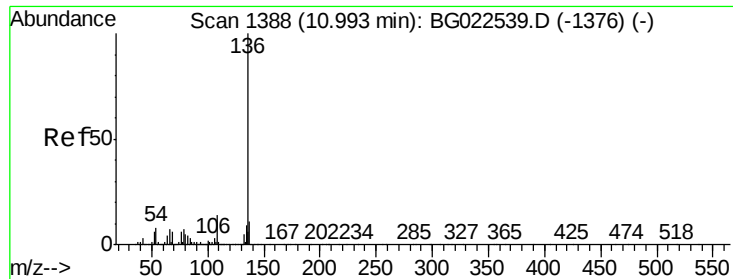
Manual Integrations

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#20
3+4-Methylphenols
Concen: 38.19 ng
RT: 8.94 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.8	72.5	112.5	
77	46.9	30.1	70.1	
79	42.2	24.2	64.2	





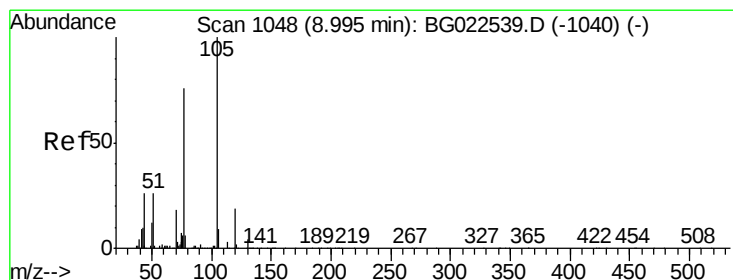
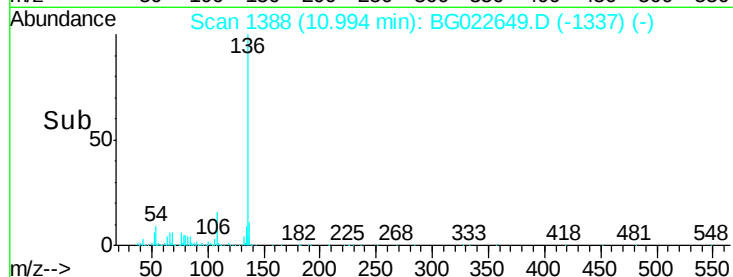
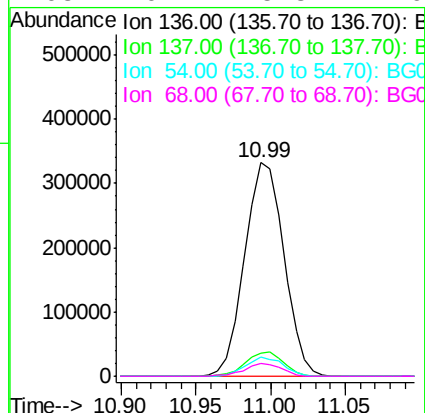
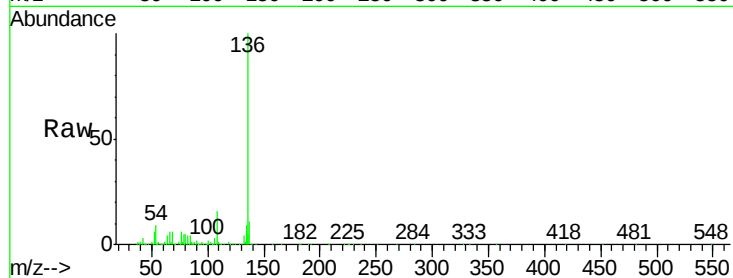
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleID :
PB91595BS

Tot Ion:	136	Resp:	606043
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.6	14.4
54	9.0	7.3	10.9
68	6.1	5.3	7.9

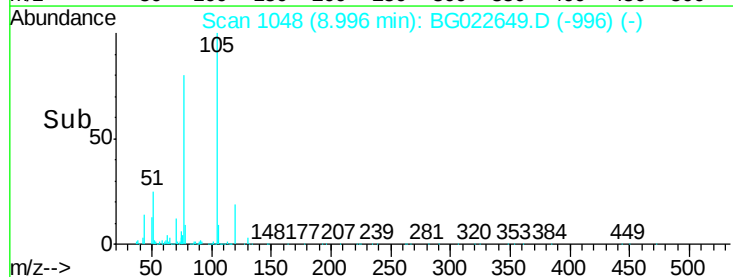
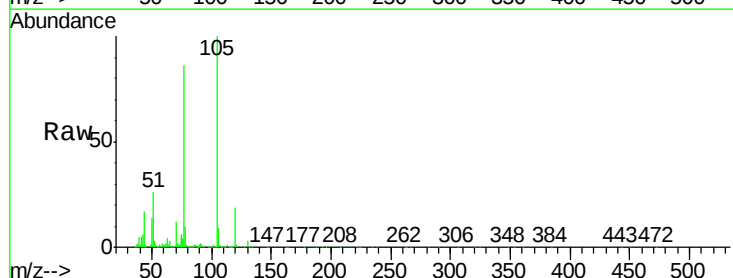
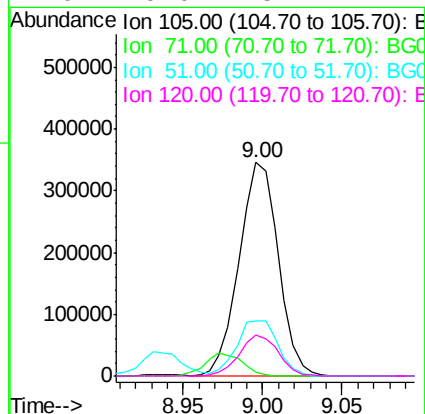
Manual Integrations

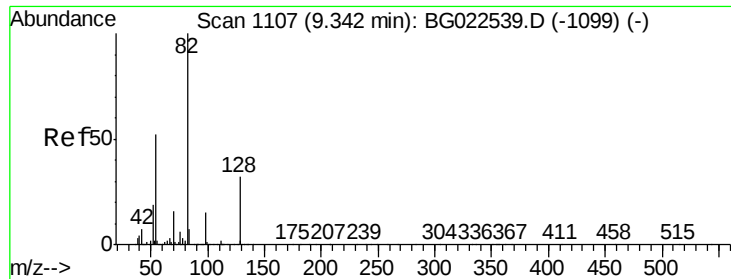
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#22
Acetophenone
Concen: 33.89 ng
RT: 9.00 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:	105	Resp:	593707
Ion Ratio	Lower	Upper	
105	100		
71	1.6	2.6	3.8#
51	26.1	27.1	40.7#
120	19.0	15.1	22.7





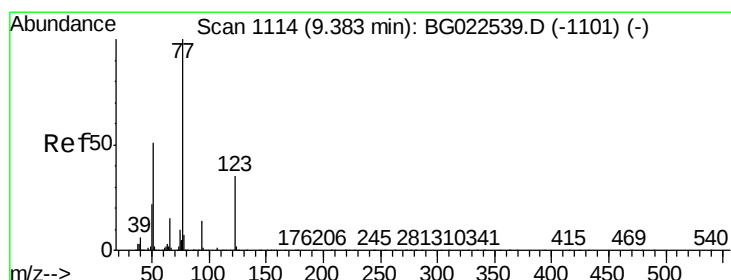
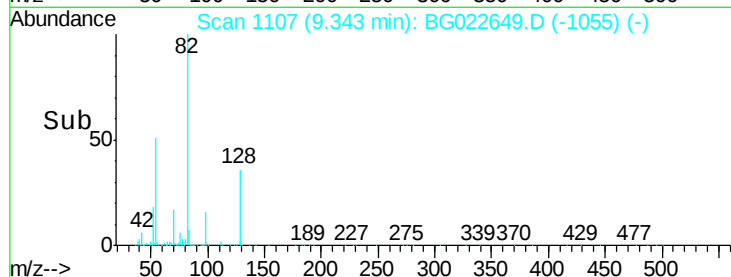
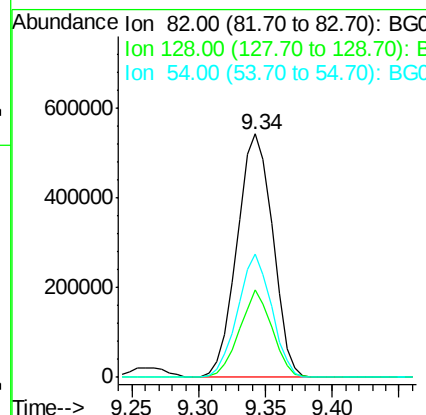
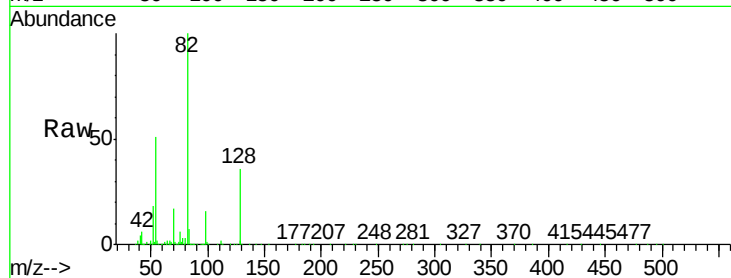
#23
Nitrobenzene-d5
Concen: 70.34 ng
RT: 9.34 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	82	Resp	1007165
Ion Ratio	Lower	Upper	
82	100		
128	35.9	24.4	36.6
54	50.7	41.4	62.0

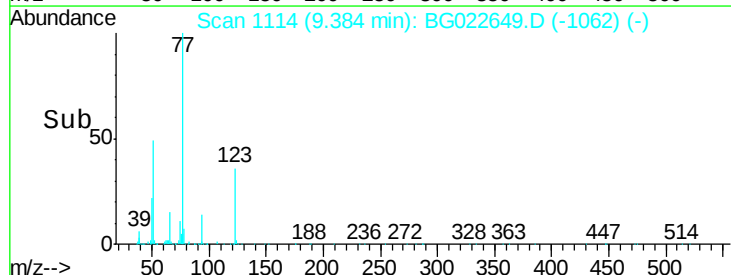
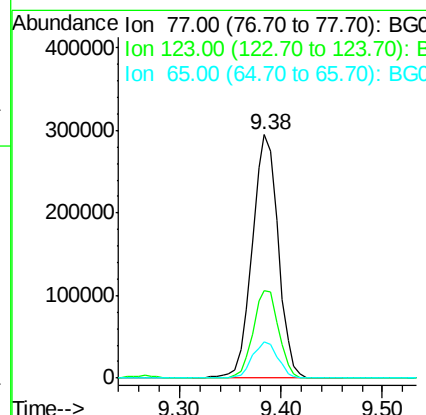
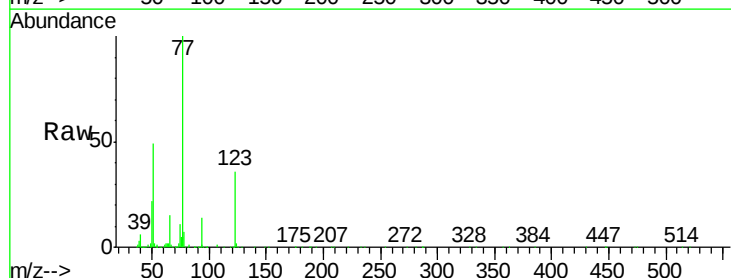
Manual Integrations

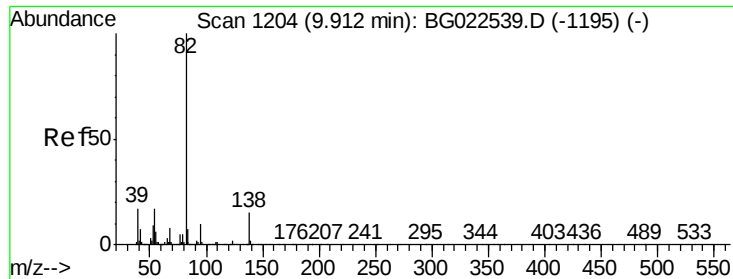
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#24
Nitrobenzene
Concen: 33.10 ng
RT: 9.38 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	77	Resp	523864
Ion Ratio	Lower	Upper	
77	100		
123	35.9	25.0	37.6
65	14.7	13.4	20.0





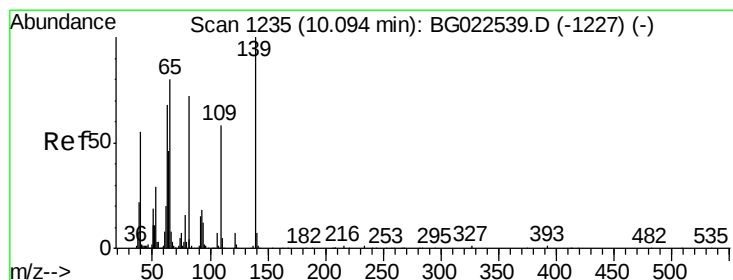
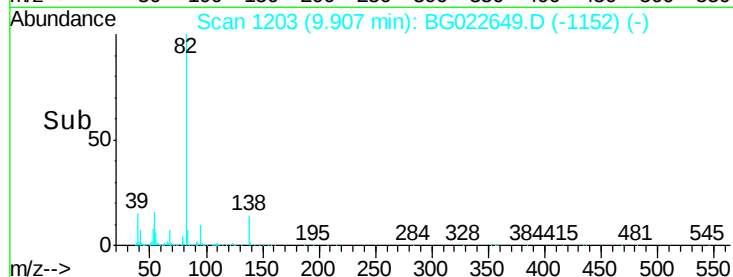
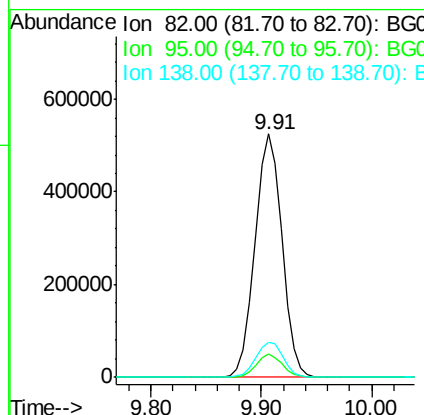
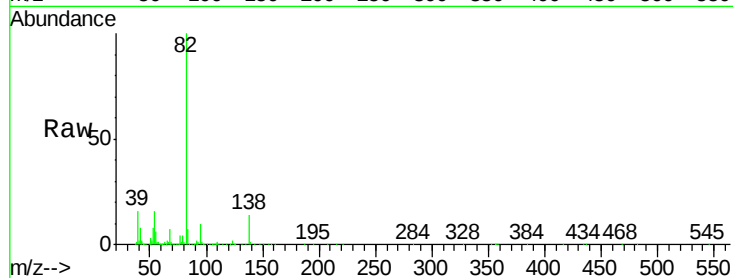
#25
Isophorone
Concen: 32.54 ng
RT: 9.91 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100			
95	95	9.6	8.2	12.2	
138	138	14.1	10.7	16.1	

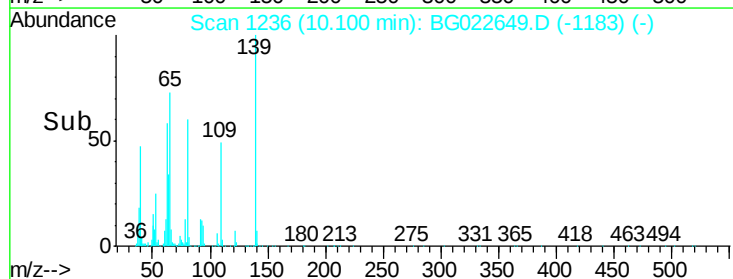
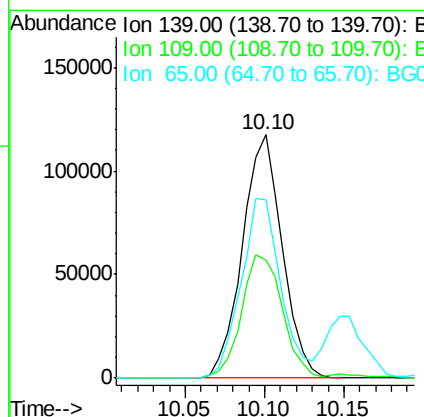
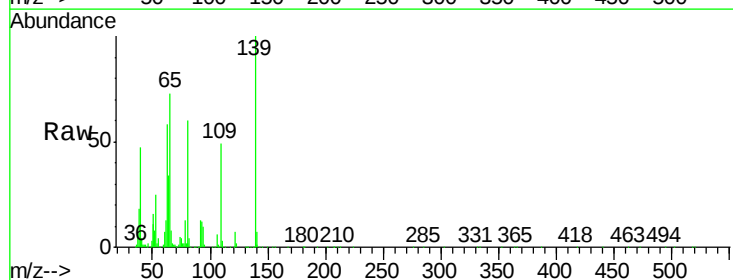
Manual Integrations

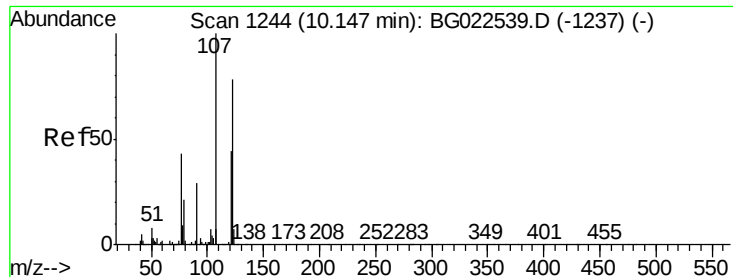
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#26
2-Nitrophenol
Concen: 35.90 ng
RT: 10.10 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	139	100			
109	109	48.7	43.5	65.3	
65	65	73.3	64.3	96.5	





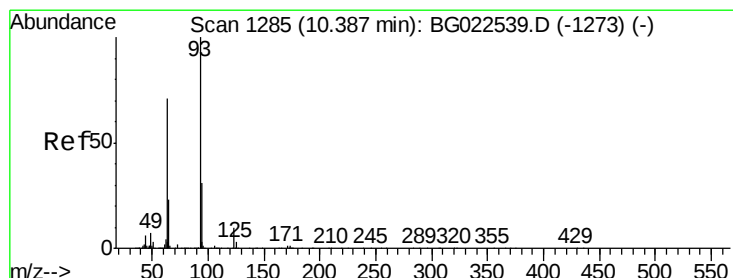
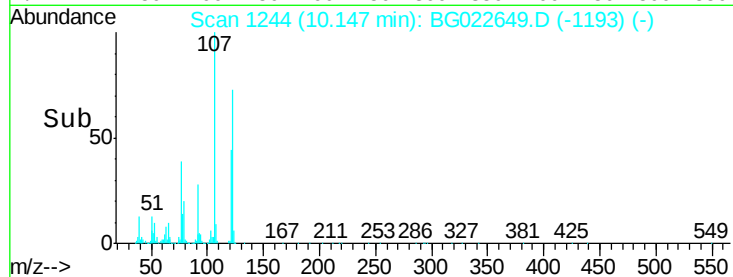
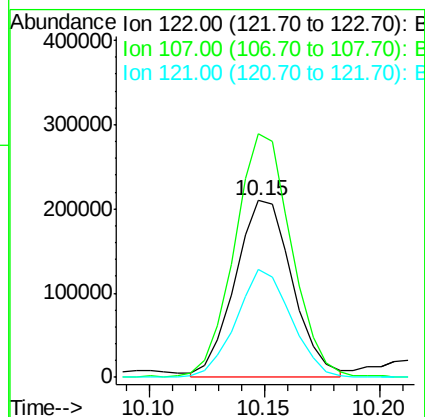
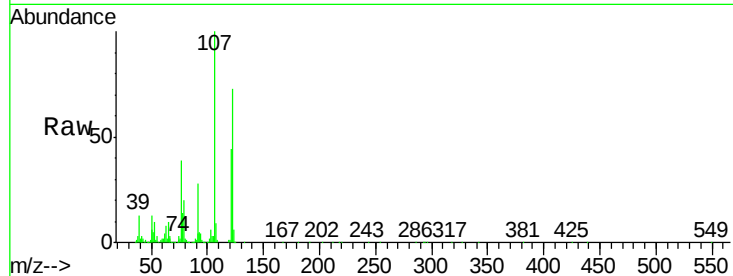
#27
2,4-Dimethylphenol
Concen: 33.23 ng
RT: 10.15 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.8	117.0	175.4
121	60.8	50.1	75.1

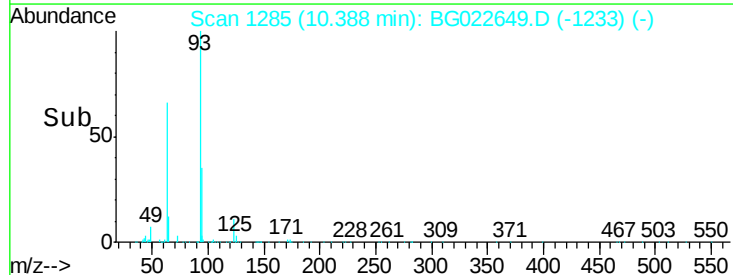
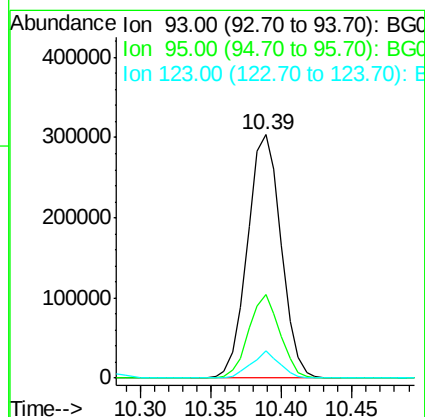
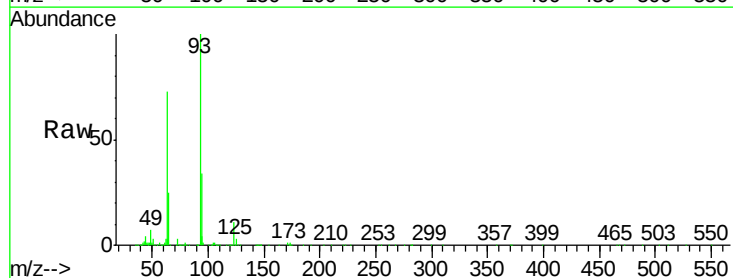
Manual Integrations

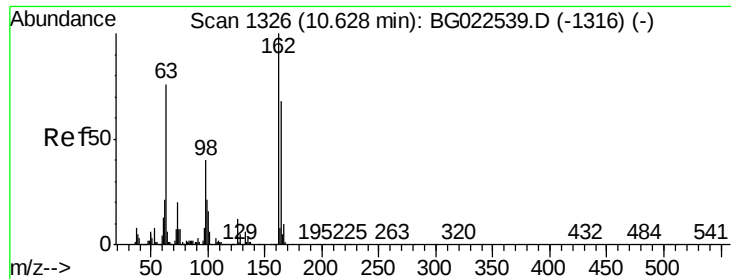
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#28
bis(2-Chloroethoxy)methane
Concen: 33.47 ng
RT: 10.39 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	25.4	38.2
123	11.2	8.2	12.2





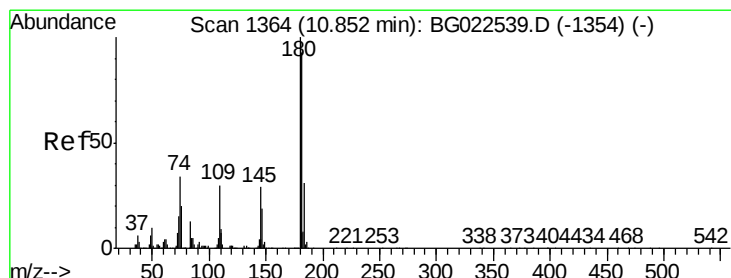
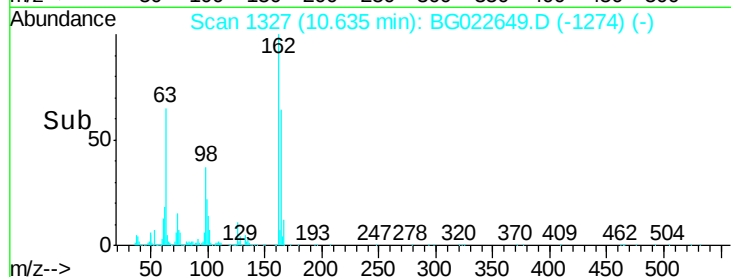
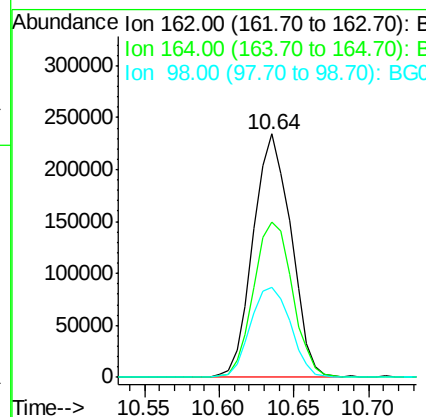
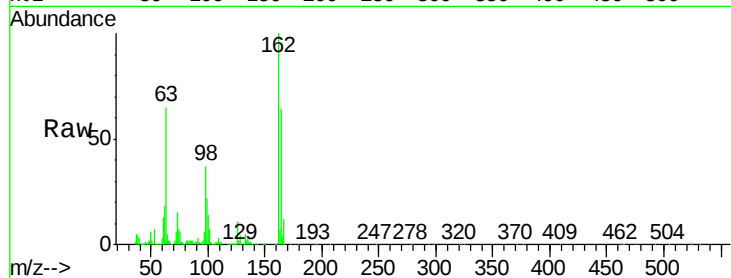
#29
 2,4-Dichlorophenol
 Concen: 38.71 ng
 RT: 10.64 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

Tot Ion:	162	Resp:	410724
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.3	84.3
98	36.8	19.5	59.5

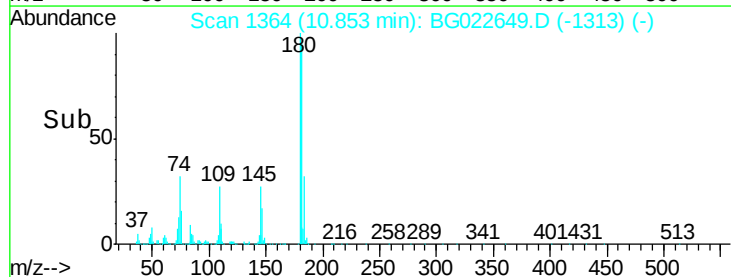
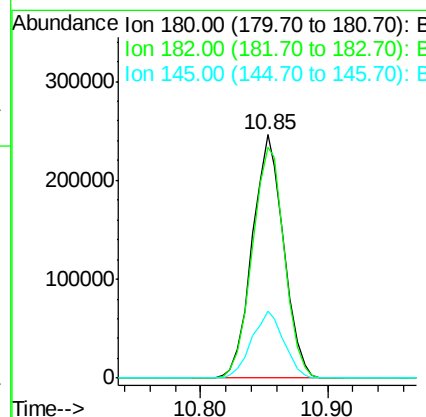
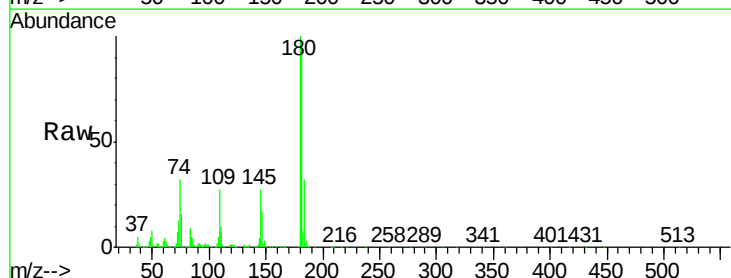
Manual Integrations

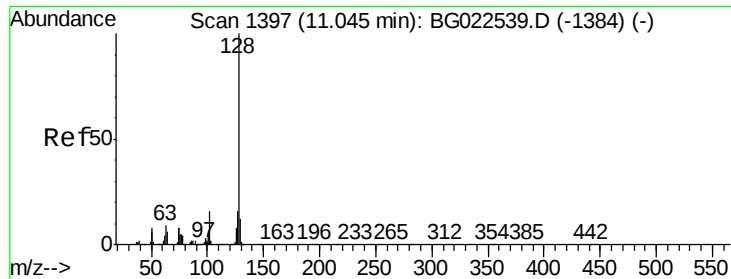
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.57 ng
 RT: 10.85 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion:	180	Resp:	422953
Ion Ratio	Lower	Upper	
180	100		
182	95.0	73.8	110.8
145	27.4	24.4	36.6





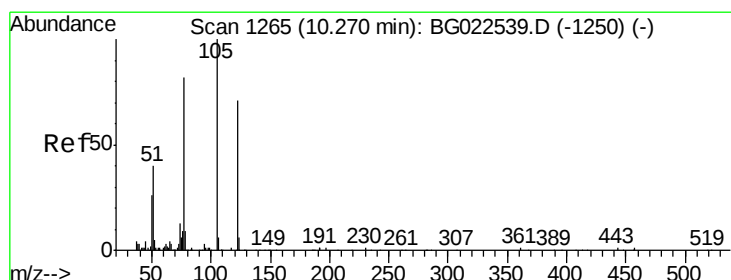
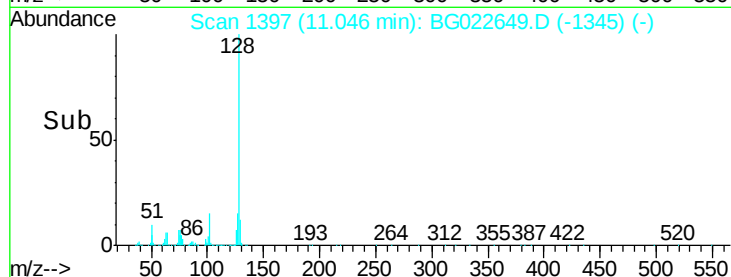
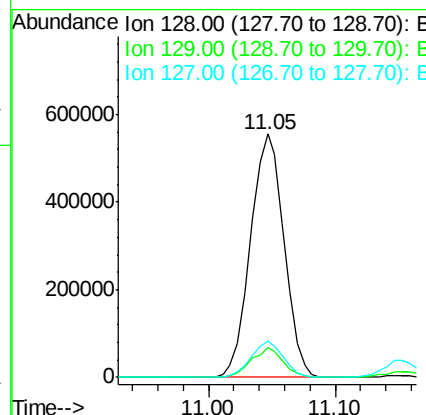
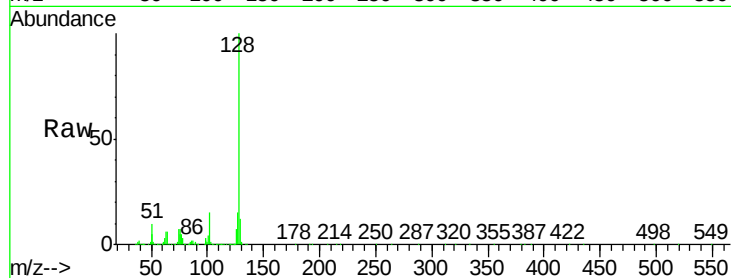
#31
Naphthalene
Concen: 33.45 ng
RT: 11.05 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion:128 Resp: 1018974
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 15.2 11.3 16.9

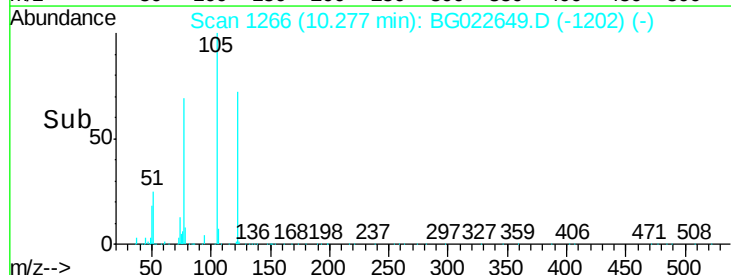
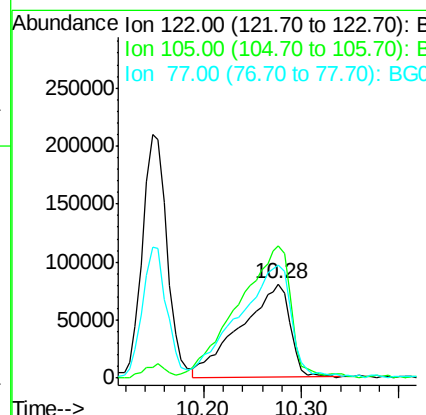
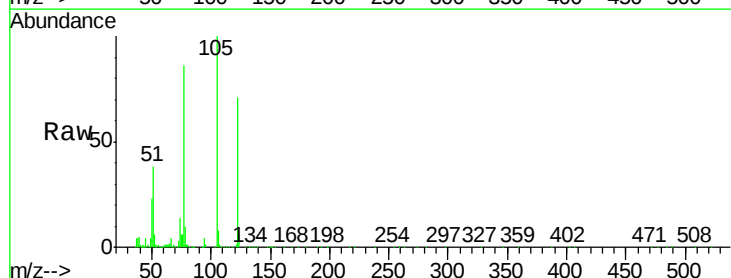
Manual Integrations

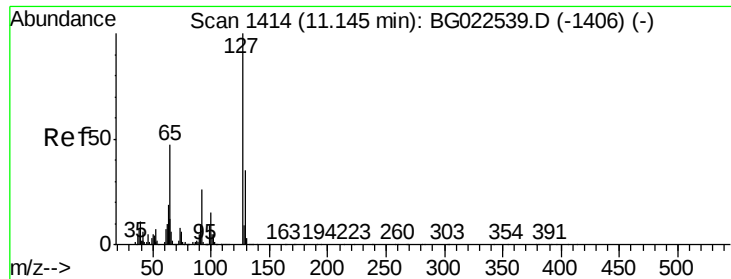
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#32
Benzoic acid
Concen: 40.52 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.08 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:122 Resp: 282130
Ion Ratio Lower Upper
122 100
105 140.2 117.2 157.2
77 120.5 109.2 149.2





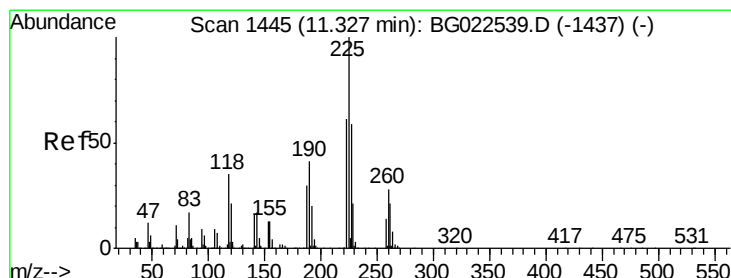
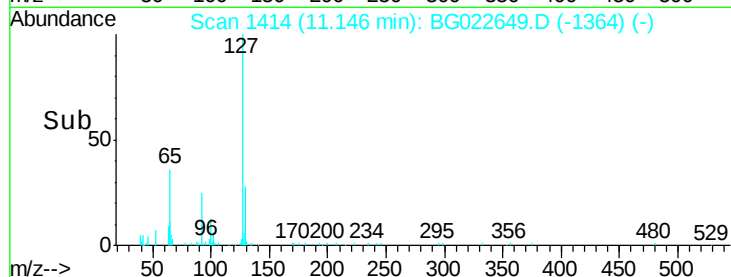
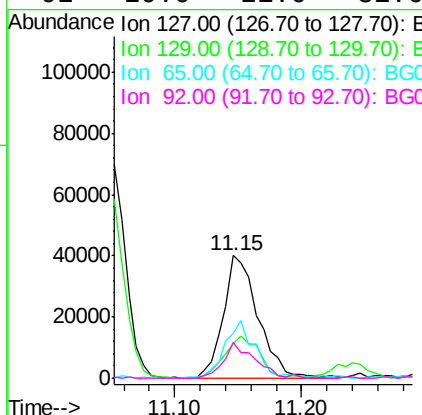
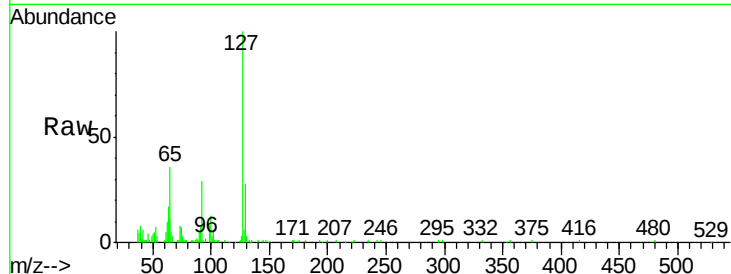
#33
4-Chloroaniline
Concen: 5.83 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		76481		
129	28.1	27.9	41.9		
65	36.5	36.8	55.2		
92	29.0	21.0	31.6		

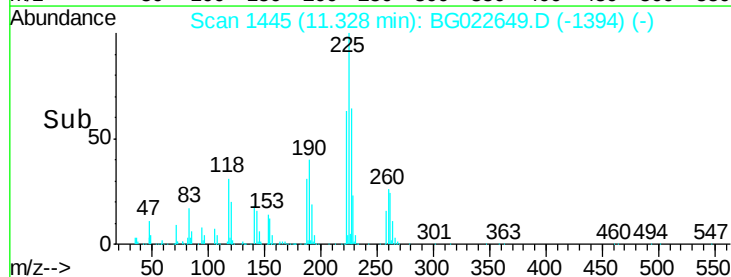
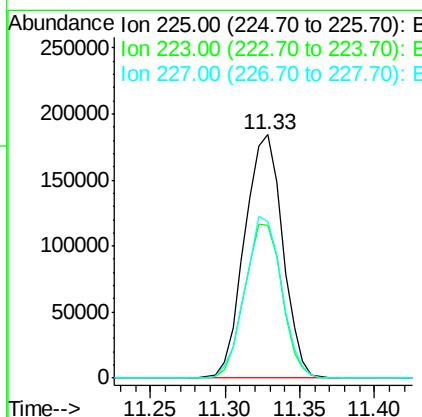
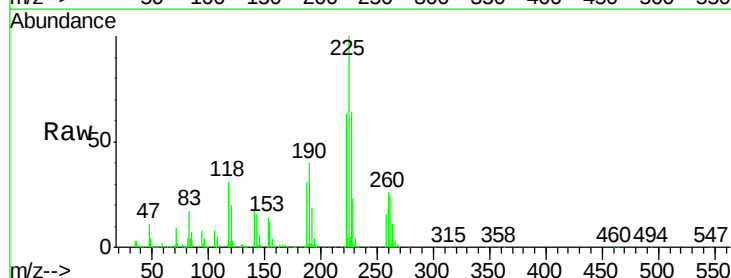
Manual Integrations

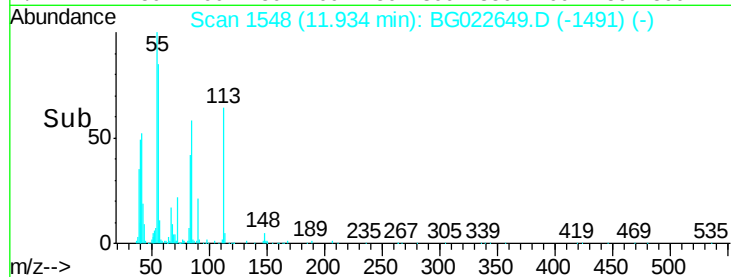
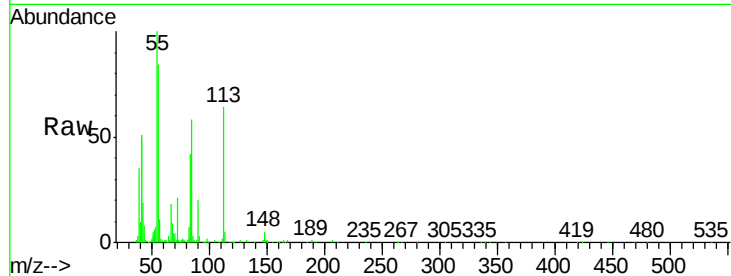
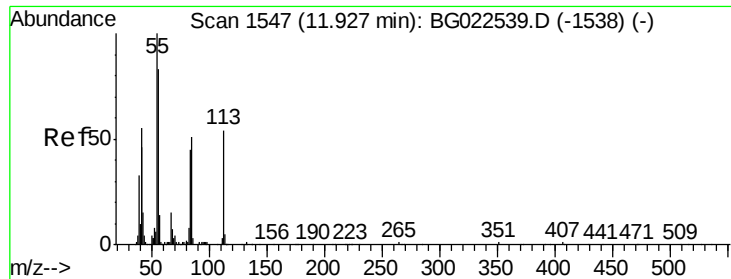
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#34
Hexachlorobutadiene
Concen: 33.17 ng
RT: 11.33 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		324873		
223	62.9	49.6	74.4		
227	64.3	54.5	81.7		





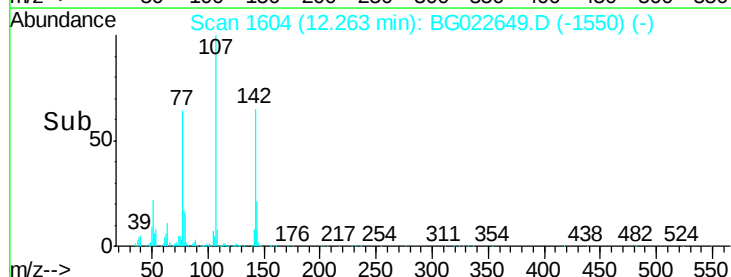
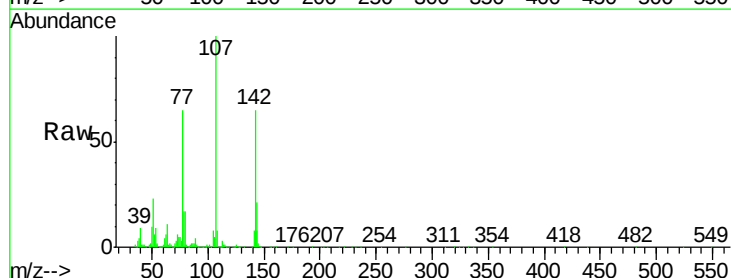
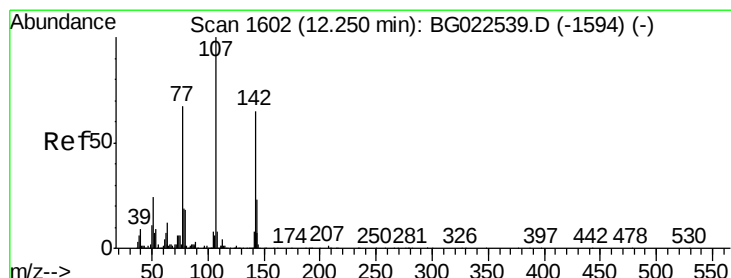
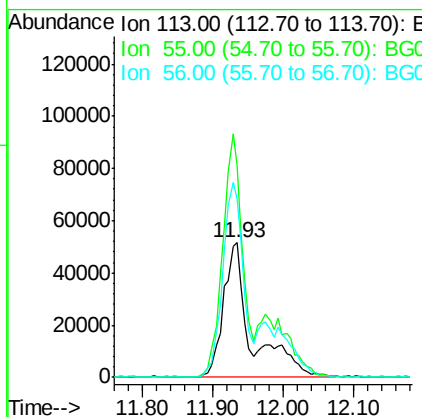
#35
Caprolactam
Concen: 42.85 ng/ml
RT: 11.93 min Scan# 1548
Delta R.T. 0.04 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	157.3	154.5	194.5	
56	132.6	125.1	165.1	

Instrument :
BNA_G
ClientSampleId :
PB91595BS

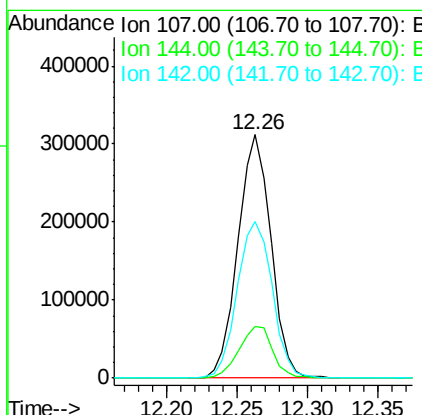
Manual Integrations

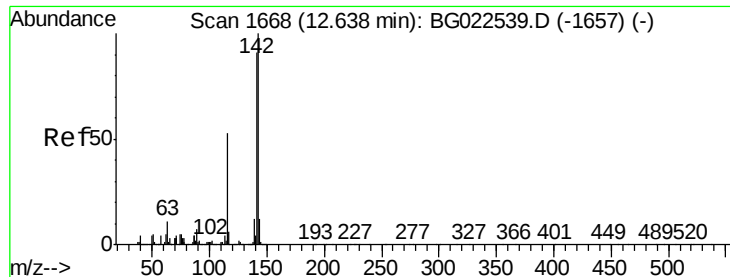
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#36
4-Chloro-3-methylphenol
Concen: 39.27 ng/ml
RT: 12.26 min Scan# 1604
Delta R.T. 0.02 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	21.3	17.0	25.6	
142	64.6	53.0	79.6	





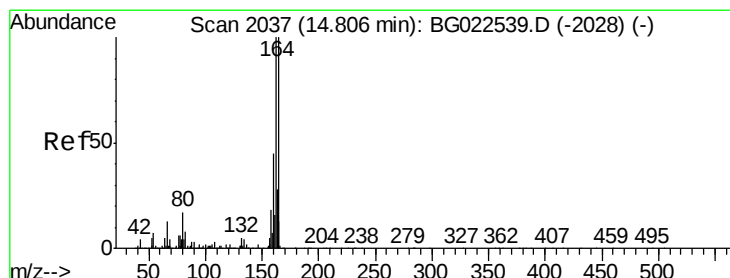
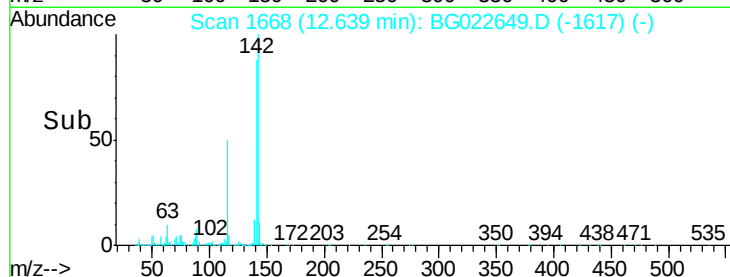
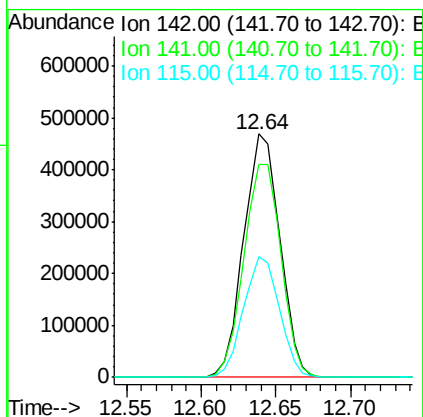
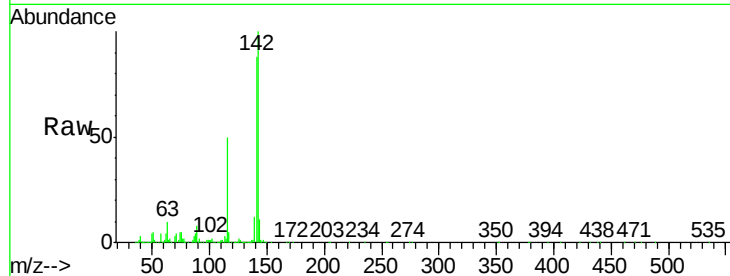
#37
2-Methylnaphthalene
Concen: 33.41 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.2	105.2
115	49.7	41.7	62.5

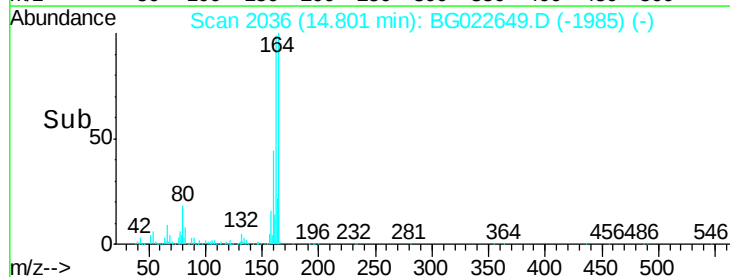
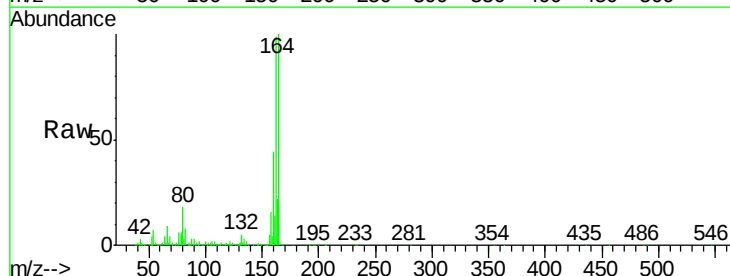
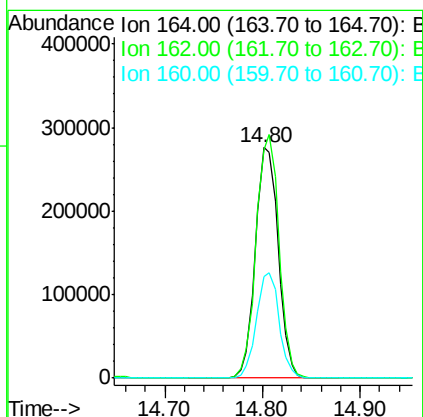
Manual Integrations

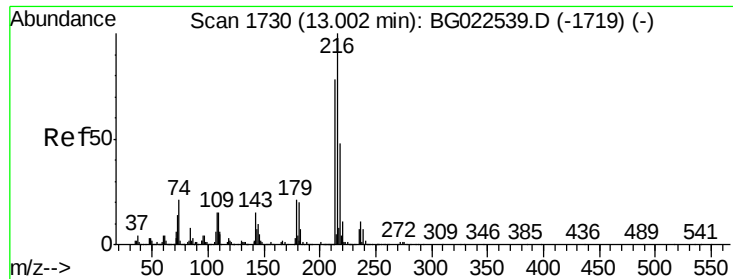
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	87.7	131.5
160	44.1	37.2	55.8





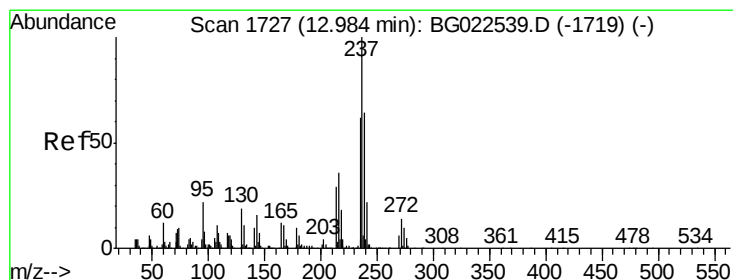
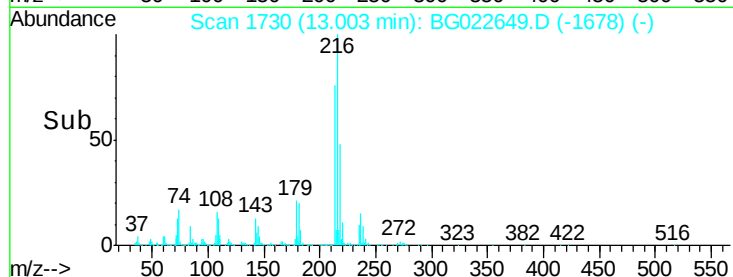
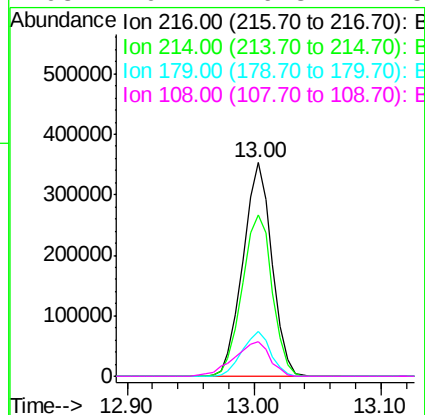
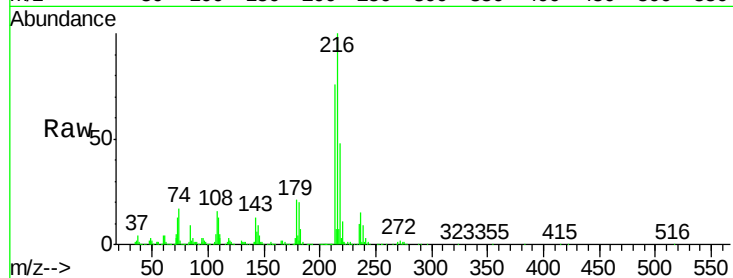
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.73 ng
 RT: 13.00 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		558577		
214	78.2	62.9	94.3		
179	20.6	17.2	25.8		
108	20.1	16.3	24.5		

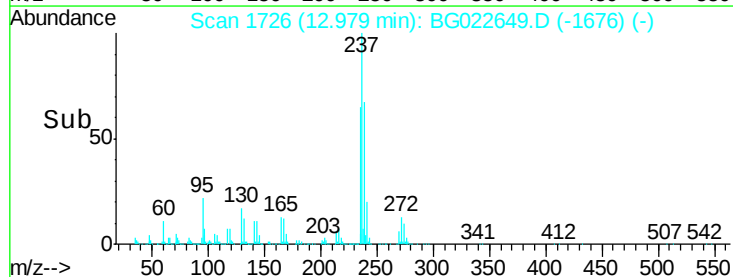
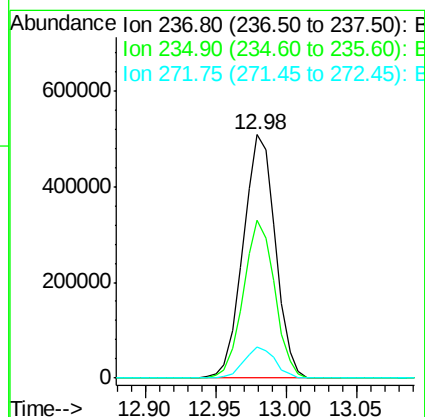
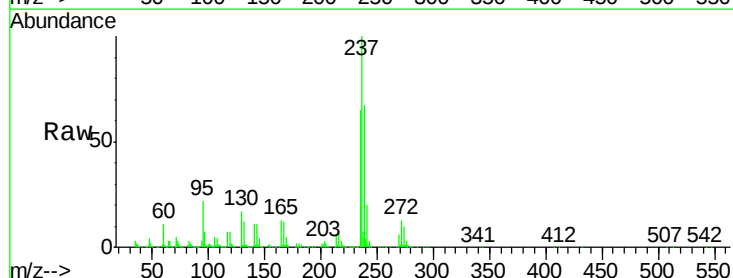
Manual Integrations

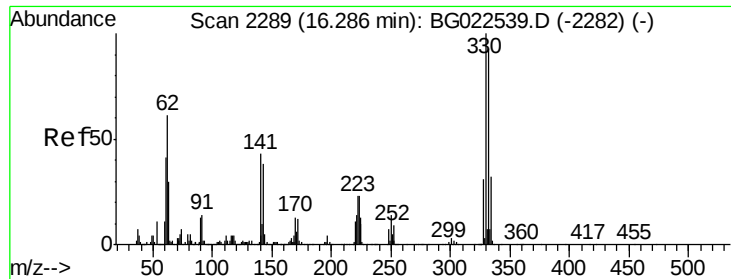
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#40
 Hexachlorocyclopentadiene
 Concen: 59.36 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		808786		
235	64.6	43.1	83.1		
272	12.5	0.0	30.9		





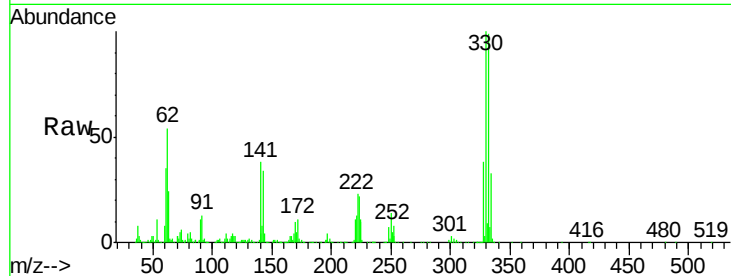
#41
 2,4,6-Tribromophenol
 Concen: 118.84 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

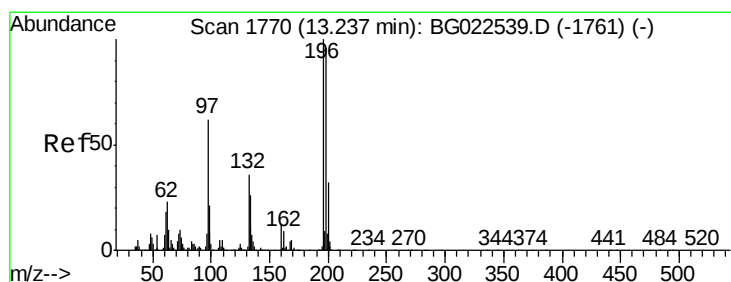
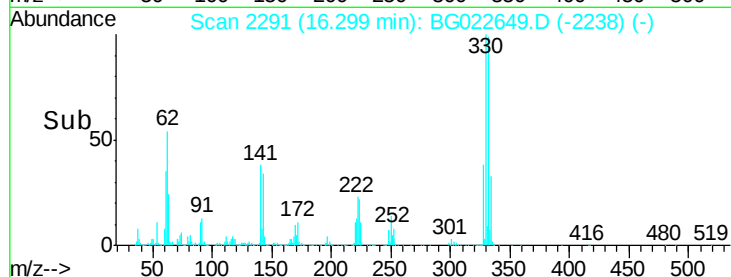
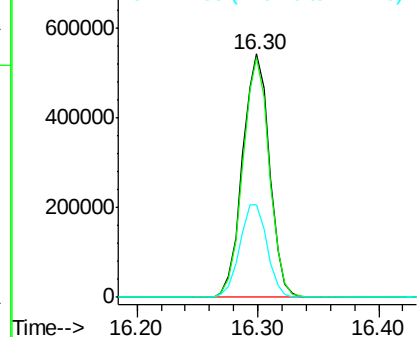
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	38.5	31.7	47.5

Manual Integrations

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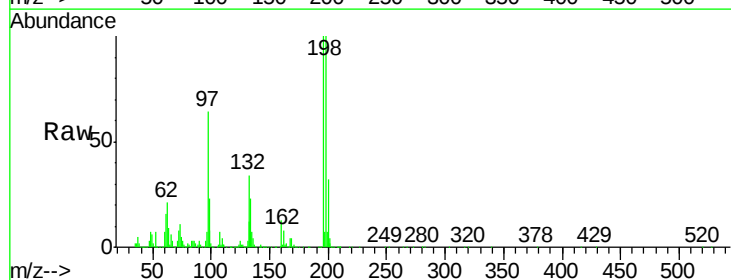


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

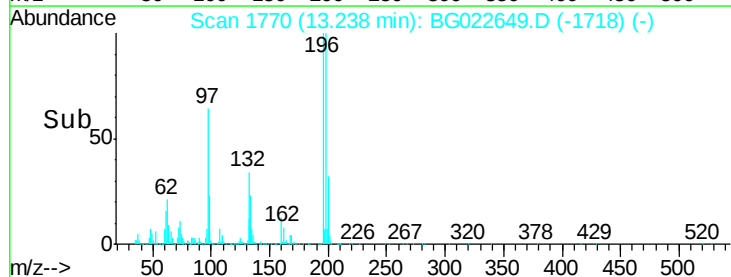
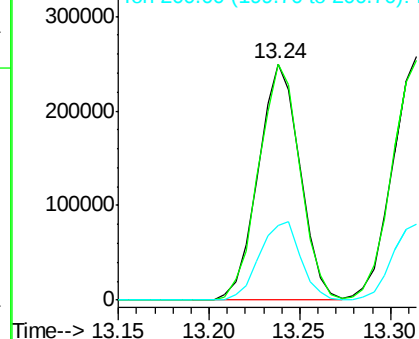


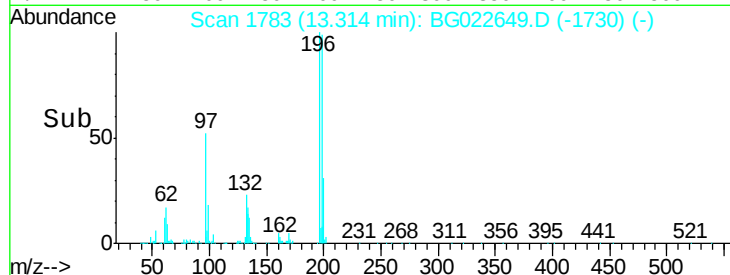
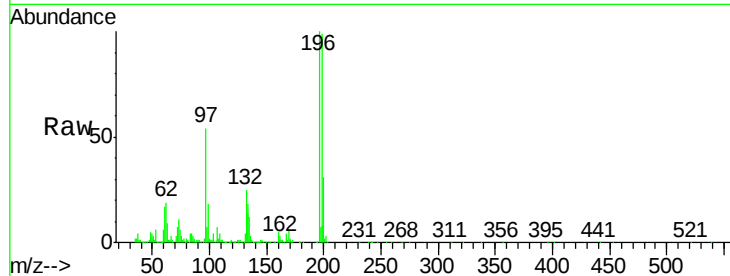
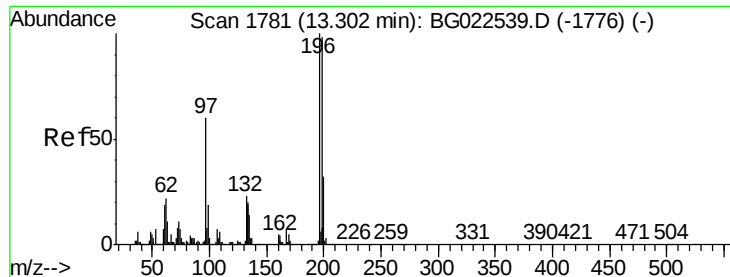
#42
 2,4,6-Trichlorophenol
 Concen: 36.35 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	78.2	117.2
200	31.9	27.0	40.4



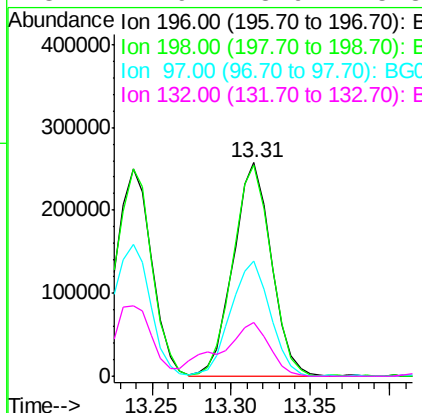
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 37.42 ng
RT: 13.31 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		428526		
198	98.7	85.7	128.5		
97	54.2	45.5	68.3		
132	24.9	18.9	28.3		



Instrument :

BNA_G

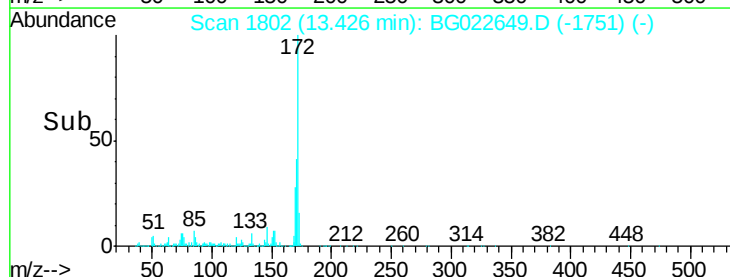
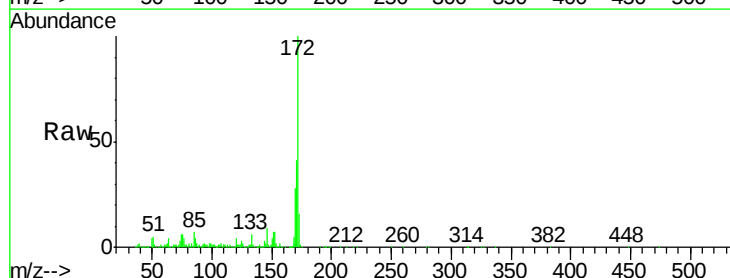
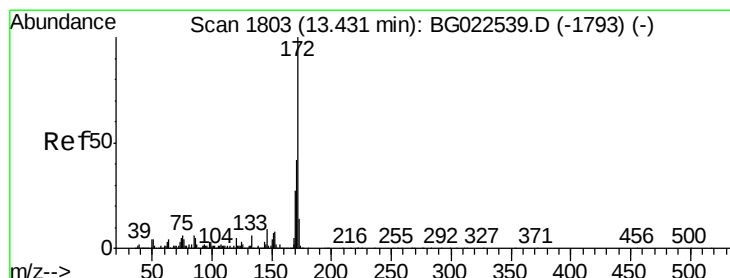
ClientSampleId :

PB91595BS

Manual Integrations

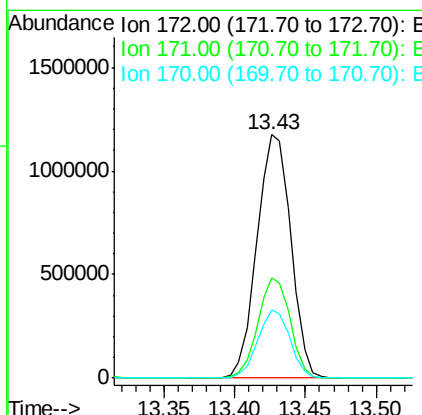
umangi

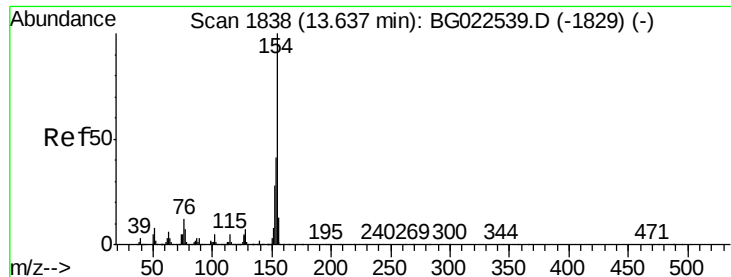
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#44
2-Fluorobiphenyl
Concen: 69.52 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1981924		
171	41.0	31.6	47.4		
170	27.8	21.3	31.9		





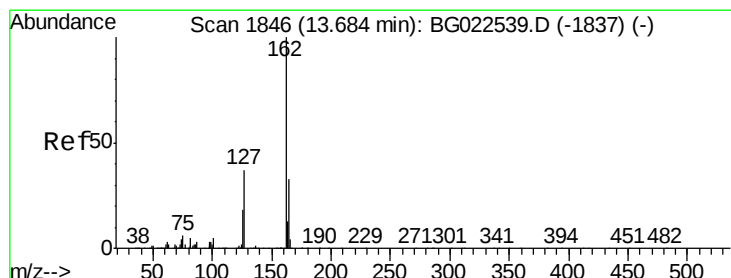
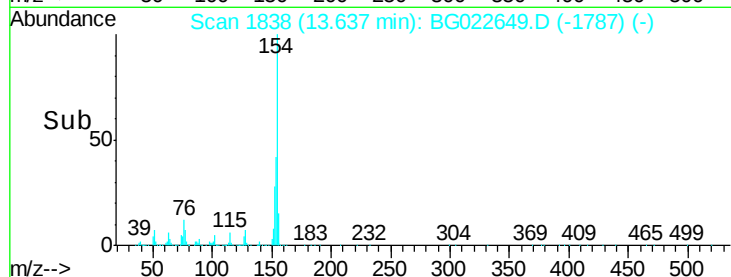
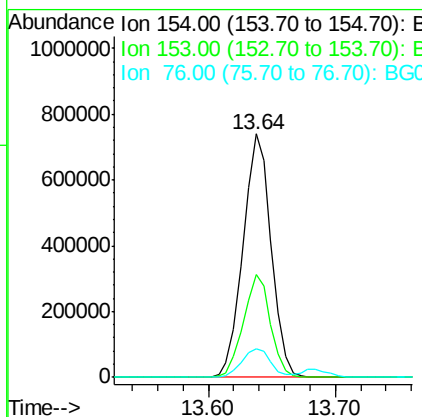
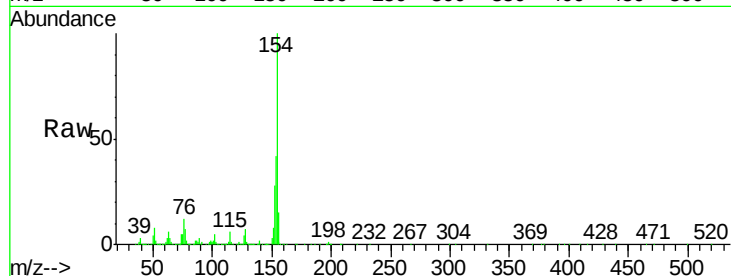
#45
1,1'-Biphenyl
Concen: 32.80 ng
RT: 13.64 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.2	60.2
76	12.0	0.0	32.9

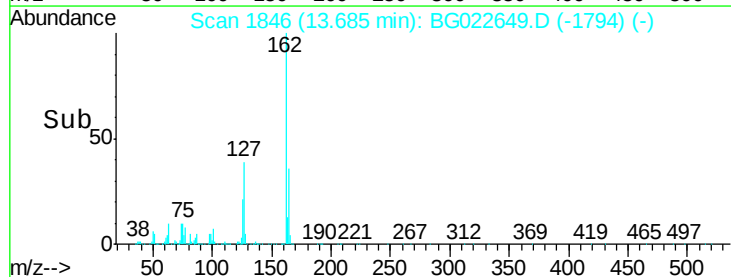
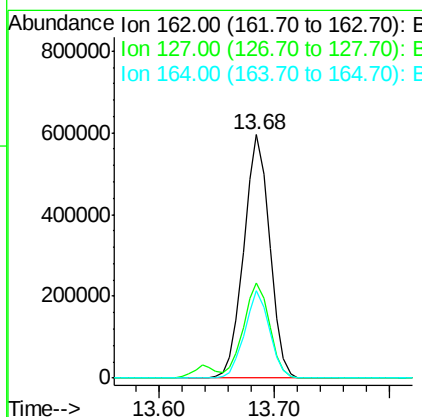
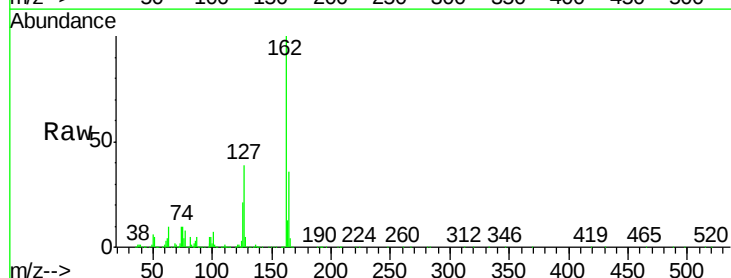
Manual Integrations

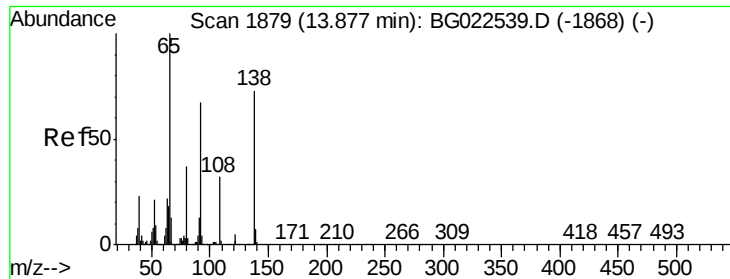
umangi
6/28/2016 7:27:24 PM



#46
2-Chloronaphthalene
Concen: 32.66 ng
RT: 13.68 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.4	48.6
164	35.9	25.2	37.8





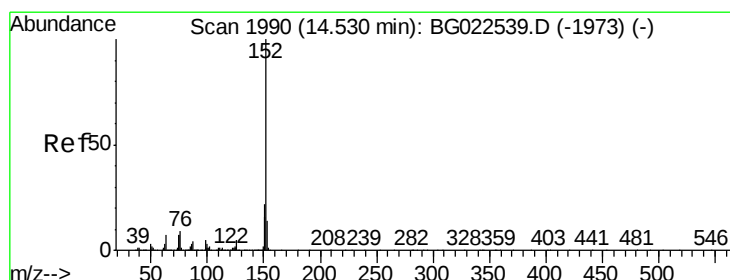
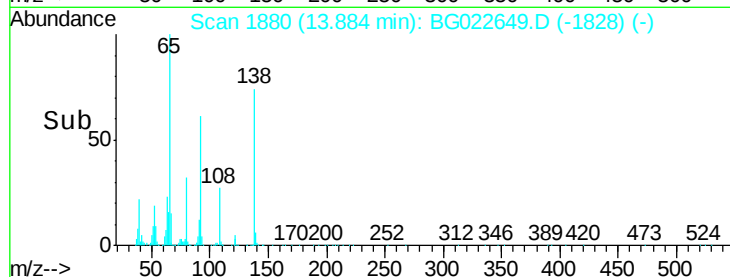
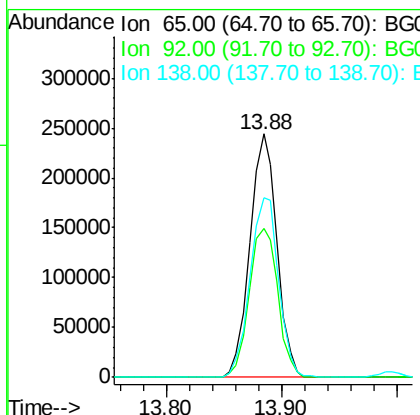
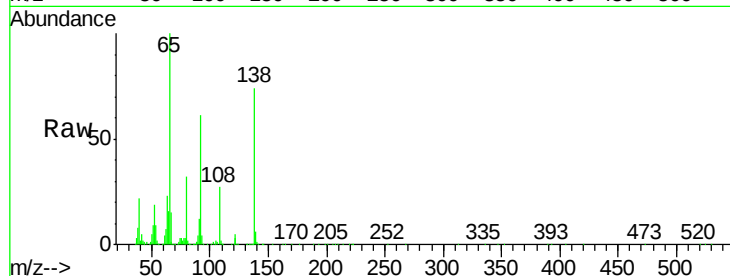
#47
2-Nitroaniline
Concen: 36.30 ng
RT: 13.88 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.0	49.4	74.0
138	73.7	58.0	87.0

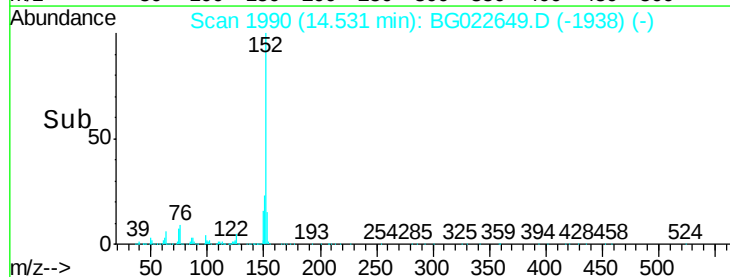
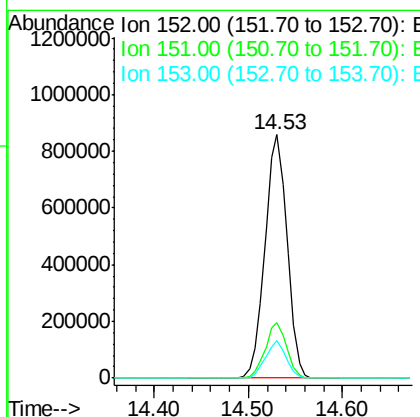
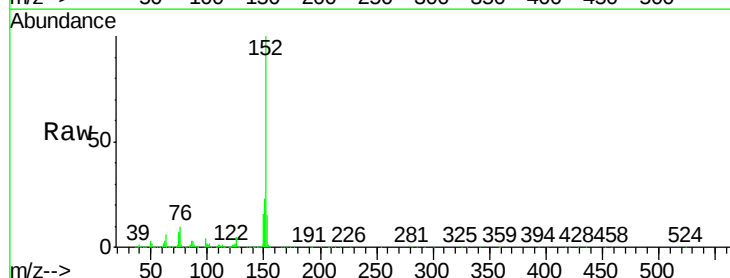
Manual Integrations

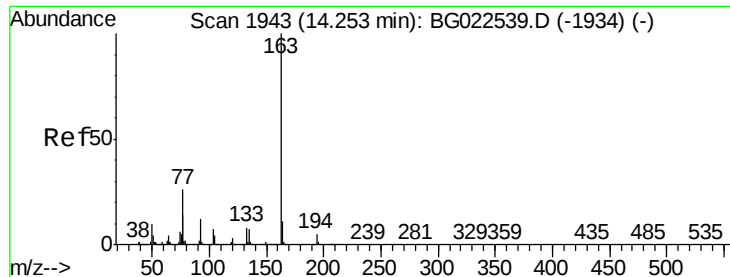
umangi
6/28/2016 7:27:24 PM



#48
Acenaphthylene
Concen: 34.00 ng
RT: 14.53 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.6	26.4
153	15.4	11.4	17.2





#49

Dimethylphthalate

Concen: 34.35 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tot Ion:163 Resp: 1288382

Ion Ratio Lower Upper

163 100

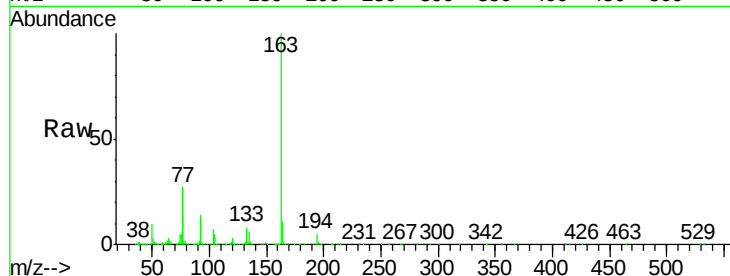
194 4.9 3.6 5.4

164 11.2 8.1 12.1

Manual Integrations

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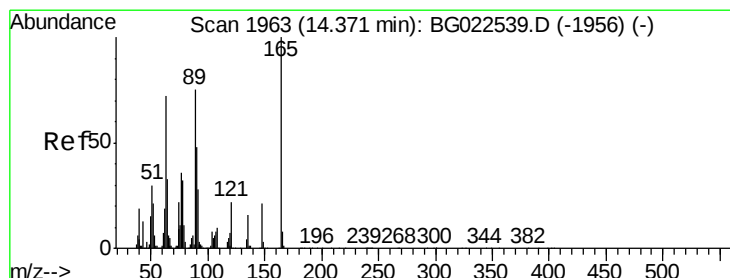
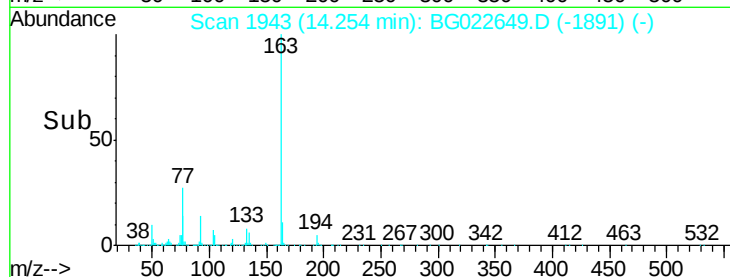
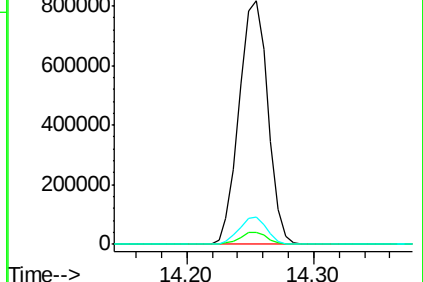
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.92 ng

RT: 14.37 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

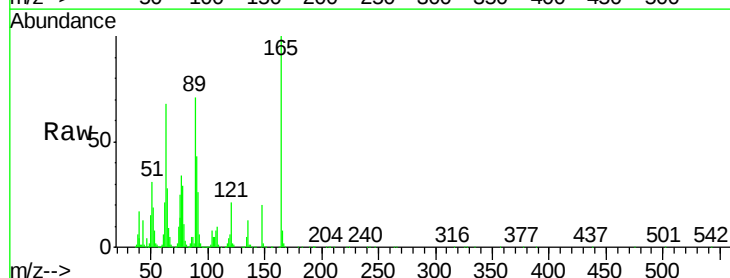
Tgt Ion:165 Resp: 300856

Ion Ratio Lower Upper

165 100

63 68.4 64.3 96.5

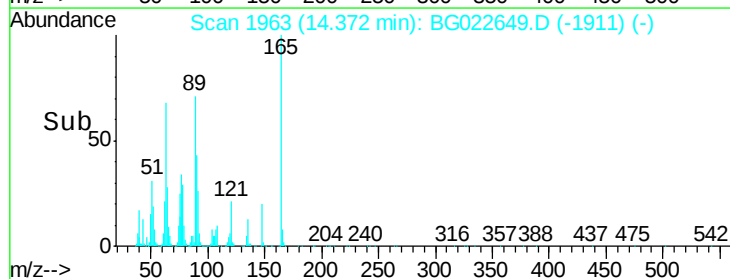
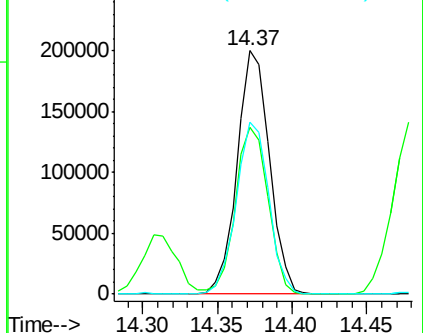
89 70.6 64.3 96.5

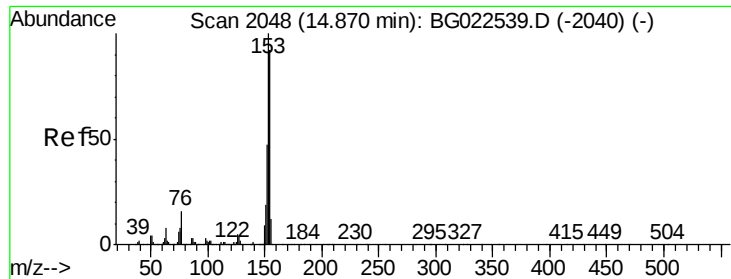


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 30.90 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tot Ion:154 Resp: 935782

Ion Ratio Lower Upper

154 100

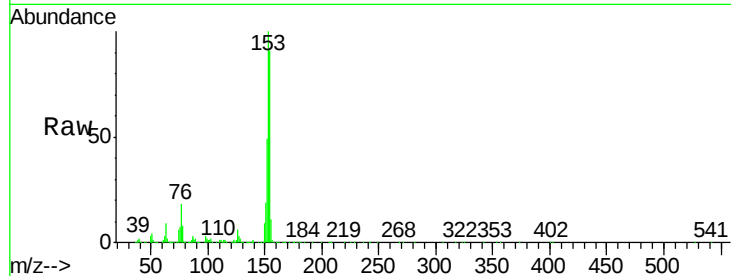
153 109.3 87.5 131.3

152 53.6 42.7 64.1

Manual Integrations

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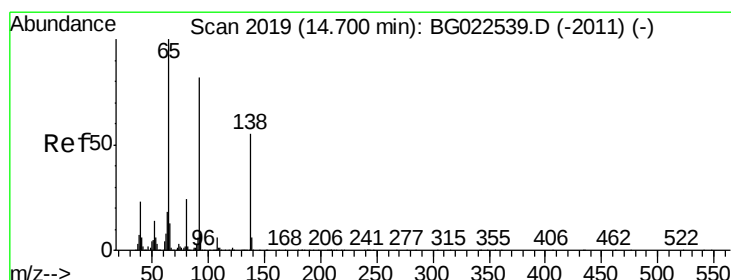
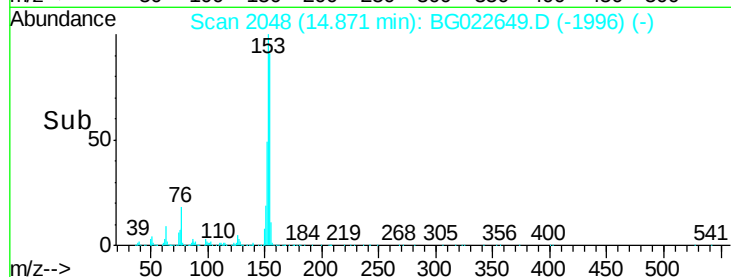
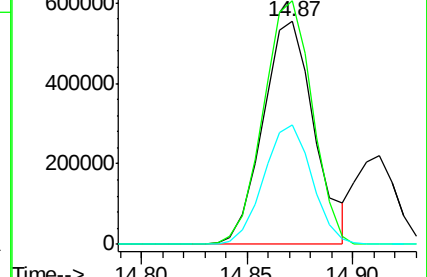
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.03 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

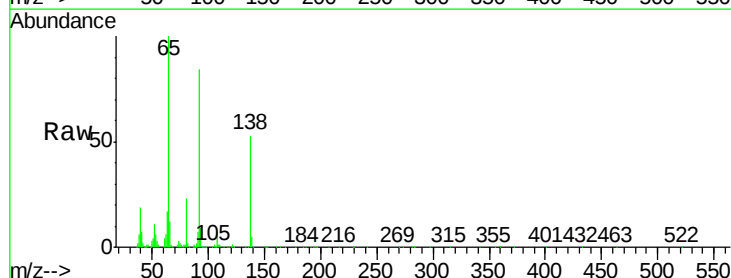
Tgt Ion:138 Resp: 168029

Ion Ratio Lower Upper

138 100

108 13.7 11.7 17.5

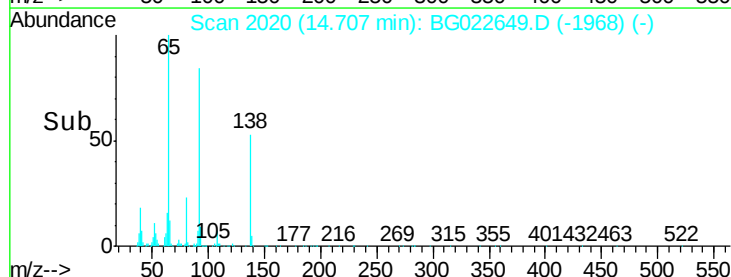
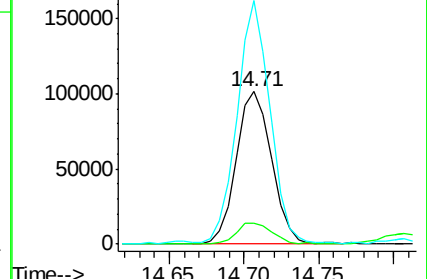
92 159.9 129.7 194.5

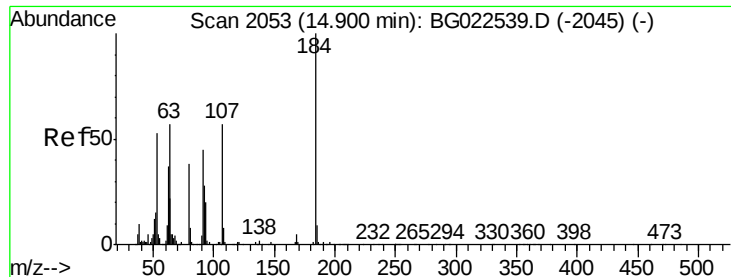


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





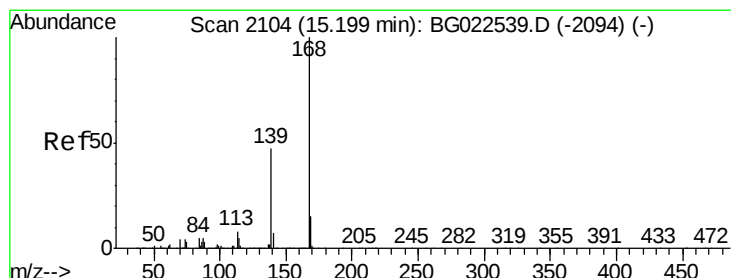
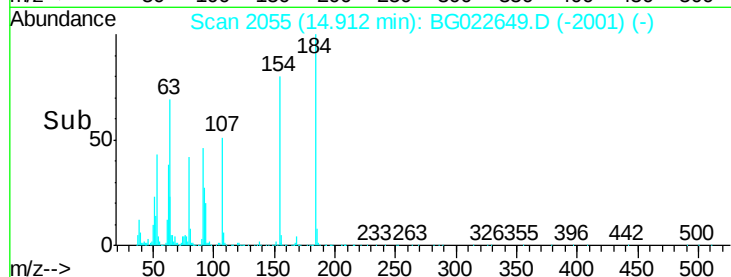
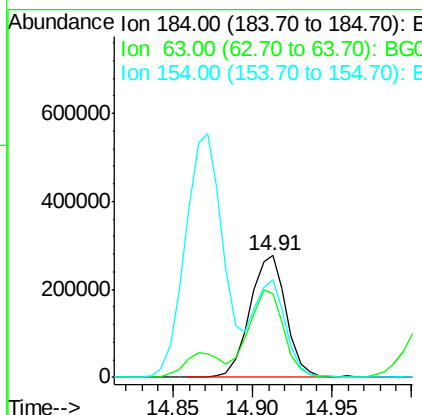
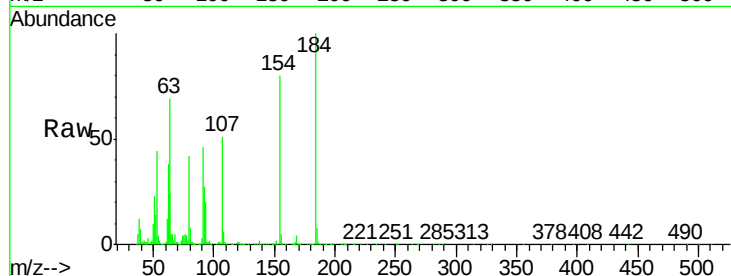
#53
 2,4-Dinitrophenol
 Concen: 87.24 ng
 RT: 14.91 min Scan# 2055
 Delta R.T. 0.02 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Instrument :
 BNA_G
 ClientSampleID :
 PB91595BS

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
63	68.7	59.6	89.4	
154	80.0	67.4	101.0	

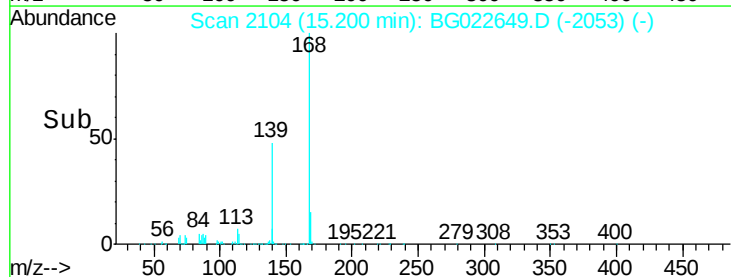
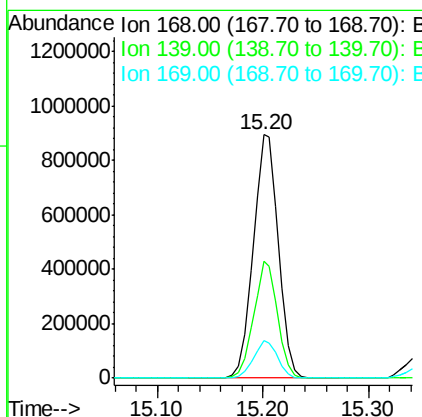
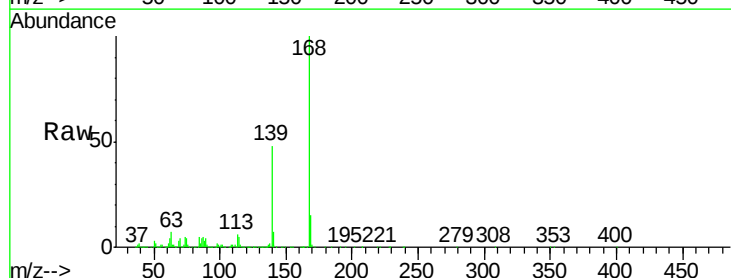
Manual Integrations

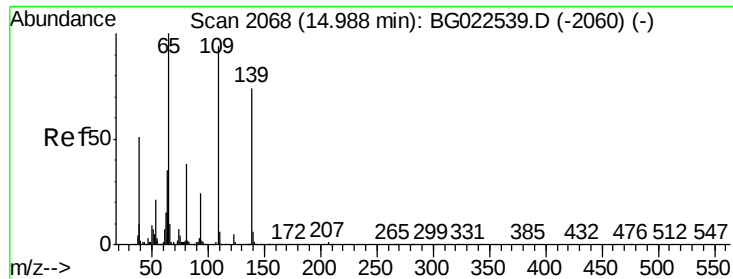
umangi
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#54
 Dibenzofuran
 Concen: 33.64 ng
 RT: 15.20 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	47.8	36.4	54.6	
169	15.5	11.9	17.9	





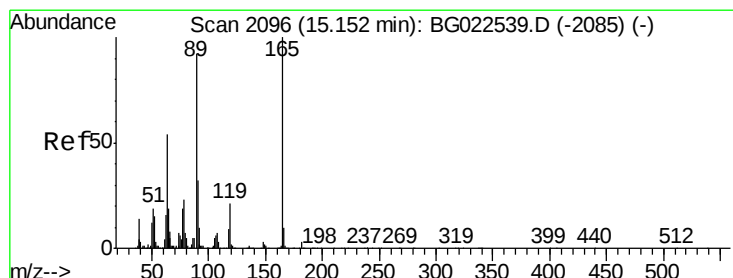
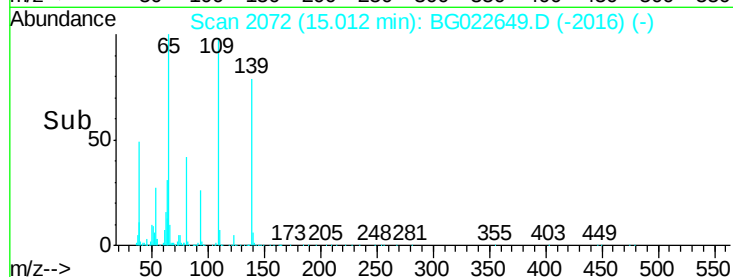
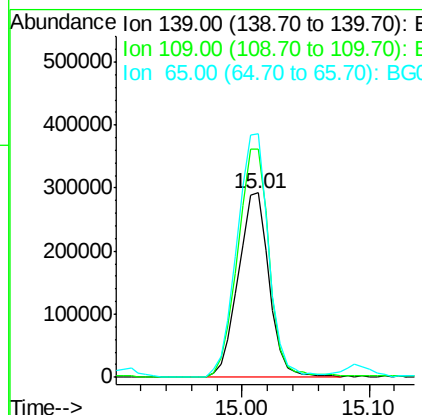
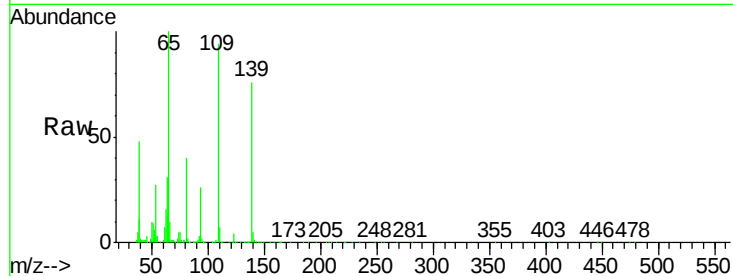
#55
4-Nitrophenol
Concen: 76.82 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.03 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	123.4	103.0	143.0
65	131.9	112.7	152.7

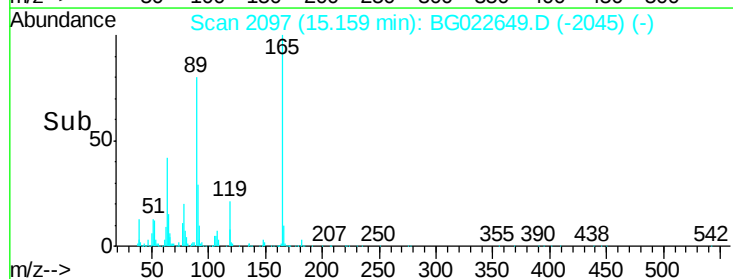
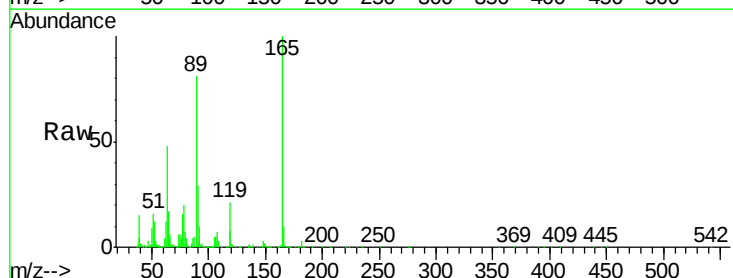
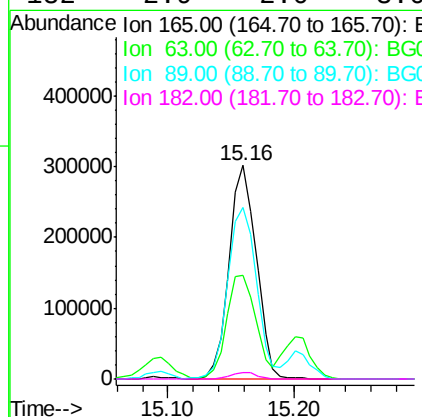
Manual Integrations

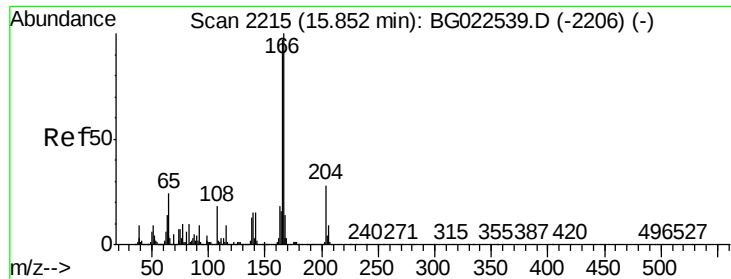
umangi
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#56
2,4-Dinitrotoluene
Concen: 39.62 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.5	45.8	68.6
89	80.6	68.6	102.8
182	2.9	2.0	3.0





#57

Fluorene

Concen: 34.81 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tot Ion:166 Resp: 1218085

Ion Ratio Lower Upper

166 100

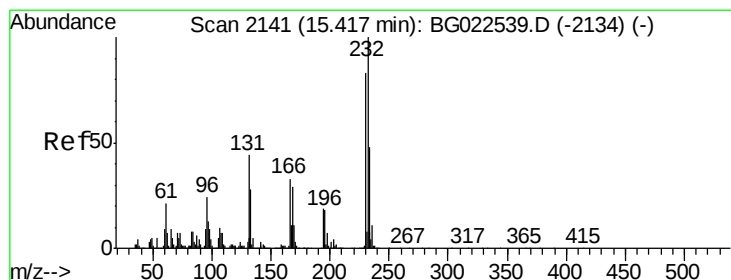
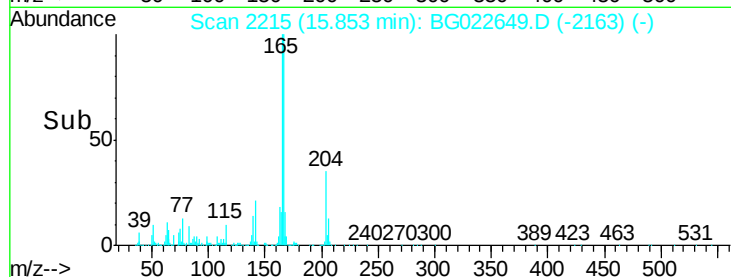
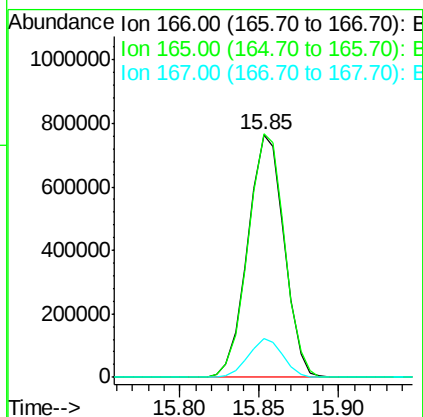
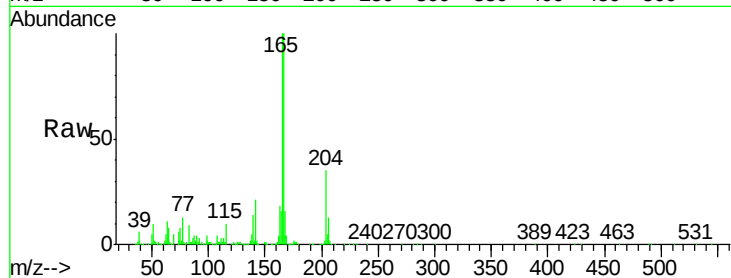
165 100.3 81.0 121.6

167 16.0 12.0 18.0

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.51 ng

RT: 15.42 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Tgt Ion:232 Resp: 457236

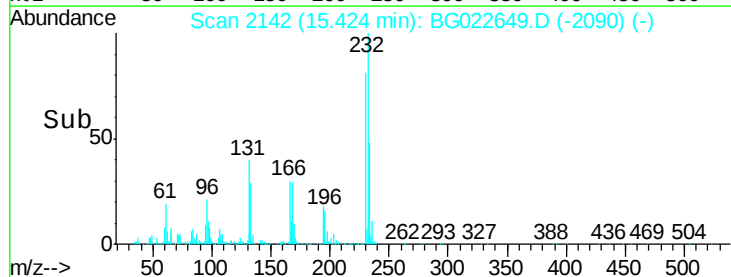
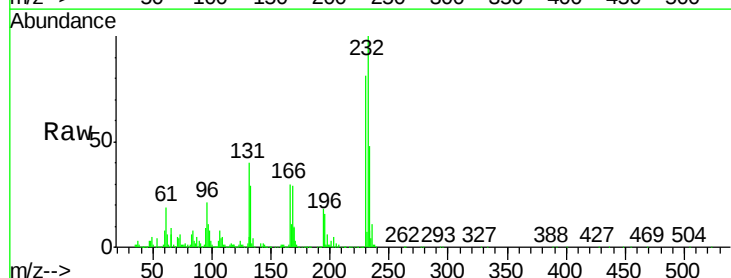
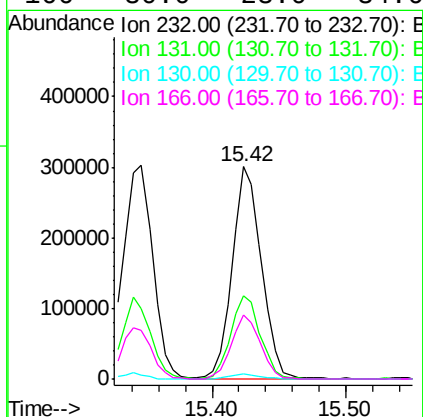
Ion Ratio Lower Upper

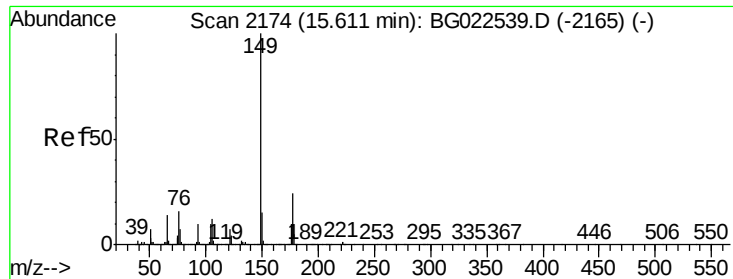
232 100

131 39.5 32.7 49.1

130 2.4 2.6 3.8#

166 30.0 23.0 34.6





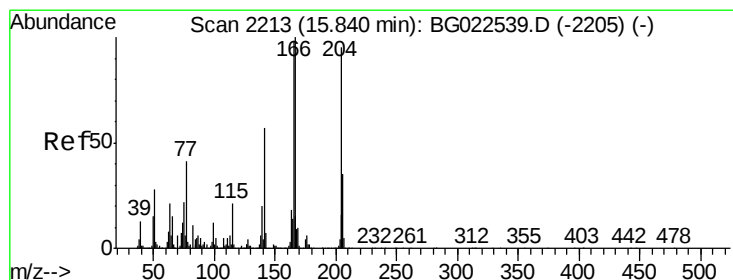
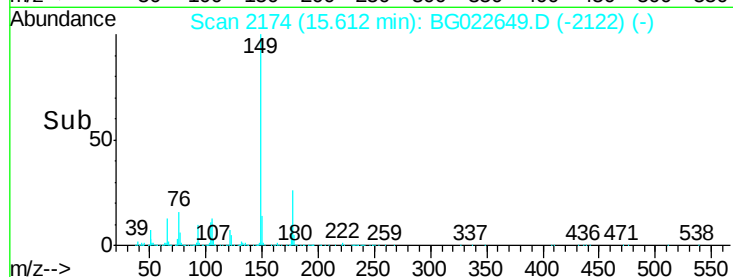
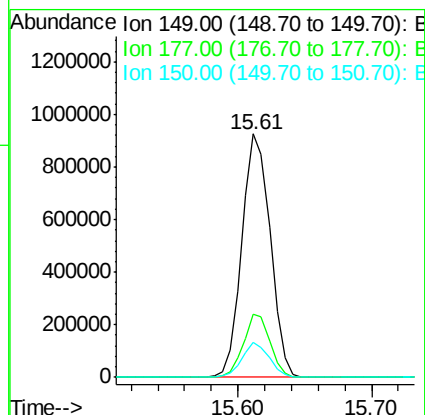
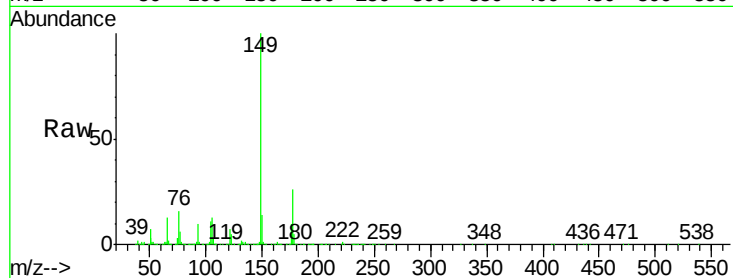
#59
Diethylphthalate
Concen: 35.09 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
177	26.0	19.2	28.8	
150	14.3	10.6	16.0	

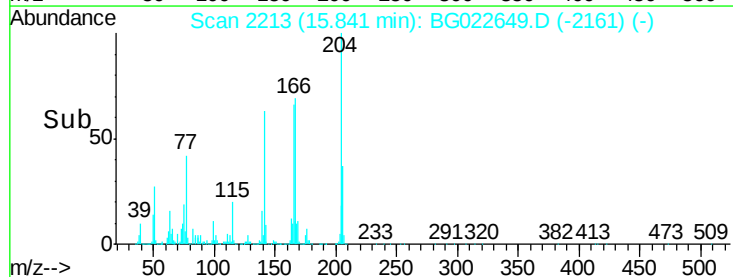
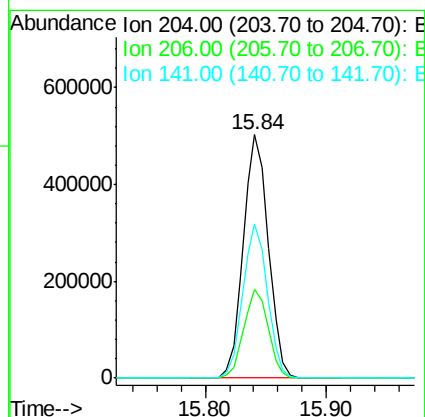
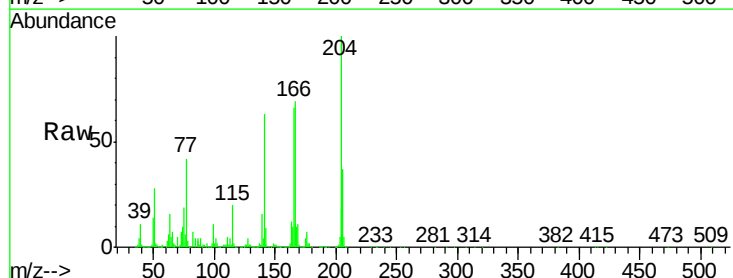
Manual Integrations

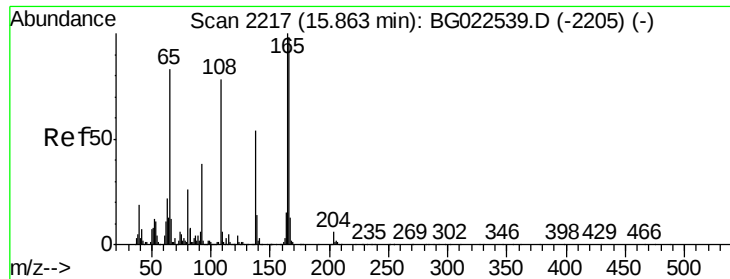
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 34.89 ng
RT: 15.84 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
204	100			
206	36.5	28.5	42.7	
141	63.1	51.4	77.0	





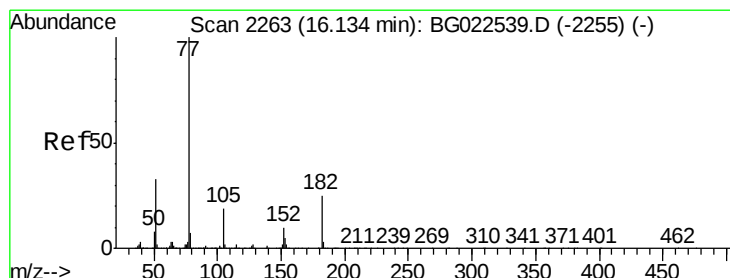
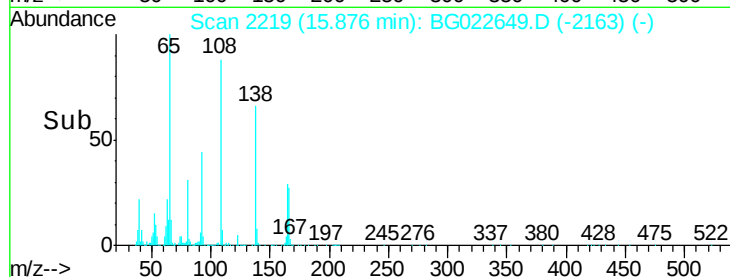
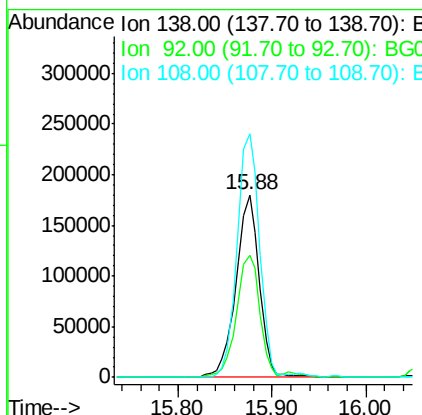
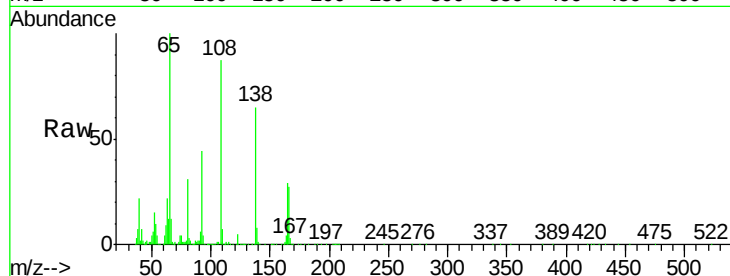
#61
4-Nitroaniline
Concen: 39.42 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.03 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion:138 Resp: 310205
Ion Ratio Lower Upper
138 100
92 66.8 54.1 94.1
108 133.5 133.9 173.9#

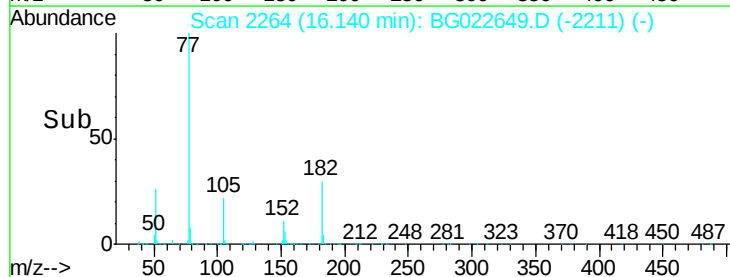
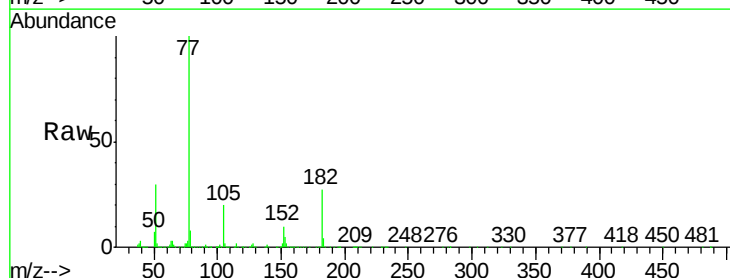
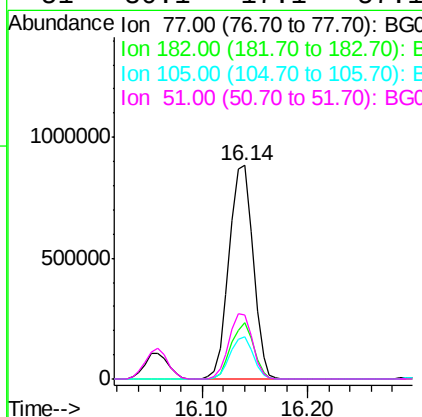
Manual Integrations

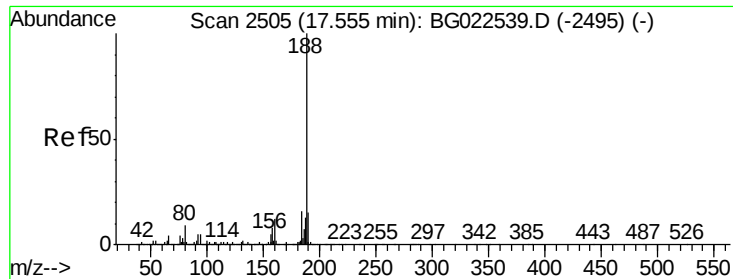
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#62
Azobenzene
Concen: 33.25 ng
RT: 16.14 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion: 77 Resp: 1388350
Ion Ratio Lower Upper
77 100
182 26.7 3.5 43.5
105 19.8 0.0 38.5
51 30.1 17.1 57.1





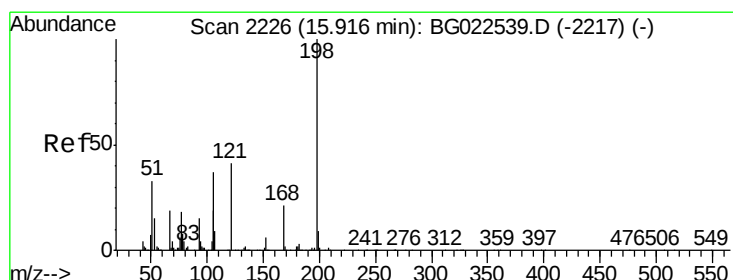
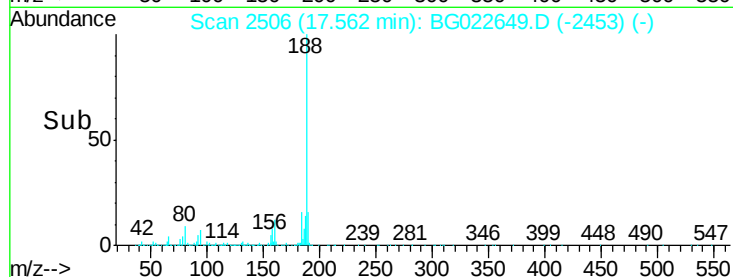
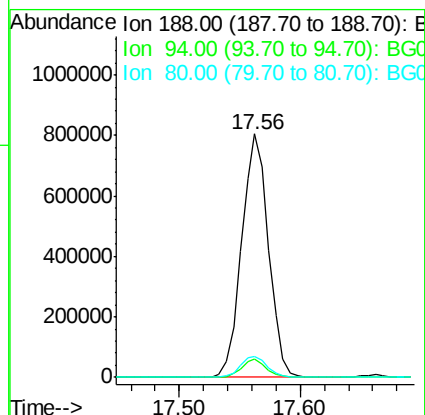
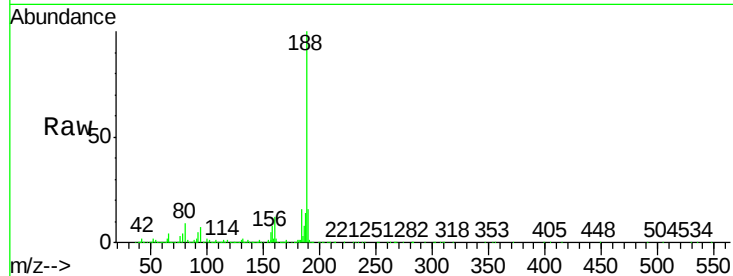
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.2	7.8
80	8.7	7.2	10.8

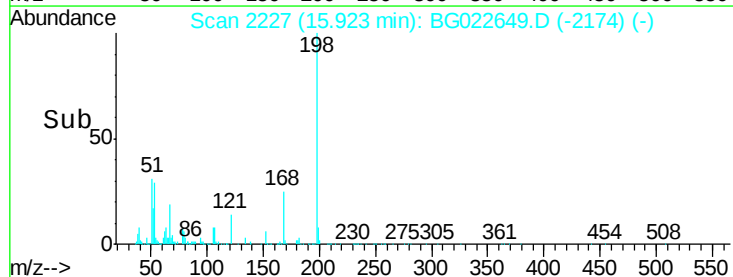
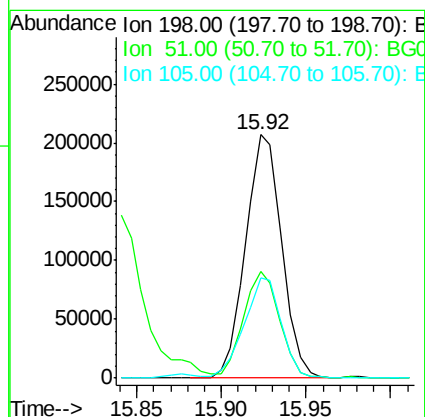
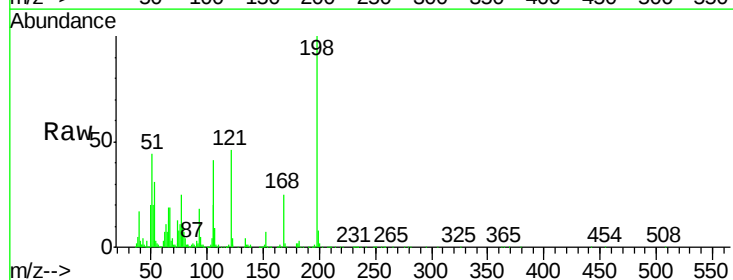
Manual Integrations

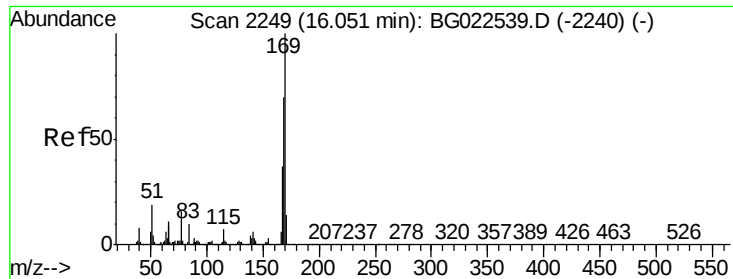
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.13 ng
RT: 15.92 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.9	26.0	66.0
105	41.4	20.1	60.1





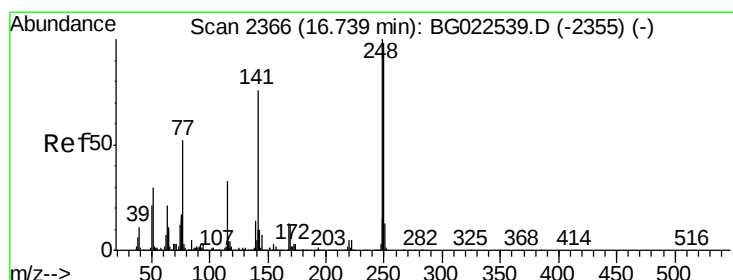
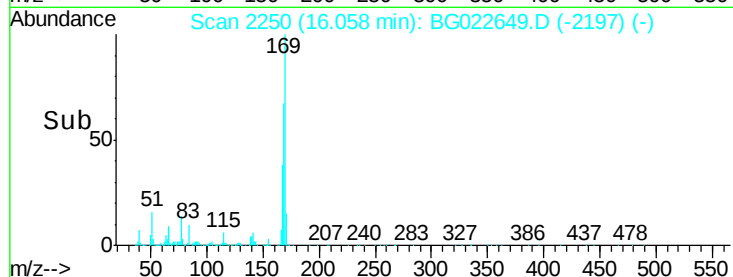
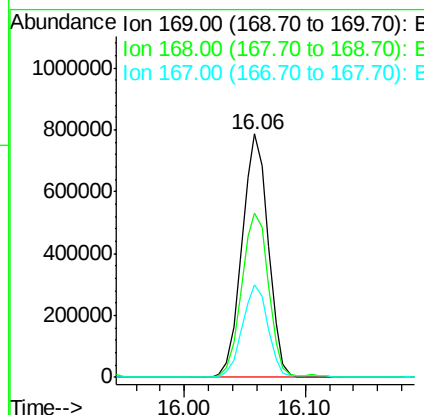
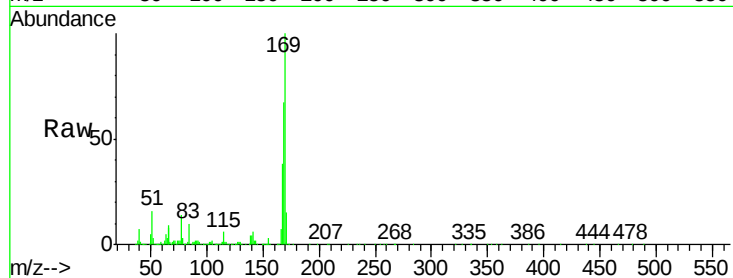
#65
n-Nitrosodiphenylamine
Concen: 33.13 ng
RT: 16.06 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampled :
PB91595BS

Tot Ion:169 Resp: 1193290
Ion Ratio Lower Upper
169 100
168 67.2 55.0 82.4
167 37.9 27.4 41.0

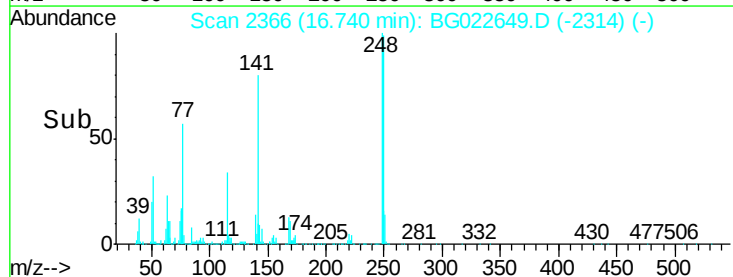
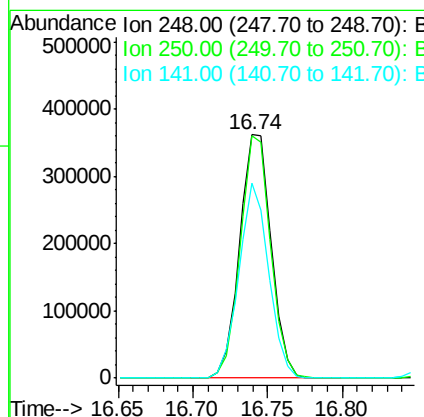
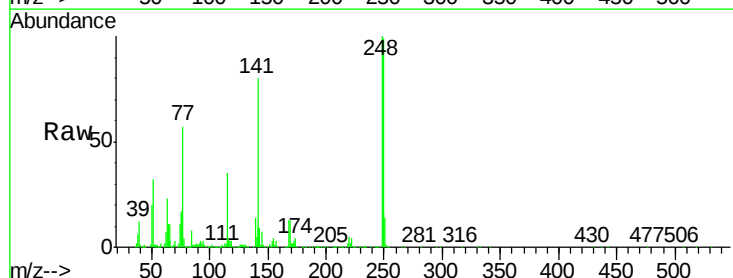
Manual Integrations

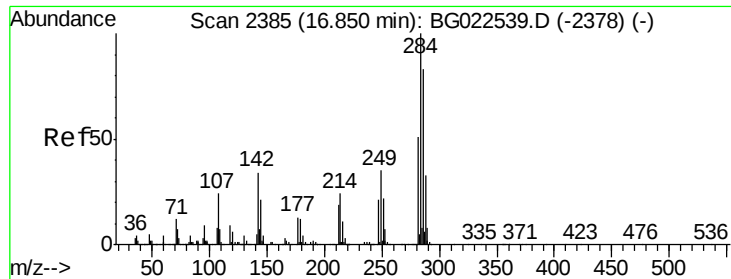
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#66
4-Bromophenyl-phenylether
Concen: 32.98 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:248 Resp: 529496
Ion Ratio Lower Upper
248 100
250 99.3 77.8 116.8
141 80.1 65.7 98.5





#67

Hexachlorobenzene

Concen: 32.82 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampled :

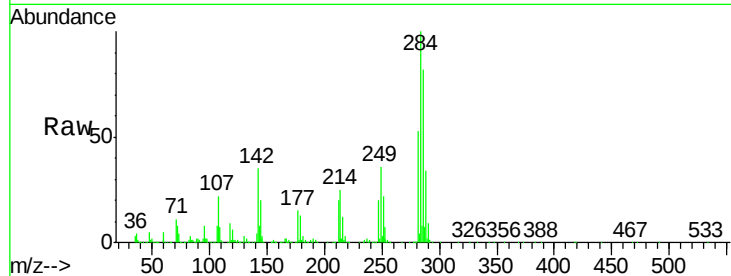
PB91595BS

Tot Ion:	284	Resp:	557122
Ion Ratio	Lower	Upper	
284	100		
142	34.9	26.8	40.2
249	36.3	28.9	43.3

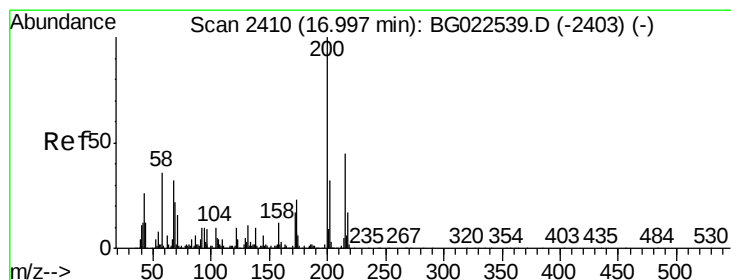
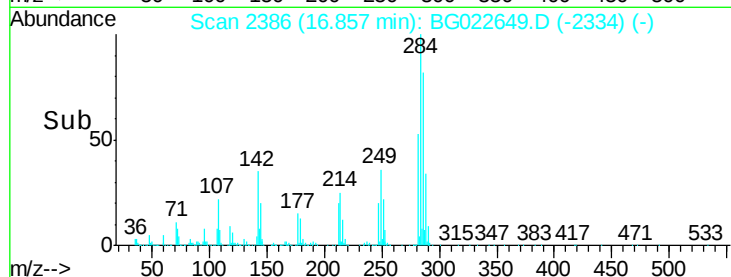
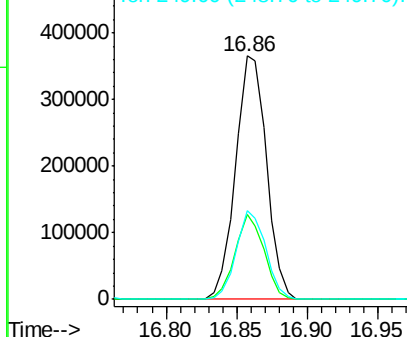
Manual Integrations

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



#68

Atrazine

Concen: 35.07 ng

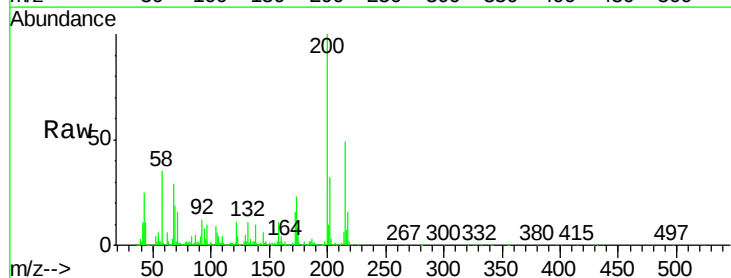
RT: 17.01 min Scan# 2412

Delta R.T. 0.02 min

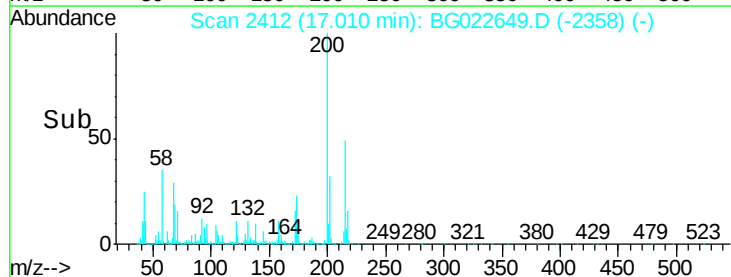
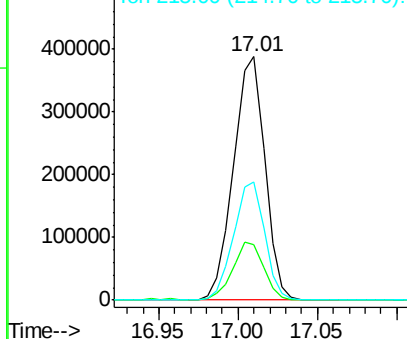
Lab File: BG022649.D

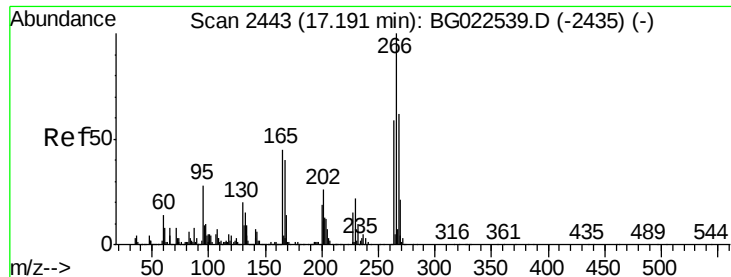
Acq: 27 Jun 2016 19:18

Tgt Ion:	200	Resp:	533197
Ion Ratio	Lower	Upper	
200	100		
173	22.5	1.6	41.6
215	48.7	28.7	68.7



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





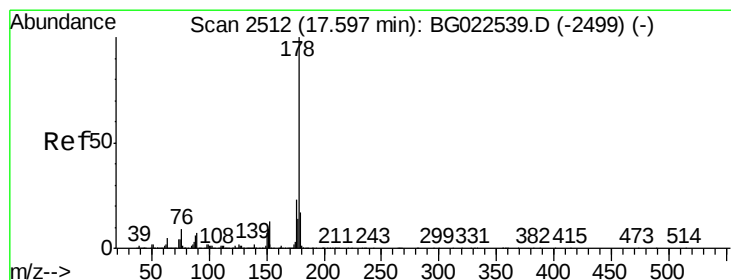
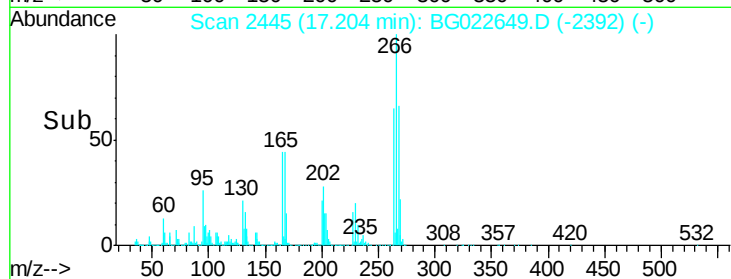
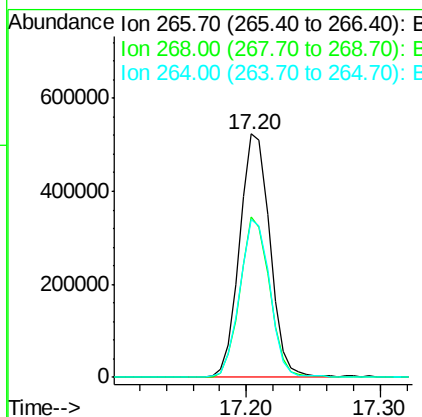
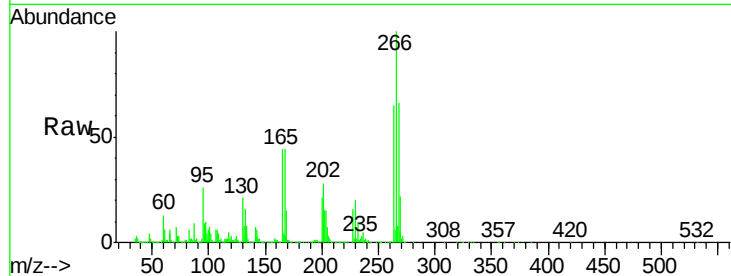
#69
 Pentachlorophenol
 Concen: 70.33 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.9	77.9
264	65.0	50.6	75.8

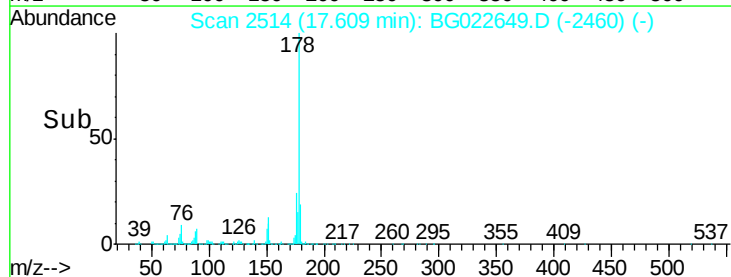
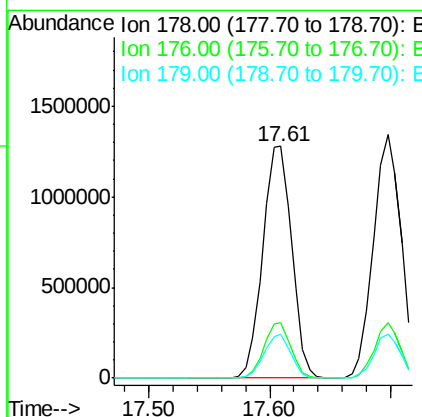
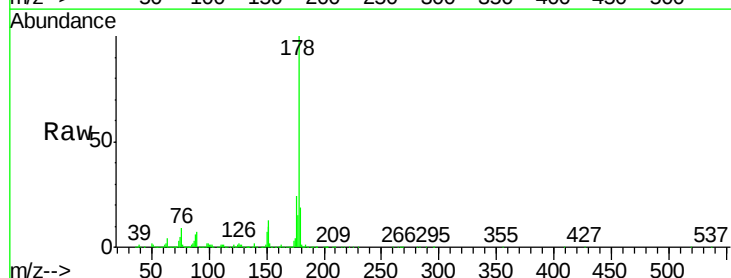
Manual Integrations

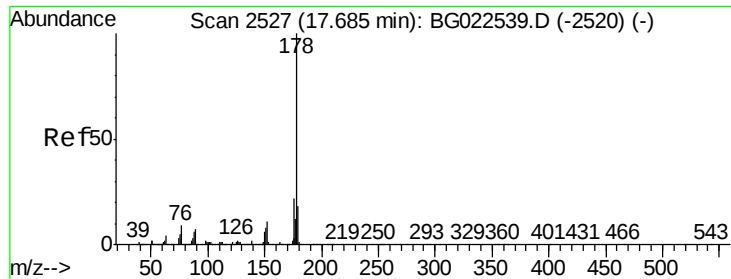
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#70
 Phenanthrene
 Concen: 33.48 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. 0.02 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.7	16.8	25.2
179	19.0	14.3	21.5





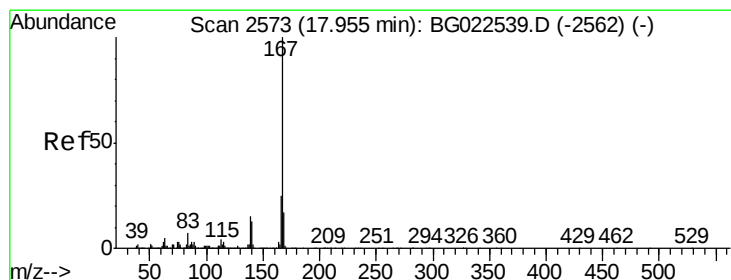
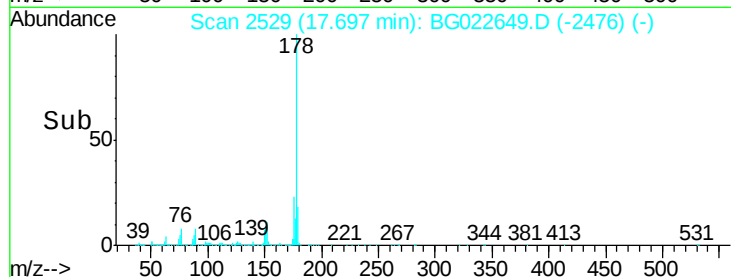
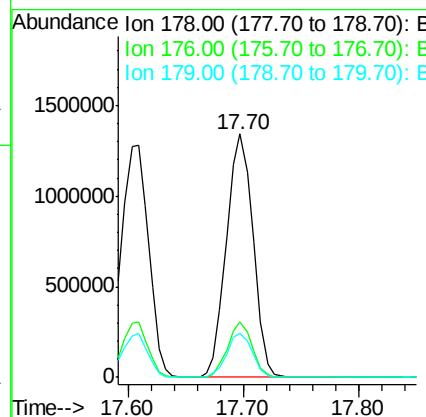
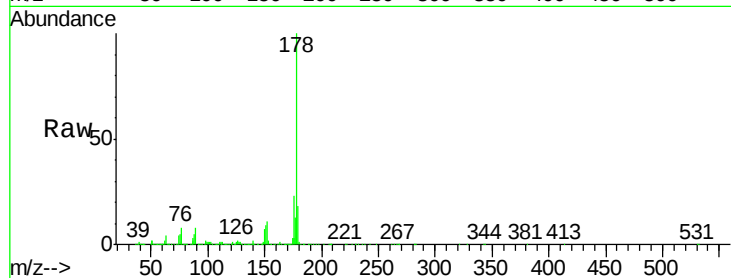
#71
 Anthracene
 Concen: 33.11 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

Tot Ion:178 Resp: 2150641
 Ion Ratio Lower Upper
 178 100
 176 22.8 17.3 25.9
 179 18.3 14.0 21.0

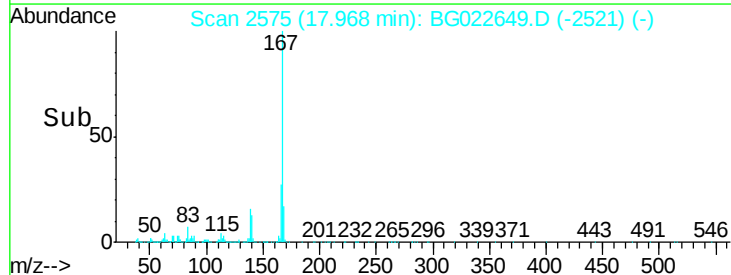
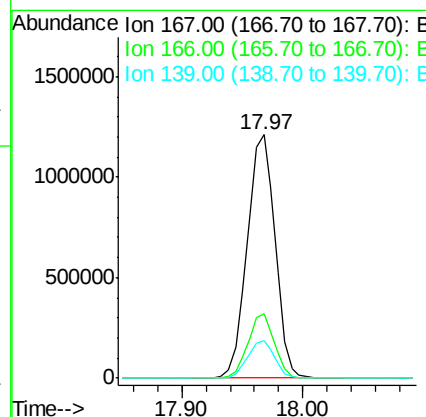
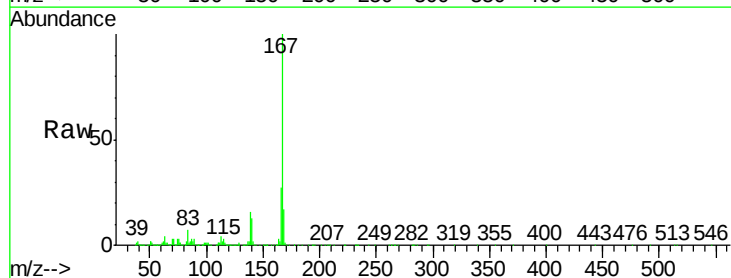
Manual Integrations

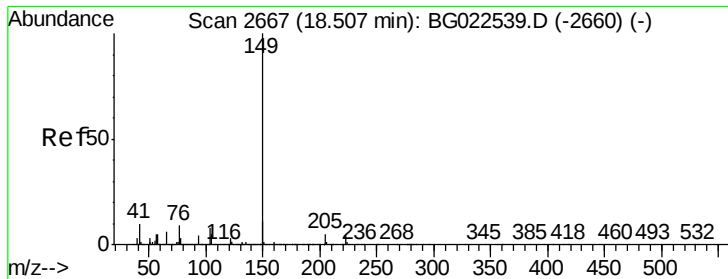
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#72
 Carbazole
 Concen: 35.58 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. 0.02 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion:167 Resp: 1959209
 Ion Ratio Lower Upper
 167 100
 166 26.7 20.7 31.1
 139 15.7 11.9 17.9





#73

Di-n-butylphthalate

Concen: 34.71 ng

RT: 18.51 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tot Ion:149 Resp: 2225415

Ion Ratio Lower Upper

149 100

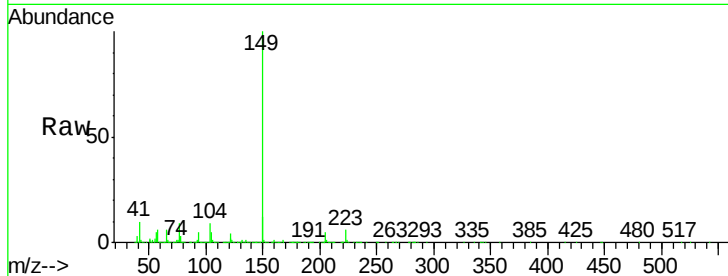
150 12.4 9.1 13.7

104 9.2 6.9 10.3

Manual Integrations

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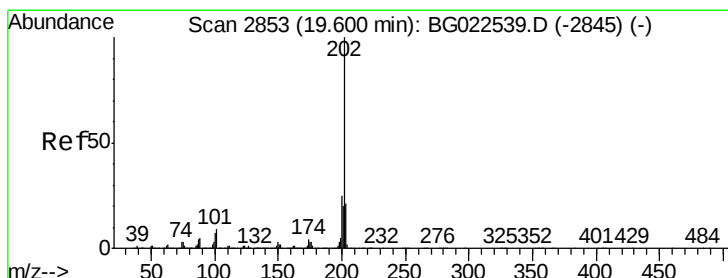
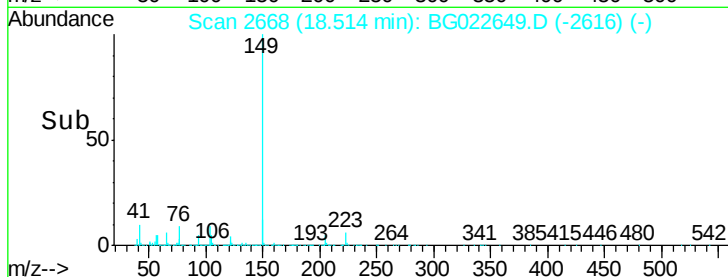
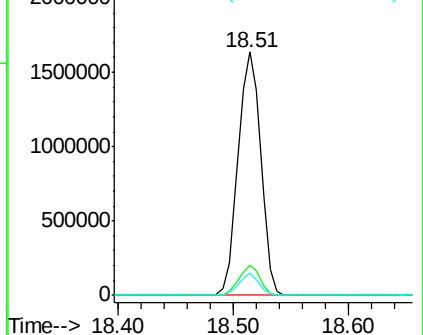
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.02 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

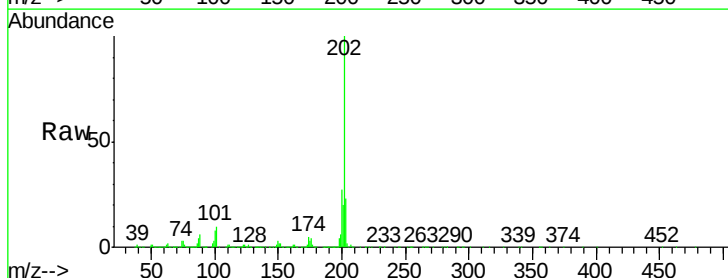
Tgt Ion:202 Resp: 2546455

Ion Ratio Lower Upper

202 100

101 9.8 0.0 27.4

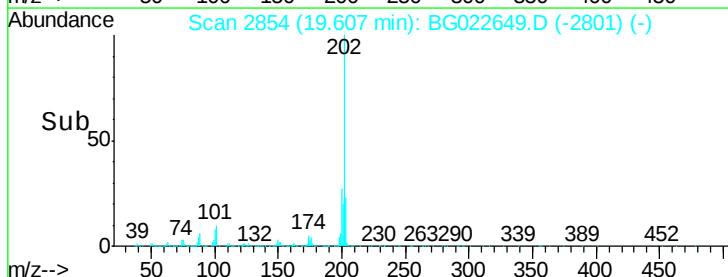
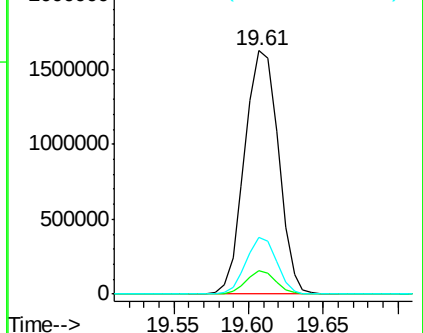
203 23.3 1.7 41.7

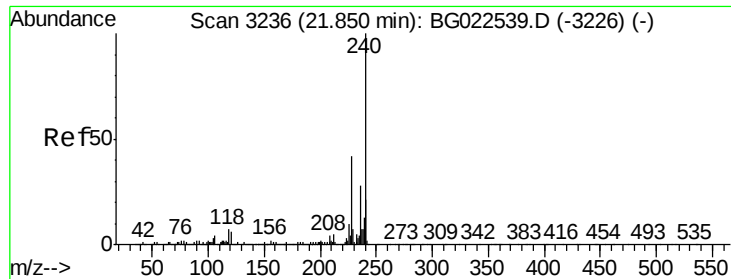


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





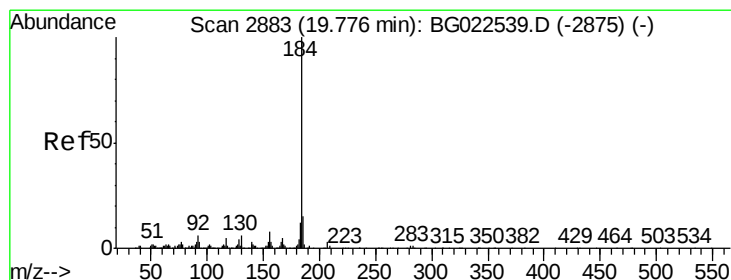
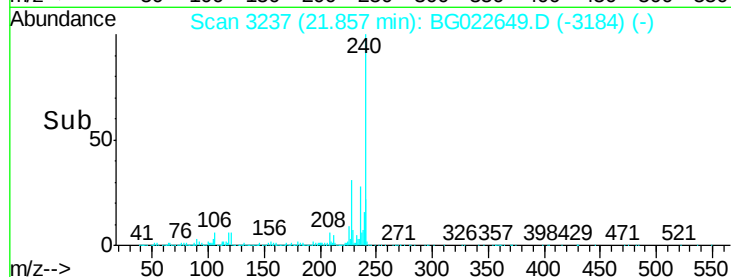
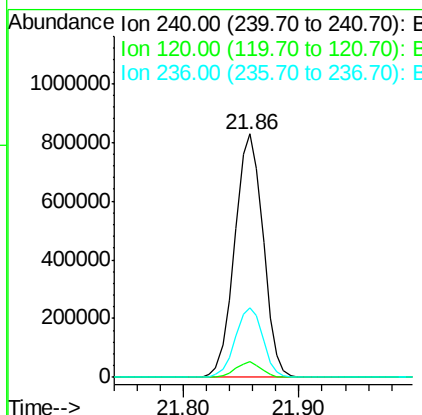
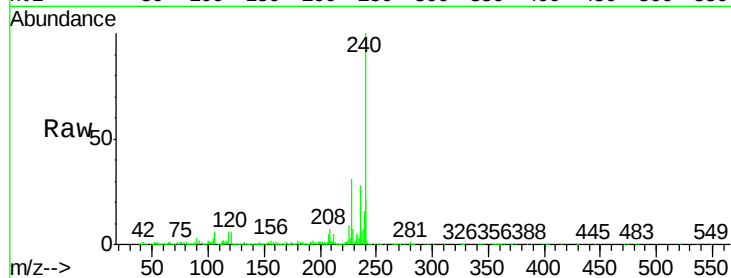
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion:240 Resp: 1405827
Ion Ratio Lower Upper
240 100
120 6.5 4.1 6.1#
236 28.4 21.1 31.7

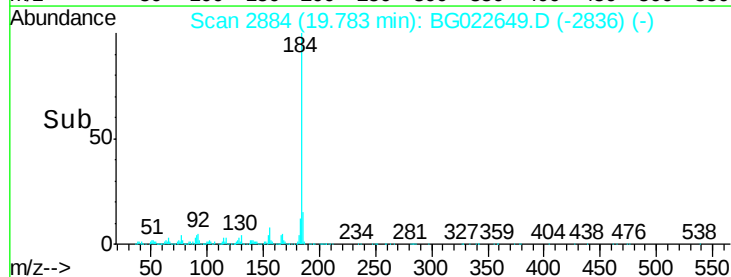
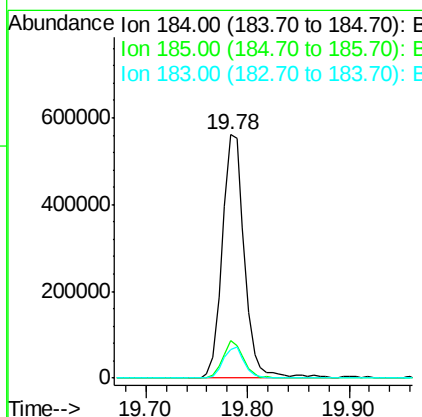
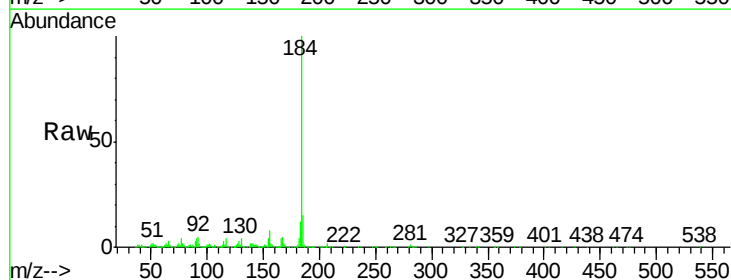
Manual Integrations

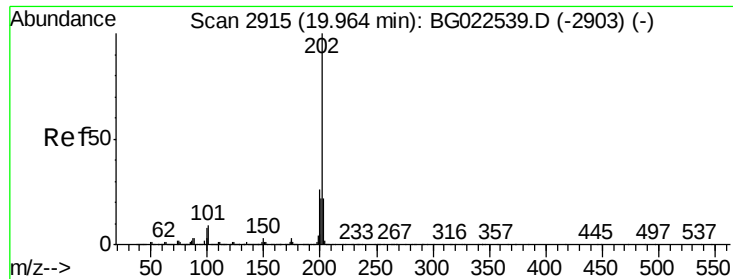
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#76
Benzidine
Concen: 56.82 ng
RT: 19.78 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:184 Resp: 850489
Ion Ratio Lower Upper
184 100
185 15.4 12.6 19.0
183 11.9 10.7 16.1





#77

Pvrene

Concen: 34.86 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tot Ion:202 Resp: 2610443

Ion Ratio Lower Upper

202 100

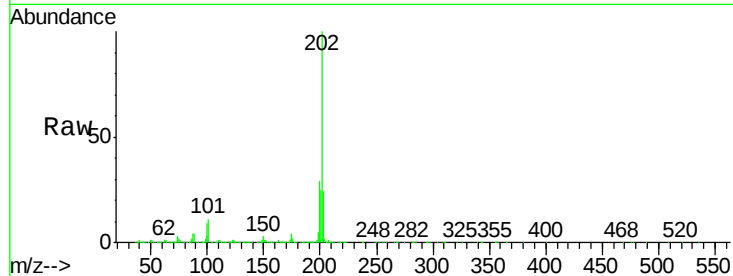
200 29.5 21.2 31.8

203 24.0 16.8 25.2

Manual Integrations

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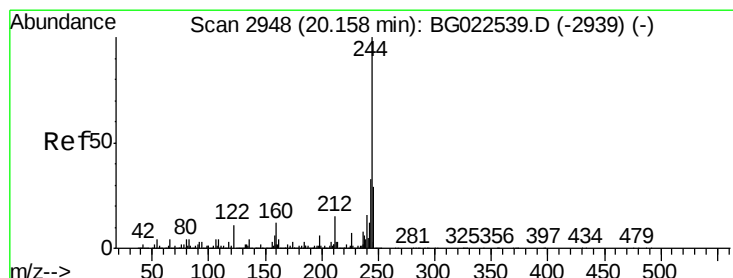
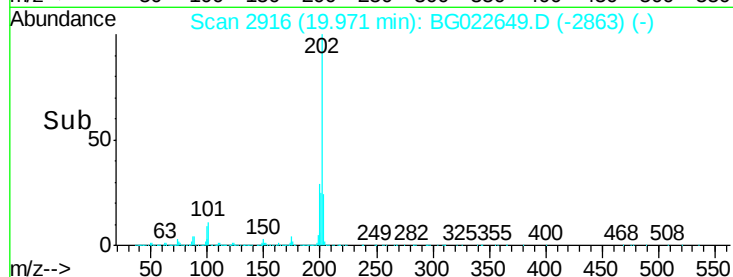
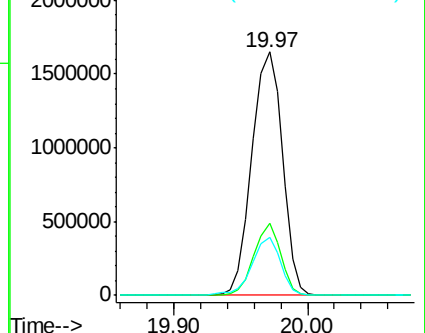
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.30 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

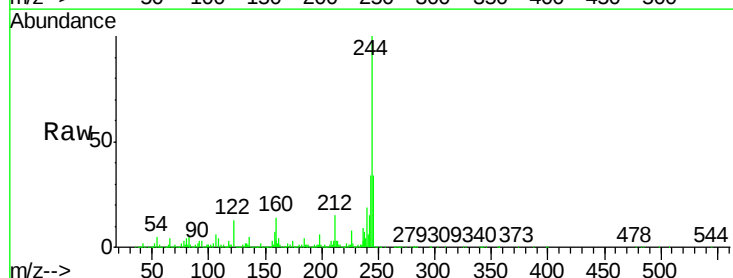
Tgt Ion:244 Resp: 3199493

Ion Ratio Lower Upper

244 100

212 15.2 10.8 16.2

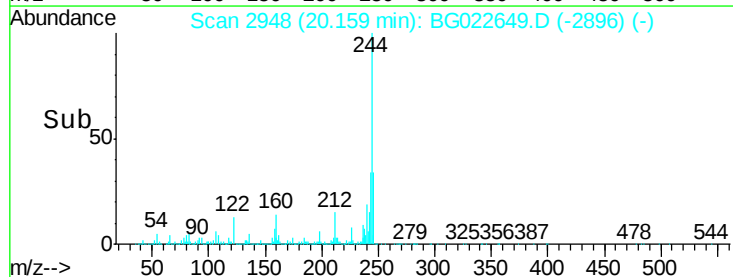
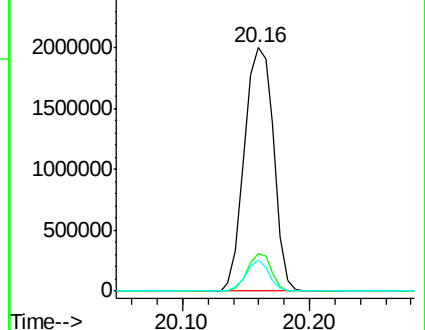
122 12.7 8.0 12.0#

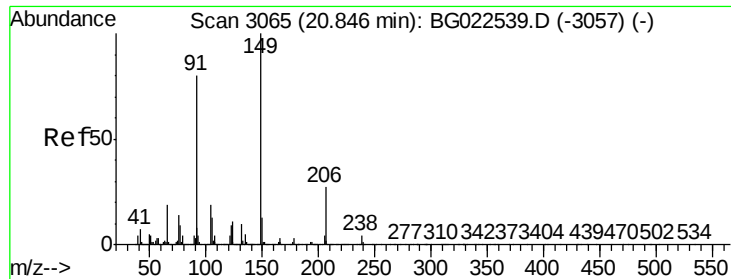


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





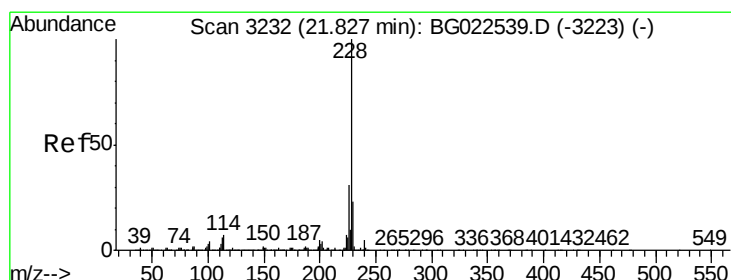
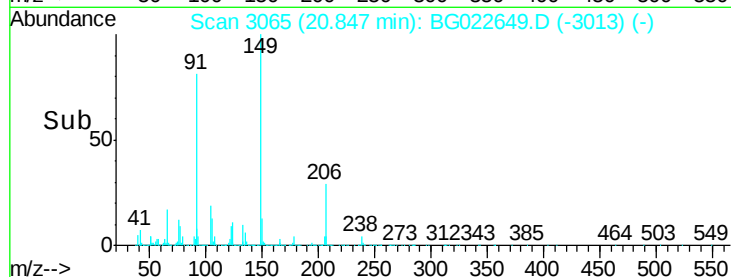
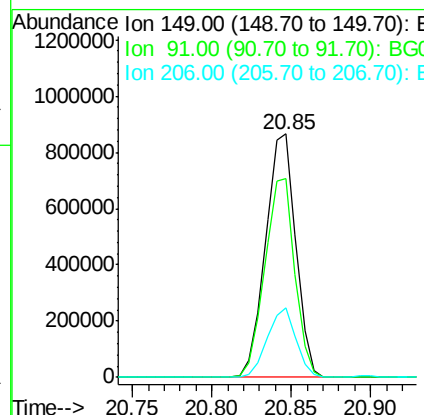
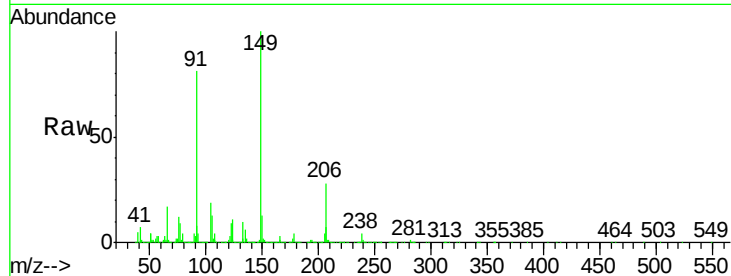
#79
Butylbenzylphthalate
Concen: 35.44 ng
RT: 20.85 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion:149 Resp: 1148795
Ion Ratio Lower Upper
149 100
91 81.5 68.1 102.1
206 28.5 19.8 29.6

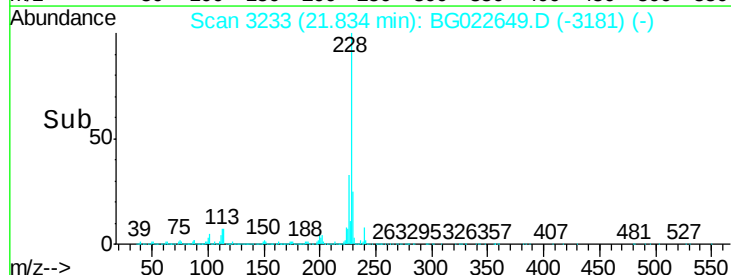
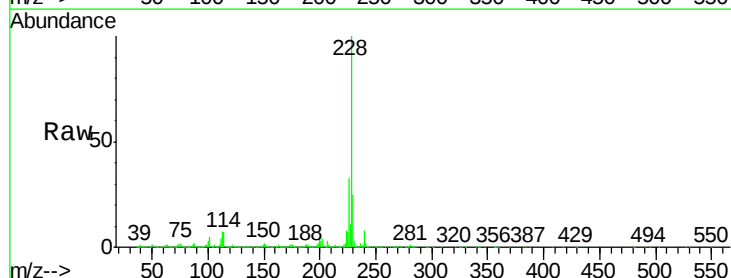
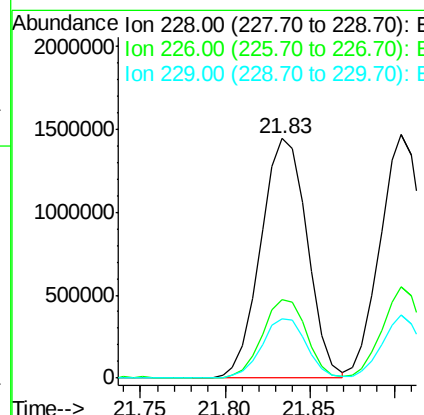
Manual Integrations

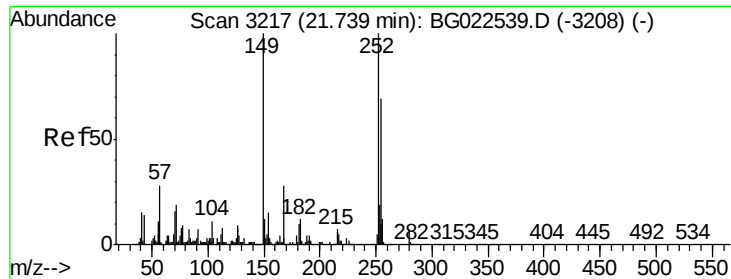
umangi
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#80
Benzo(a)anthracene
Concen: 35.54 ng
RT: 21.83 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:228 Resp: 2764479
Ion Ratio Lower Upper
228 100
226 33.0 25.3 37.9
229 25.0 19.9 29.9





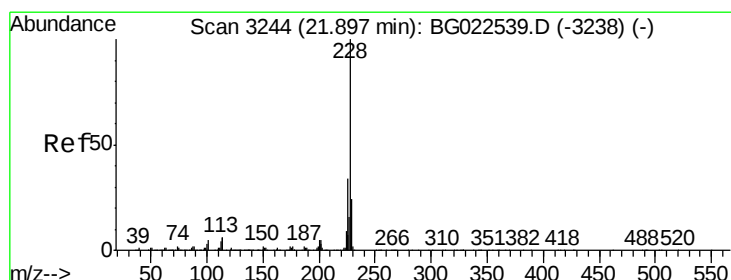
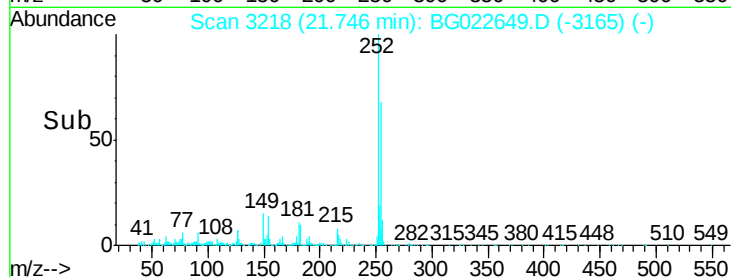
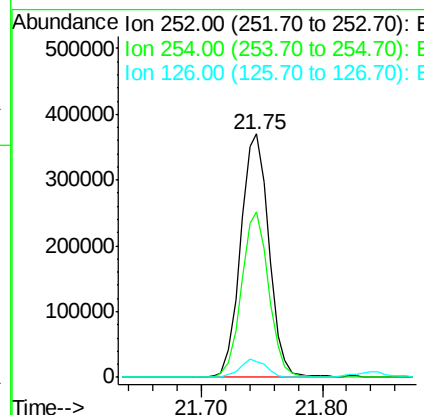
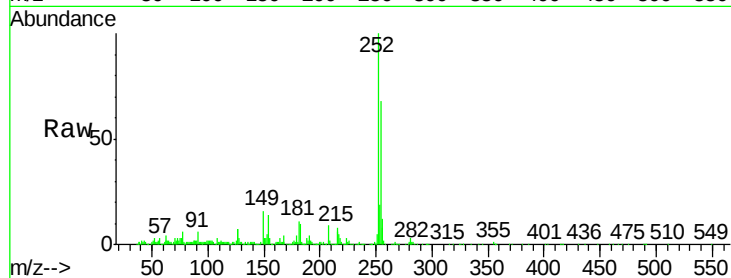
#81
 3,3'-Dichlorobenzidine
 Concen: 18.87 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
254	68.1	51.2	76.8	
126	6.7	5.3	7.9	

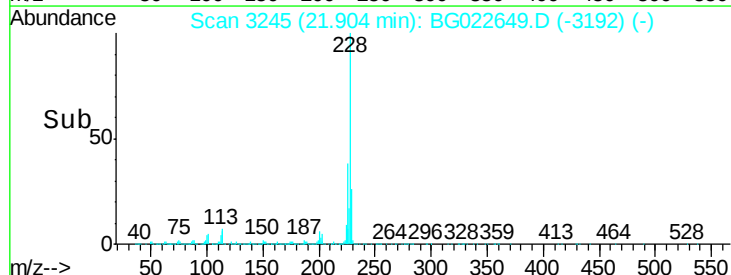
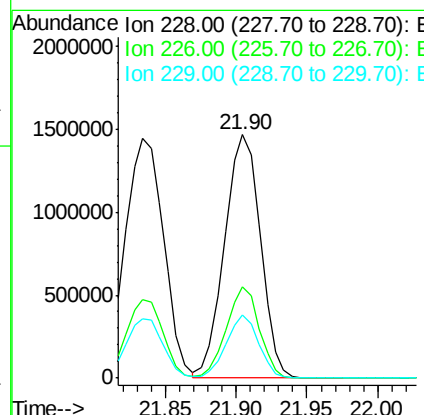
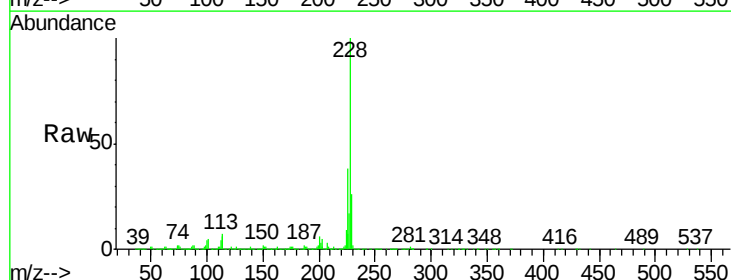
Manual Integrations

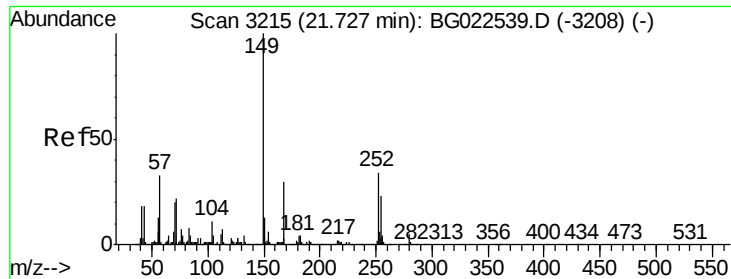
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#82
 Chrysene
 Concen: 35.36 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	37.7	26.7	40.1	
229	26.1	17.4	26.2	





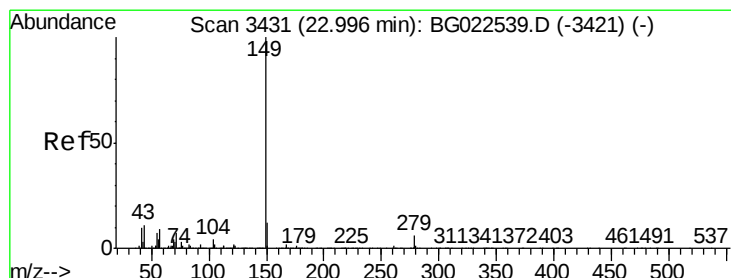
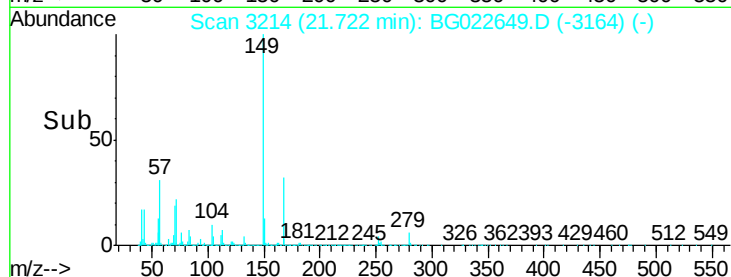
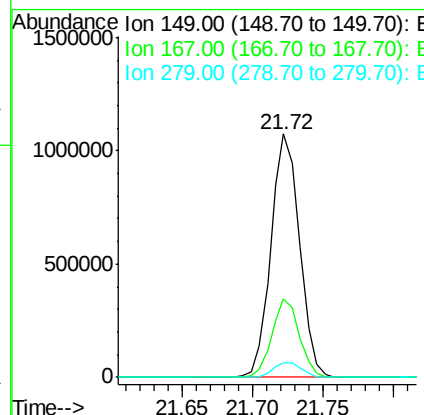
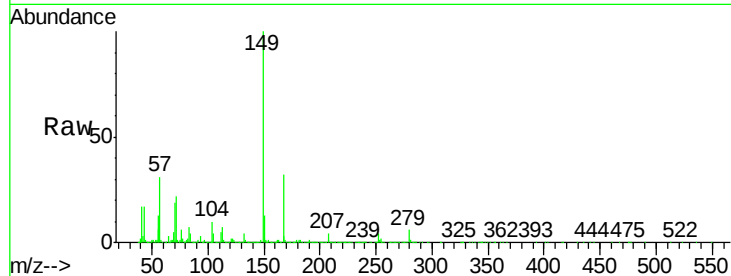
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.36 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

Tot Ion:149 Resp: 1522456
 Ion Ratio Lower Upper
 149 100
 167 32.0 24.0 36.0
 279 5.9 4.8 7.2

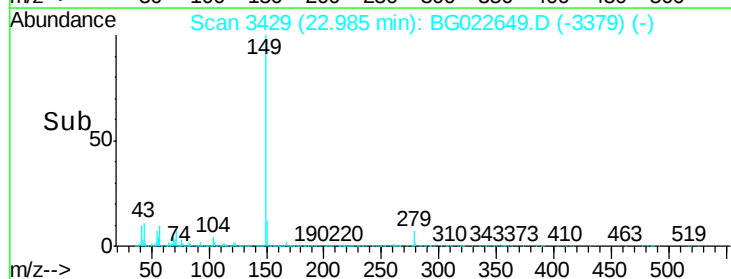
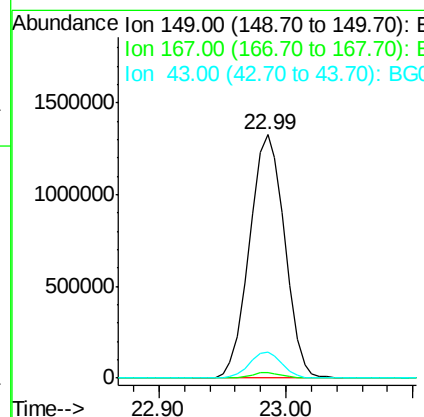
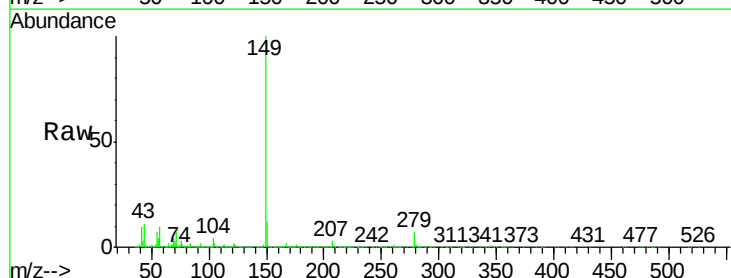
Manual Integrations

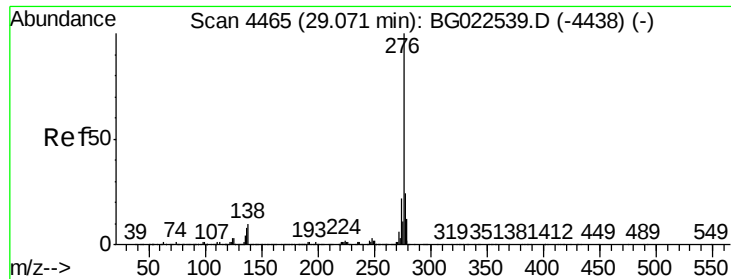
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#84
 Di-n-octyl phthalate
 Concen: 33.85 ng
 RT: 22.99 min Scan# 3429
 Delta R.T. -0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion:149 Resp: 2546495
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.5 2.3
 43 10.1 8.8 13.2





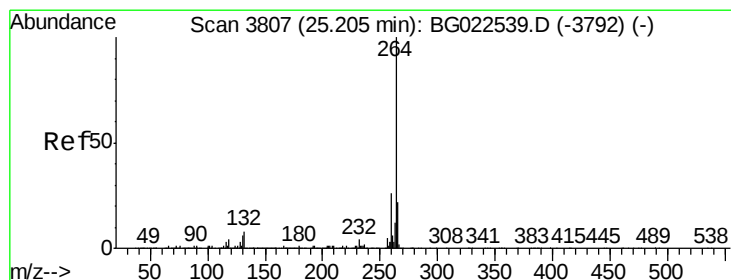
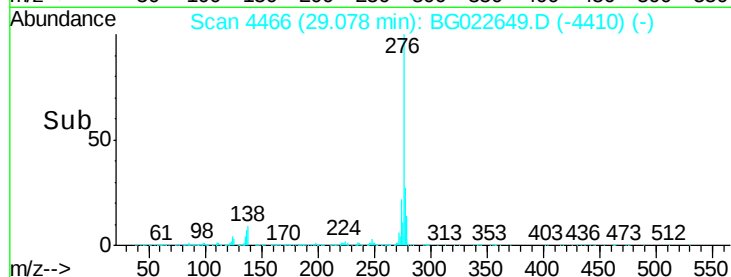
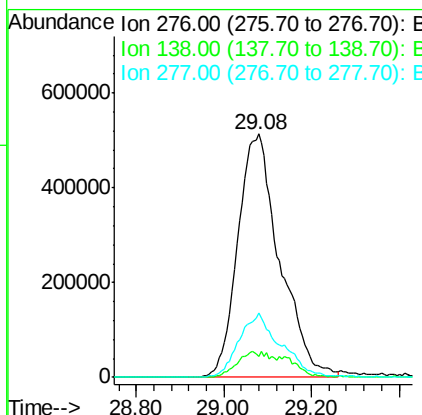
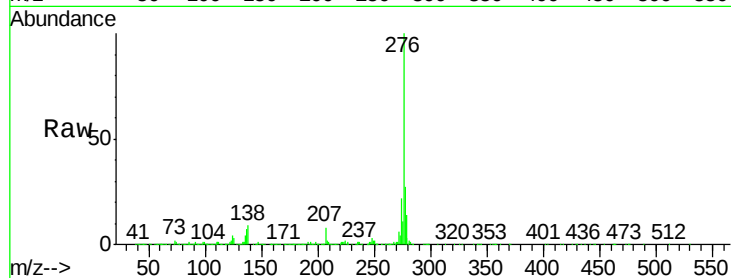
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.71 ng
RT: 29.08 min Scan# 4466
Delta R.T. 0.03 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion:276 Resp: 3334734
Ion Ratio Lower Upper
276 100
138 5.3 0.0 0.0#
277 26.1 0.0 0.0#

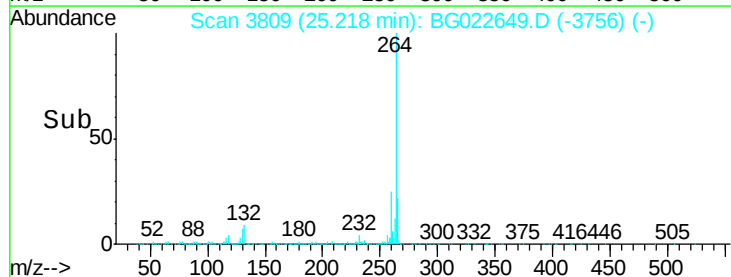
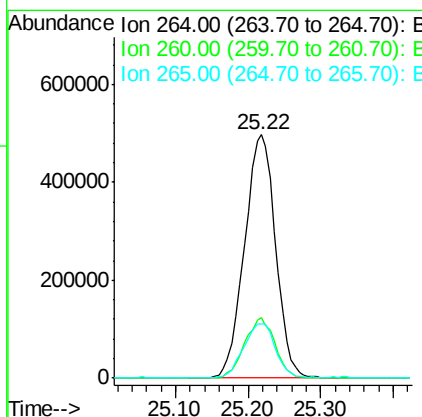
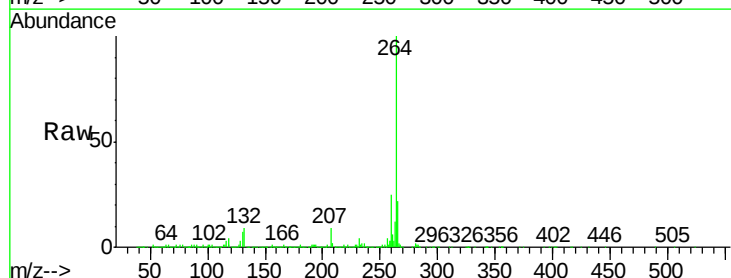
Manual Integrations

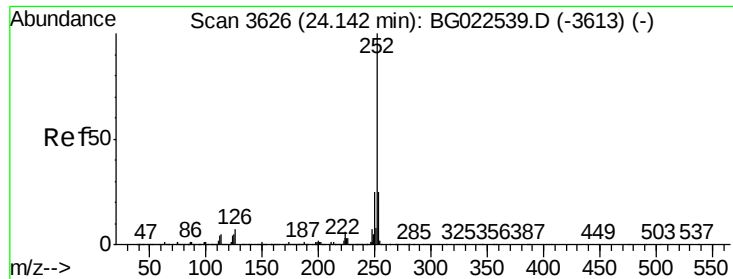
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3809
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:264 Resp: 1476455
Ion Ratio Lower Upper
264 100
260 25.1 18.4 27.6
265 22.4 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 34.02 ng

RT: 24.14 min Scan# 3626

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

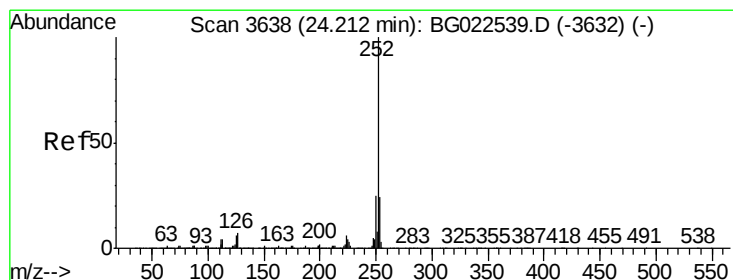
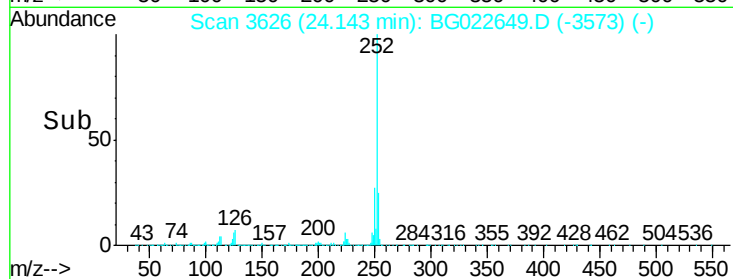
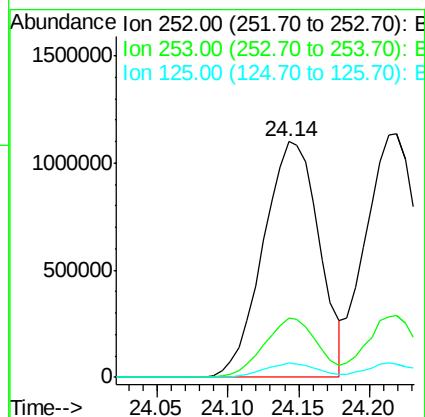
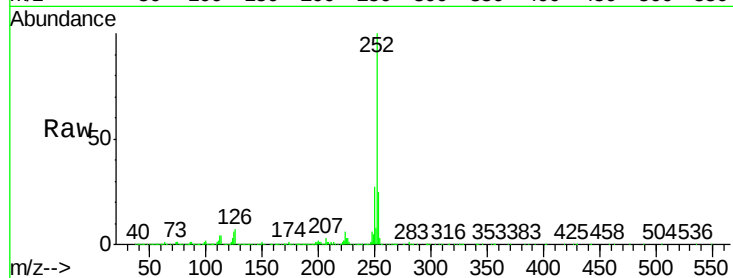
Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tot Ion:252 Resp: 3020108

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	6.2	3.9	5.9

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 34.93 ng

RT: 24.22 min Scan# 3639

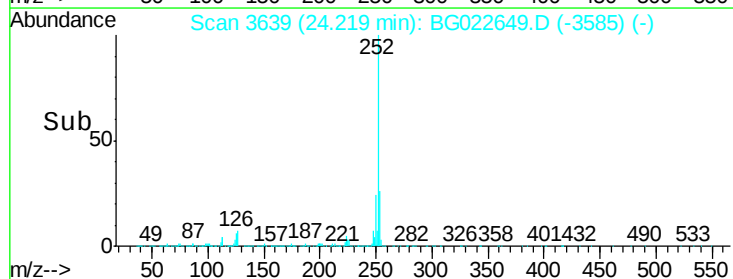
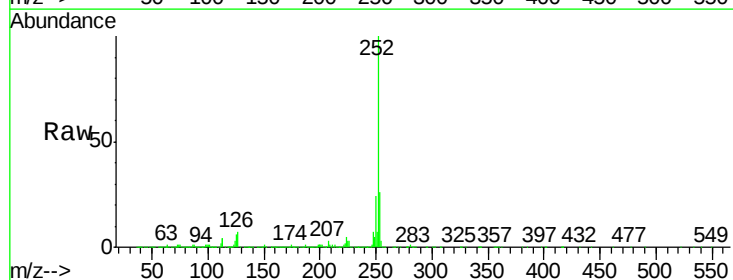
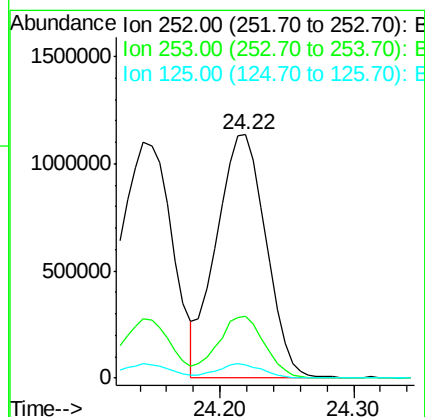
Delta R.T. 0.02 min

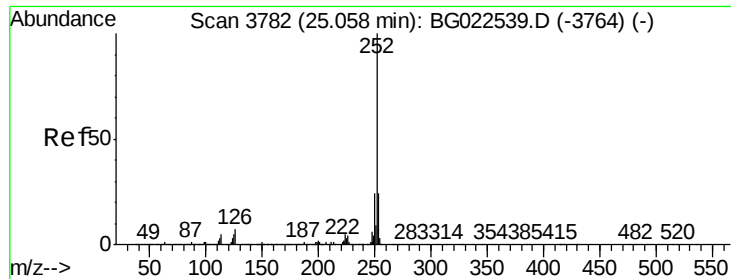
Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Tgt Ion:252 Resp: 2931661

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.8	28.2
125	5.6	3.2	4.8





#89

Benzo(a)pyrene

Concen: 34.24 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tot Ion:252 Resp: 2963480

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.7	28.1
125	5.5	3.9	5.9

252 100

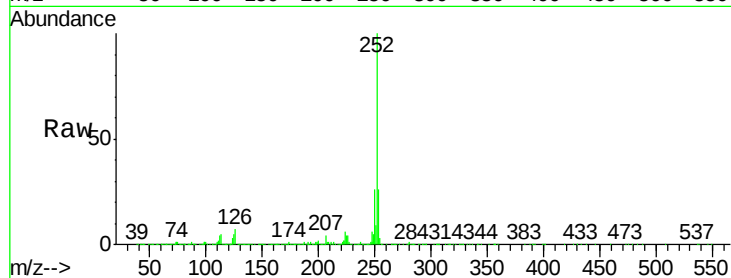
253 25.8 18.7 28.1

125 5.5 3.9 5.9

Manual Integrations

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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

1200000

1000000

800000

600000

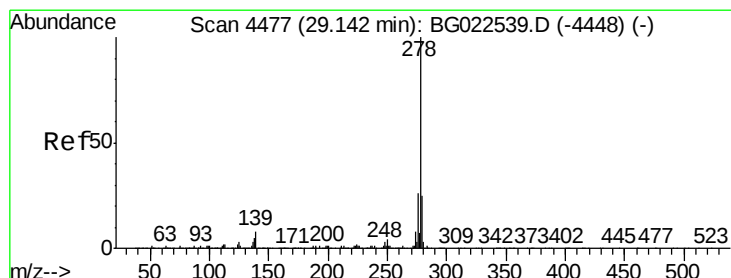
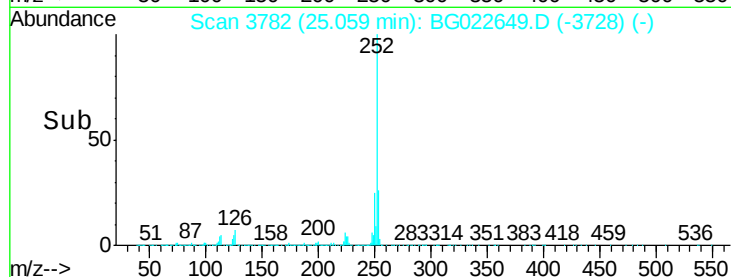
400000

200000

0

25.06

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 34.06 ng

RT: 29.15 min Scan# 4478

Delta R.T. 0.04 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

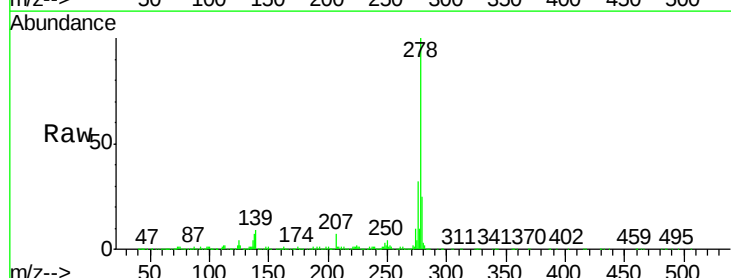
Tgt Ion:278 Resp: 2774988

Ion	Ratio	Lower	Upper
278	100		
139	8.5	4.7	7.1#
279	24.7	18.3	27.5

278 100

139 8.5 4.7 7.1#

279 24.7 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

800000

600000

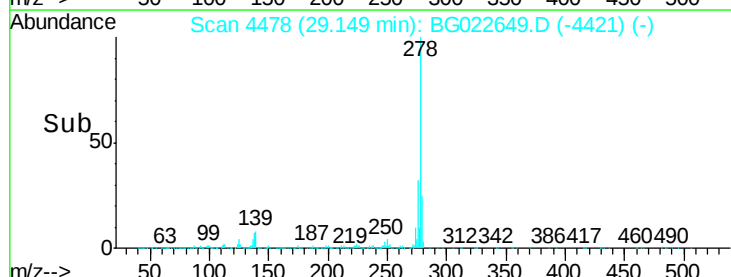
400000

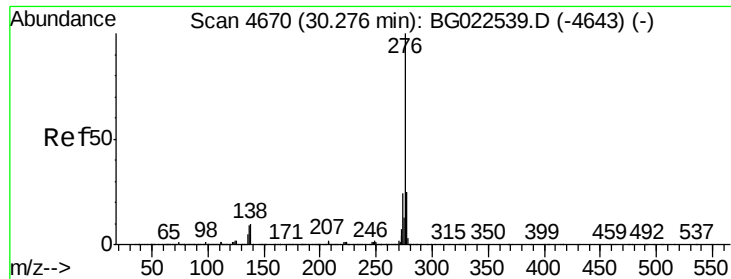
200000

0

29.15

Time-->





#91

Benzo(a,h,i)perylene

Concen: 32.43 ng

RT: 30.28 min Scan# 4670

Delta R.T. 0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tot Ion:276 Resp: 2689262

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 10.0 6.8 10.2

Manual Integrations

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