

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022302.D
 Acq On : 11 Jun 2016 00:23
 Operator : UM/SJ
 Sample : PB91195BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB91195BS

Manual Integrations
 APPROVED

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 6/13/2016 7:06:59 PM

Quant Time: Jun 13 15:54:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	26142	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	128350	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	75879	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	172089	20.00	ng	0.00
75) Chrysene-d12	21.76	240	156465	20.00	ng	-0.01
86) Perylene-d12	25.05	264	142321	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	207070	153.15	ng	-0.01
7) Phenol-d6	7.27	99	308956	145.33	ng	0.00
23) Nitrobenzene-d5	9.28	82	164275	89.23	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	102450	119.49	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	411502	82.65	ng	0.00
78) Terphenyl-d14	20.08	244	577151	87.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	19599	30.23	ng	# 73
3) Pyridine	3.91	79	60384	34.47	ng	95
4) n-Nitrosodimethylamine	3.83	42	18471	47.15	ng	91
6) Aniline	7.43	93	81945	30.34	ng	# 83
8) 2-Chlorophenol	7.67	128	84990	45.48	ng	82
10) Phenol	7.30	94	106946	48.79	ng	83
11) bis(2-Chloroethyl)ether	7.52	93	71900	41.14	ng	# 75
12) 1,3-Dichlorobenzene	7.99	146	78010	38.94	ng	# 91
13) 1,4-Dichlorobenzene	8.14	146	80854	40.51	ng	94
14) 1,2-Dichlorobenzene	8.46	146	79599	39.56	ng	96
15) Benzyl Alcohol	8.35	79	60007	43.69	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	80915	44.63	ng	83
17) 2-Methylphenol	8.55	107	73478	44.93	ng	# 88
18) Hexachloroethane	9.19	117	29579	40.59	ng	# 75
19) n-Nitroso-di-n-propylamine	8.91	70	59426	41.30	ng	# 70
20) 3+4-Methylphenols	8.88	107	103525	44.13	ng	96
22) Acetophenone	8.93	105	116187	42.01	ng	# 83
24) Nitrobenzene	9.32	77	84362	45.57	ng	# 88
25) Isophorone	9.84	82	173798	40.35	ng	# 95
26) 2-Nitrophenol	10.04	139	44674	44.50	ng	# 77
27) 2,4-Dimethylphenol	10.09	122	84566	46.54	ng	89
28) bis(2-Chloroethoxy)methane	10.32	93	105650	42.81	ng	93
29) 2,4-Dichlorophenol	10.58	162	77051	45.77	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	75064	39.91	ng	93
31) Naphthalene	10.98	128	262056	40.90	ng	# 96
32) Benzoic acid	10.24	122	35721	53.93	ng	# 86
33) 4-Chloroaniline	11.09	127	42065	15.79	ng	# 90
34) Hexachlorobutadiene	11.25	225	39424	39.04	ng	97
35) Caprolactam	11.86	113	34244m	37.08	ng	
36) 4-Chloro-3-methylphenol	12.21	107	91670	45.95	ng	87
37) 2-Methylnaphthalene	12.57	142	187812	39.71	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	79162	40.53	ng	# 97
40) Hexachlorocyclopentadiene	12.91	237	68580	69.58	ng	96
42) 2,4,6-Trichlorophenol	13.18	196	59578	45.47	ng	98

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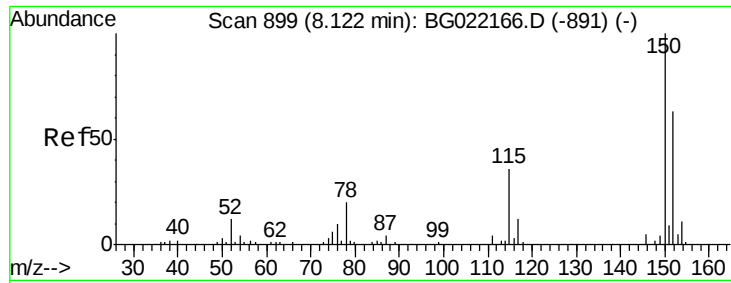
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	66324	45.81	ng	95
45) 1,1'-Biphenyl	13.57	154	247433	43.33	ng	94
46) 2-Chloronaphthalene	13.62	162	188048	42.96	ng	96
47) 2-Nitroaniline	13.83	65	50644	48.52	ng	# 67
48) Acenaphthylene	14.47	152	328614	42.79	ng	98
49) Dimethylphthalate	14.18	163	253402	40.28	ng	99
50) 2,6-Dinitrotoluene	14.31	165	57387	41.96	ng	# 86
51) Acenaphthene	14.80	154	192312	41.79	ng	96
52) 3-Nitroaniline	14.65	138	35468	23.38	ng	# 86
53) 2,4-Dinitrophenol	14.87	184	51227	90.12	ng	# 78
54) Dibenzofuran	15.14	168	299894	41.76	ng	97
55) 4-Nitrophenol	14.97	139	94482	90.25	ng	# 76
56) 2,4-Dinitrotoluene	15.11	165	79503	43.34	ng	# 87
57) Fluorene	15.78	166	258552	41.80	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	52469m	40.41	ng	
59) Diethylphthalate	15.54	149	274530	40.85	ng	99
60) 4-Chlorophenyl-phenylether	15.77	204	113207	40.41	ng	97
61) 4-Nitroaniline	15.82	138	63360	39.38	ng	# 78
62) Azobenzene	16.06	77	236488	46.47	ng	88
64) 4,6-Dinitro-2-methylphenol	15.87	198	38351	44.41	ng	85
65) n-Nitrosodiphenylamine	15.99	169	223570	45.10	ng	99
66) 4-Bromophenyl-phenylether	16.66	248	68011	42.18	ng	98
67) Hexachlorobenzene	16.79	284	75280	40.06	ng	97
68) Atrazine	16.93	200	71309	38.86	ng	97
69) Pentachlorophenol	17.14	266	70435	82.44	ng	97
70) Phenanthrene	17.53	178	399070	42.70	ng	98
71) Anthracene	17.61	178	400336	43.19	ng	97
72) Carbazole	17.89	167	376226	42.85	ng	99
73) Di-n-butylphthalate	18.42	149	499608	43.53	ng	98
74) Fluoranthene	19.53	202	446159	41.52	ng	96
76) Benzidine	19.71	184	168765	41.25	ng	98
77) Pyrene	19.89	202	446444	45.90	ng	98
79) Butylbenzylphthalate	20.75	149	217661	48.25	ng	96
80) Benzo(a)anthracene	21.74	228	385407	43.93	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	78717	31.96	ng	97
82) Chrysene	21.80	228	358412	41.98	ng	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	313935	47.32	ng	96
84) Di-n-octyl phthalate	22.84	149	532557	48.35	ng	# 88
85) Indeno(1,2,3-cd)pyrene	28.82	276	401364	41.90	ng	97
87) Benzo(b)fluoranthene	24.00	252	387541	46.69	ng	# 97
88) Benzo(k)fluoranthene	24.07	252	346441	42.40	ng	# 96
89) Benzo(a)pyrene	24.89	252	356324	44.90	ng	# 95
90) Dibenzo(a,h)anthracene	28.88	278	327347	43.79	ng	# 95
91) Benzo(g,h,i)perylene	29.99	276	335653	43.16	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

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Instrument :

BNA_G

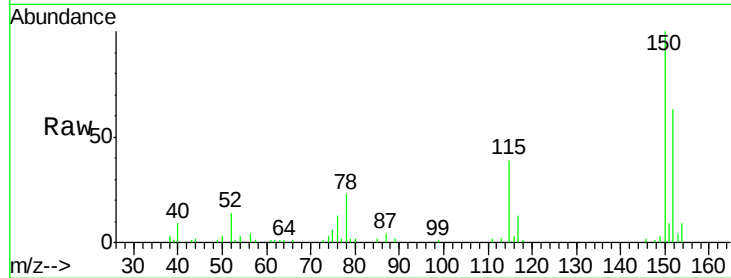
ClientSampleId :

PB91195BS

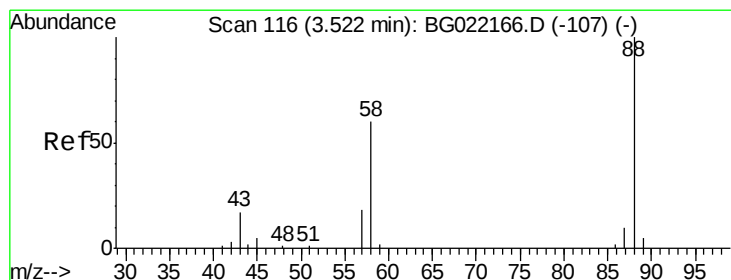
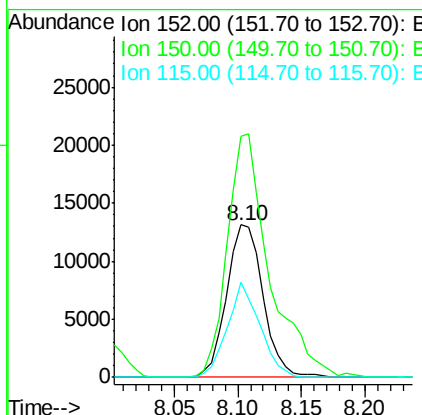
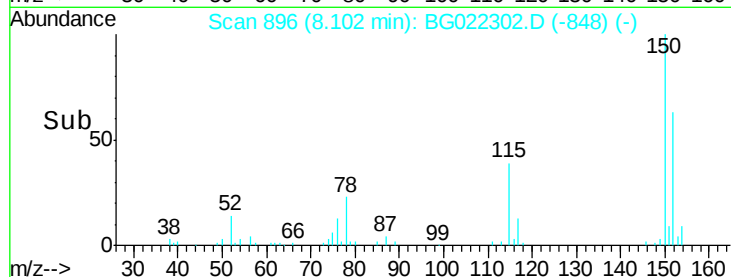
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Tgt Ion:	152	Resp:	26142
Ion Ratio	Lower	Upper	
152	100		
150	158.3	130.1	195.1
115	62.4	62.2	93.2



#2

1,4-Dioxane

Concen: 30.23 ng

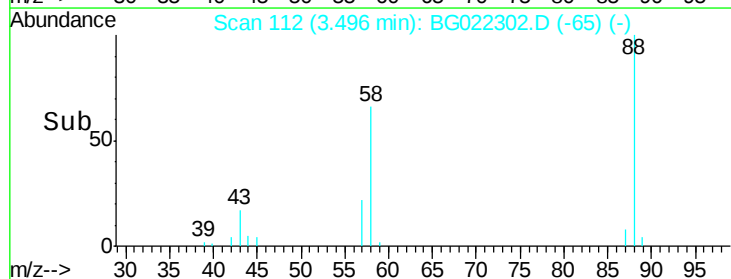
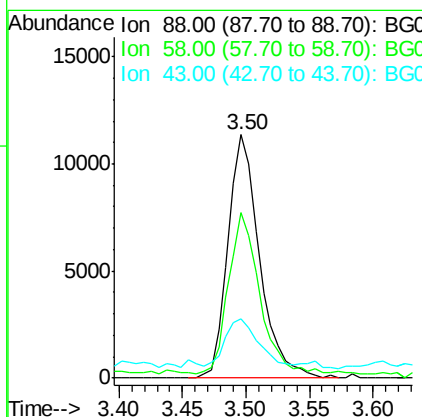
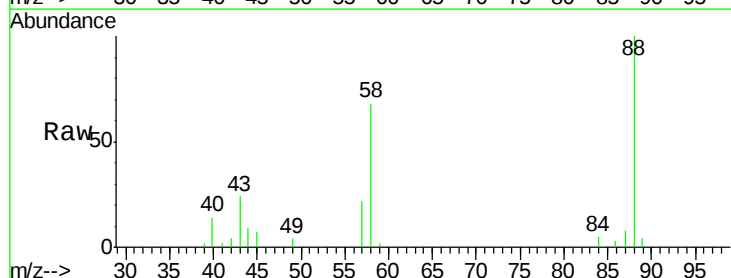
RT: 3.50 min Scan# 112

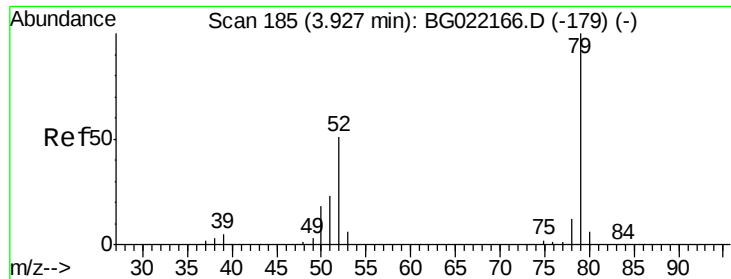
Delta R.T. -0.02 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:	88	Resp:	19599
Ion Ratio	Lower	Upper	
88	100		
58	65.4	36.8	55.2#
43	20.1	10.4	15.6#





#3

Pyridine

Concen: 34.47 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.02 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

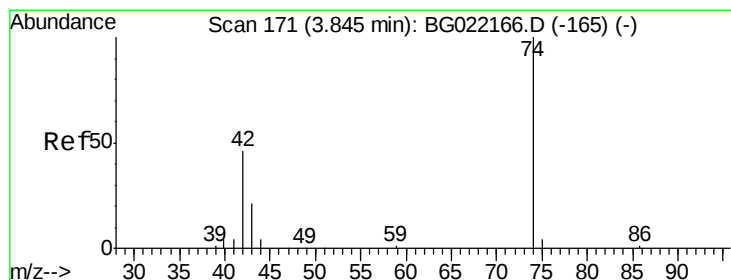
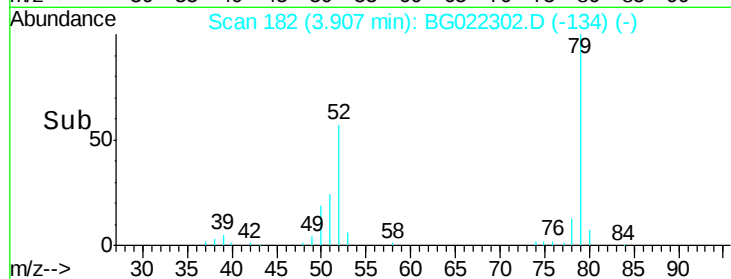
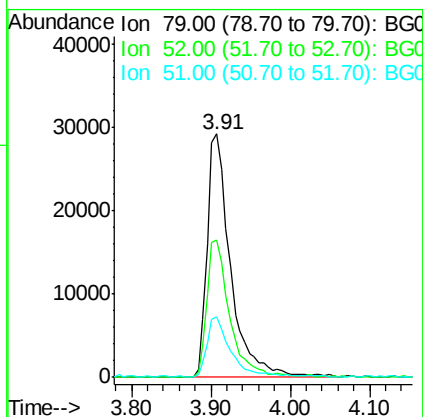
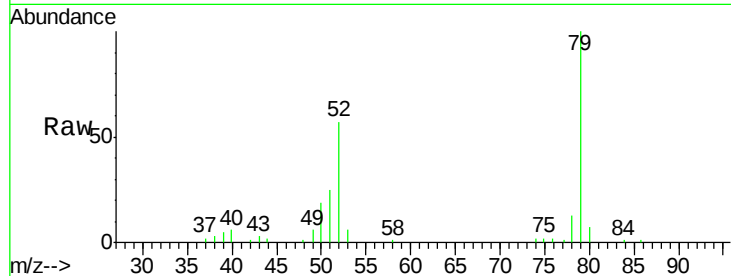
ClientSampleId :

PB91195BS

Tgt Ion:	79	Resp:	60384
Ion	Ratio	Lower	Upper
79	100		
52	56.5	41.6	62.4
51	24.7	19.2	28.8

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#4

n-Nitrosodimethylamine

Concen: 47.15 ng

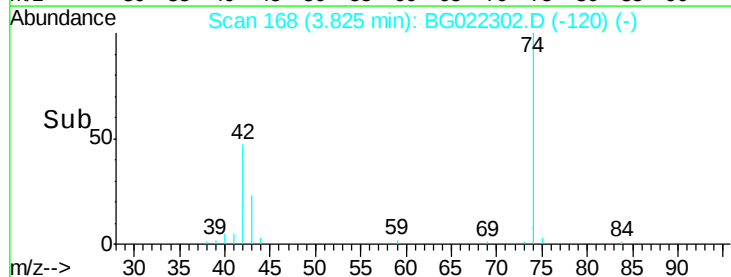
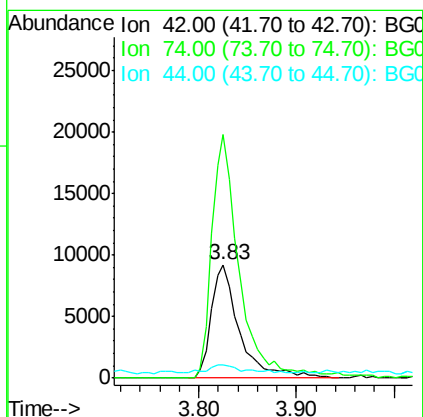
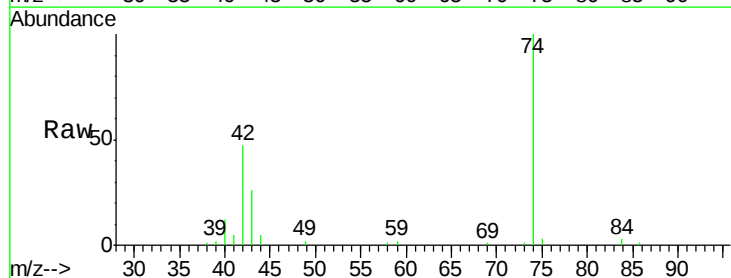
RT: 3.83 min Scan# 168

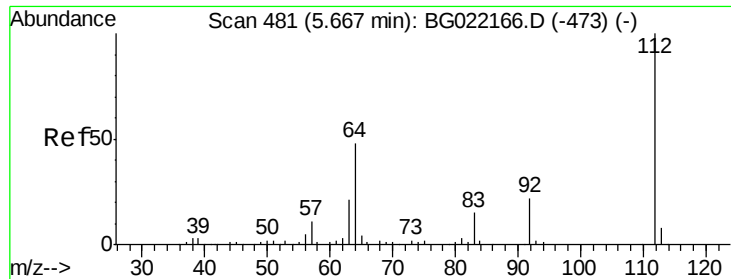
Delta R.T. -0.02 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:	42	Resp:	18471
Ion	Ratio	Lower	Upper
42	100		
74	214.4	184.0	276.0
44	11.7	11.0	16.6





#5

2-Fluorophenol

Concen: 153.15 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

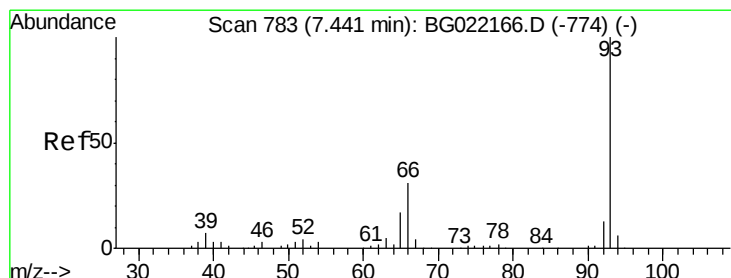
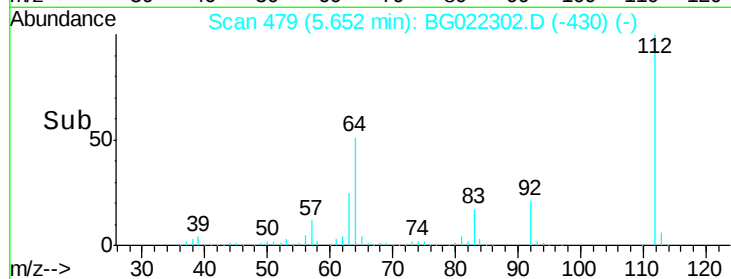
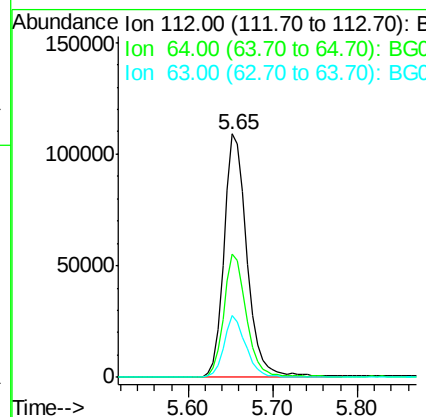
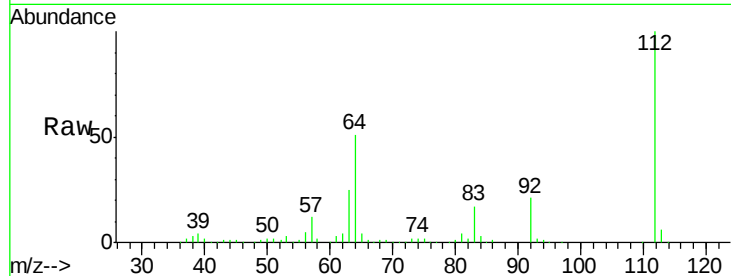
ClientSampleId :

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Tgt Ion:	112	Resp:	207070
Ion Ratio	Lower	Upper	
112	100		
64	50.8	51.1	76.7#
63	25.4	24.6	37.0

Manual Integrations
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6/13/2016 7:06:59 PM



#6

Aniline

Concen: 30.34 ng

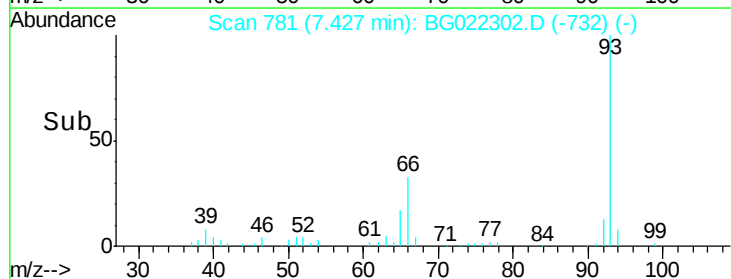
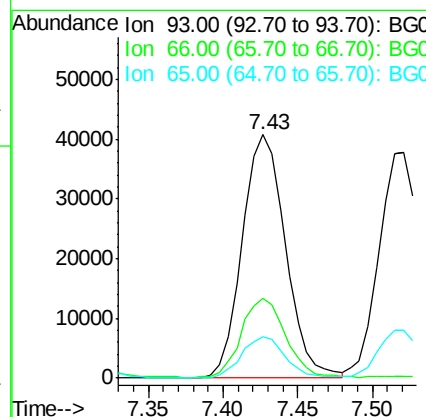
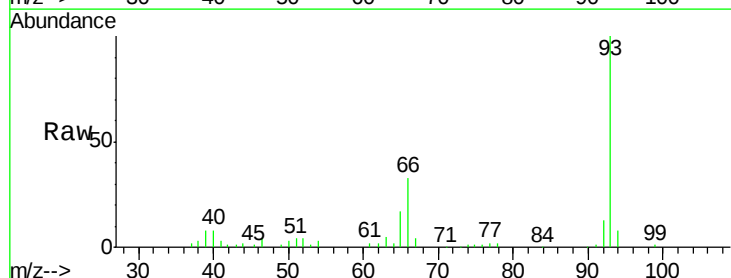
RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:	93	Resp:	81945
Ion Ratio	Lower	Upper	
93	100		
66	32.6	36.3	54.5#
65	17.1	18.4	27.6#





#7

Phenol-d6

Concen: 145.33 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

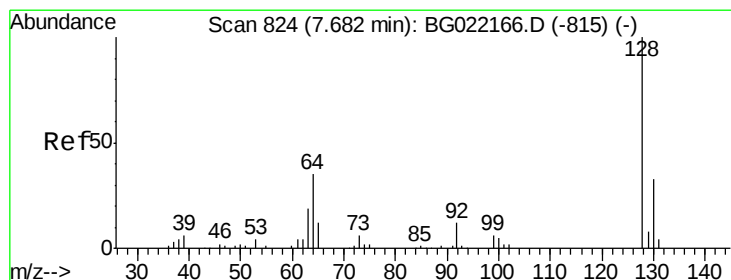
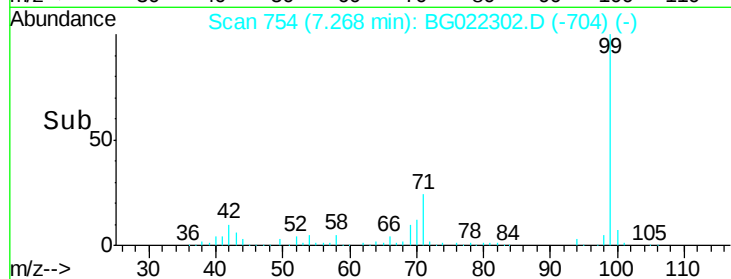
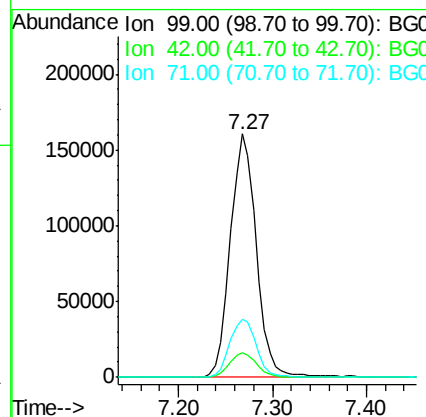
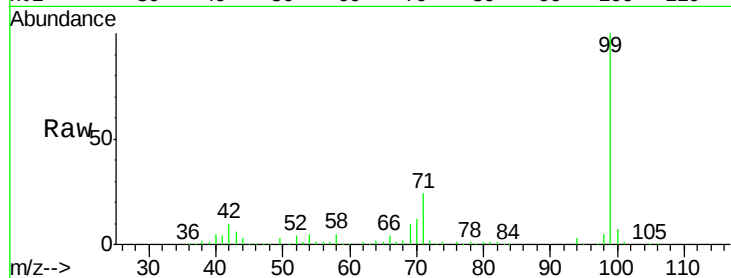
ClientSampleId :

PB91195BS

Tgt Ion:	99	Resp:	308956
Ion Ratio	Lower	Upper	
99	100		
42	10.1	16.4	24.6#
71	24.0	25.0	37.4#

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.48 ng

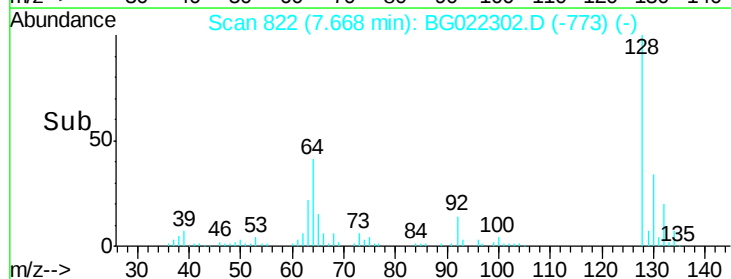
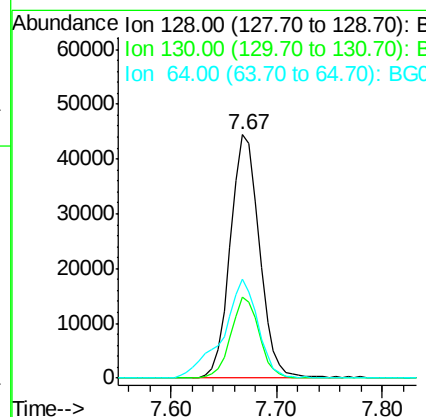
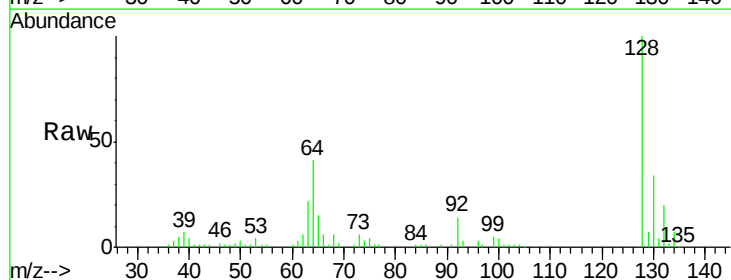
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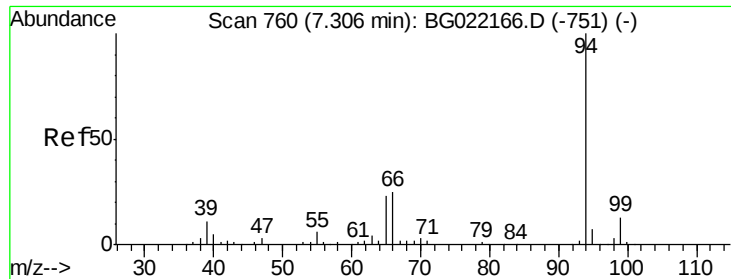
Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:	128	Resp:	84990
Ion Ratio	Lower	Upper	
128	100		
130	33.5	11.2	51.2
64	40.8	39.8	79.8





#10

Phenol

Concen: 48.79 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

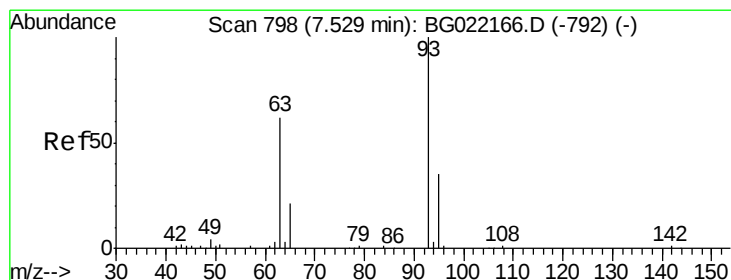
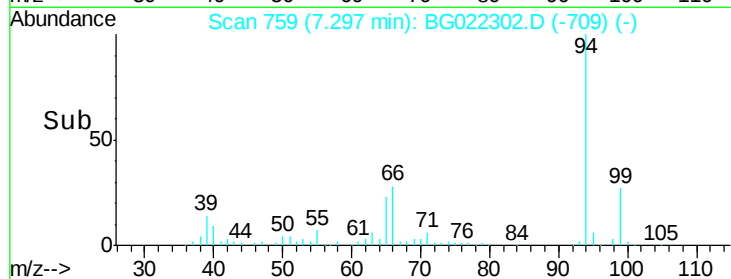
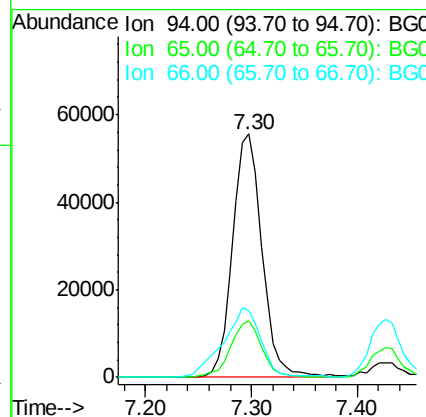
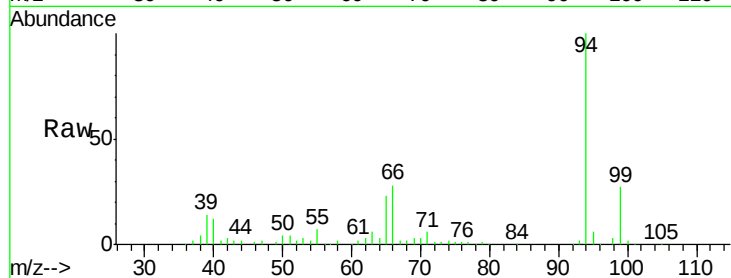
ClientSampleId :

PB91195BS

Tgt Ion:	94	Resp:	106946
Ion Ratio	Lower	Upper	
94	100		
65	23.1	9.8	49.8
66	27.7	20.8	60.8

Manual Integrations
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6/13/2016 7:06:59 PM



#11

bis(2-Chloroethyl)ether

Concen: 41.14 ng

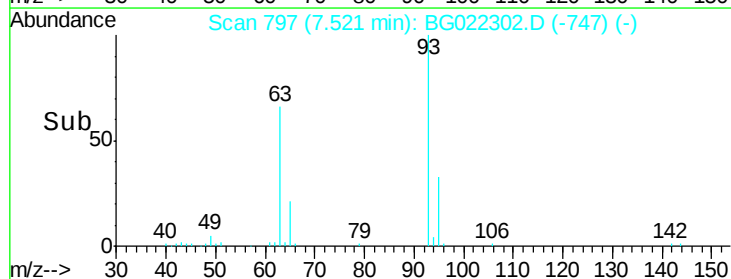
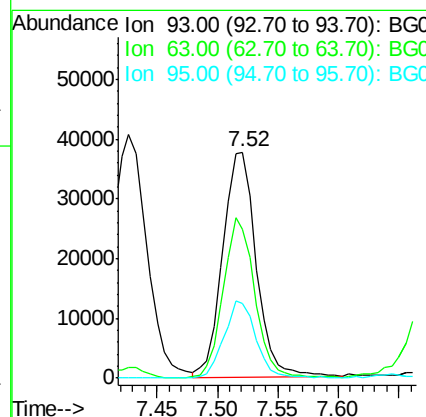
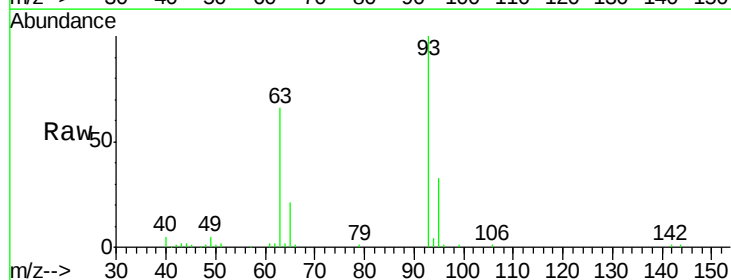
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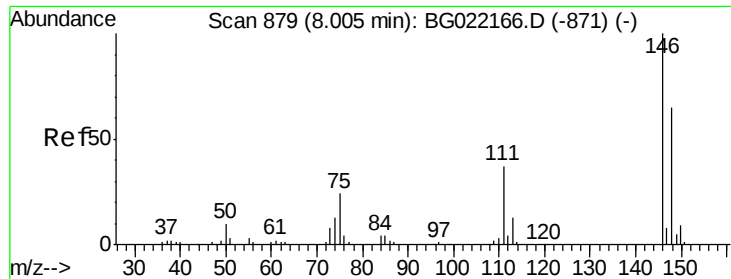
Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

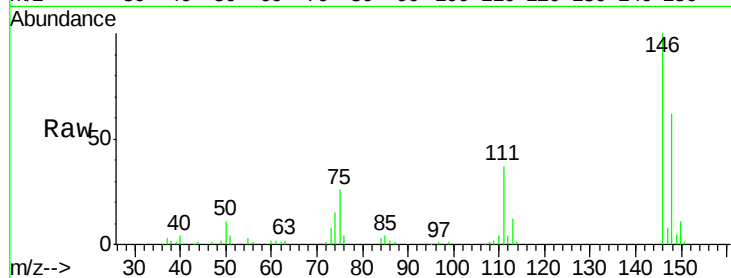
Tgt Ion:	93	Resp:	71900
Ion Ratio	Lower	Upper	
93	100		
63	65.9	74.9	114.9#
95	32.8	8.3	48.3





#12
 1,3-Dichlorobenzene
 Concen: 38.94 ng
 RT: 7.99 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

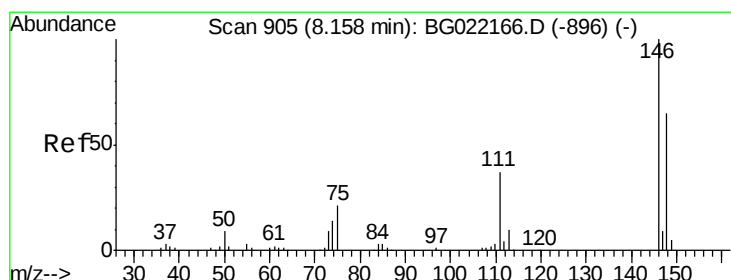
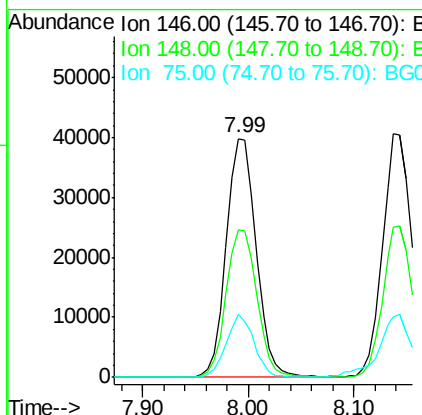
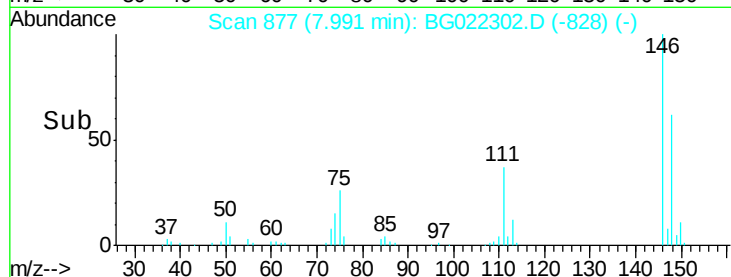
Instrument :
 BNA_G
 ClientSampleID :
 PB91195BS



Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	53.7	80.5
75	26.2	27.4	41.0

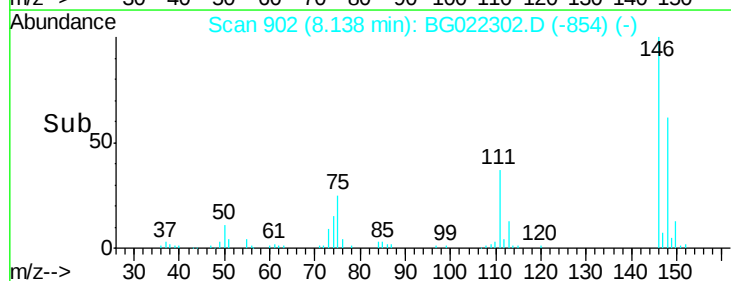
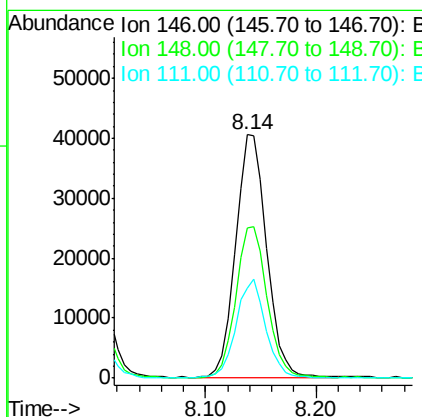
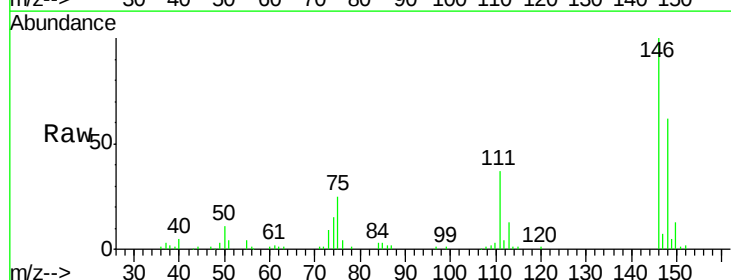
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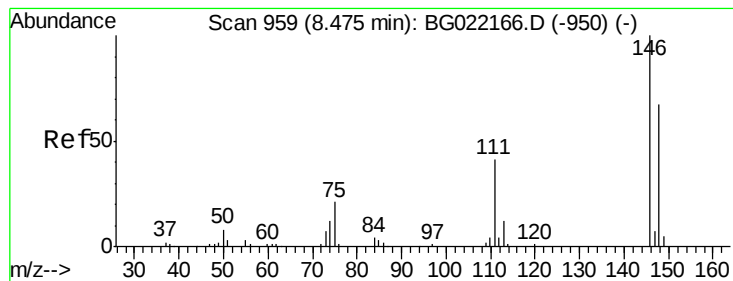
SOHIL
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#13
 1,4-Dichlorobenzene
 Concen: 40.51 ng
 RT: 8.14 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	46.7	70.1
111	37.1	33.0	49.6





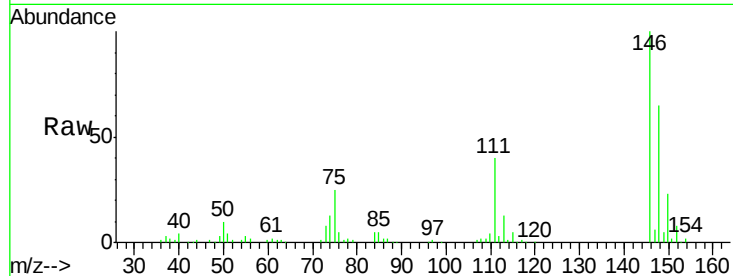
#14
1,2-Dichlorobenzene
Concen: 39.56 ng
RT: 8.46 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampled :
PB91195BS

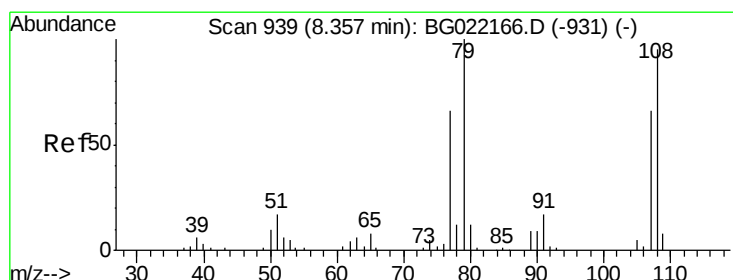
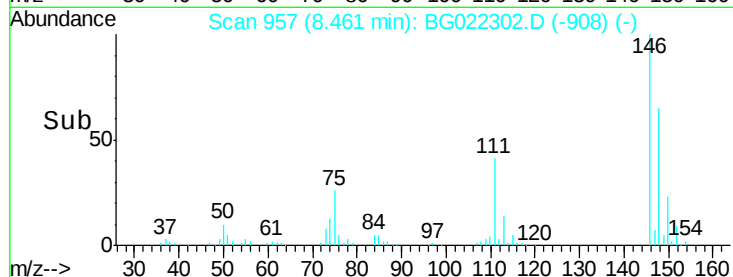
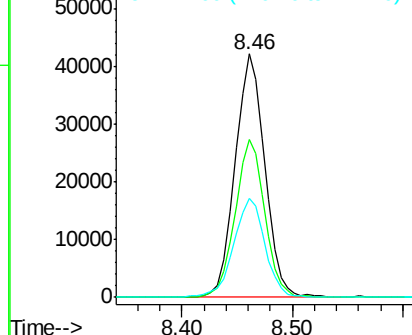
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	79599		
148	64.9	52.6	79.0	
111	40.4	36.1	54.1	

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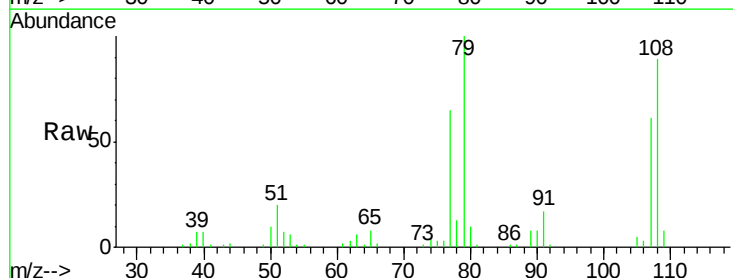


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

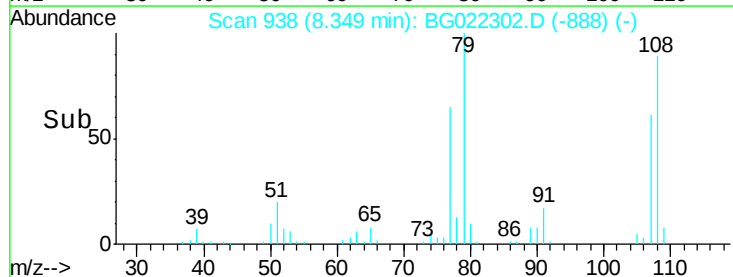
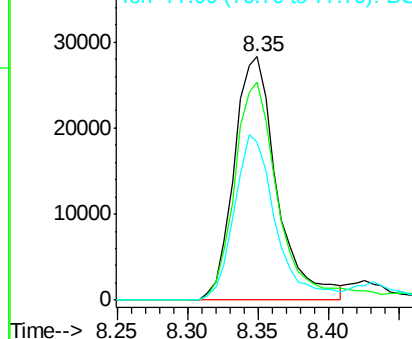


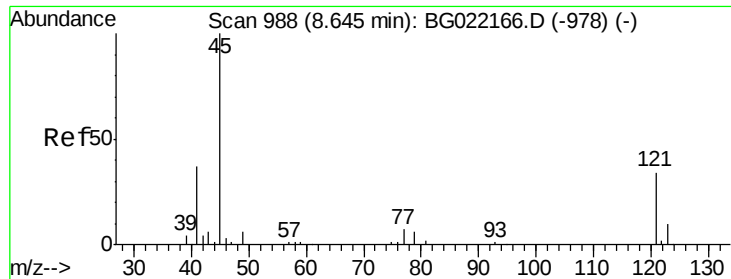
#15
Benzyl Alcohol
Concen: 43.69 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	60007		
108	89.5	59.4	89.0#	
77	64.7	52.2	78.2	



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC





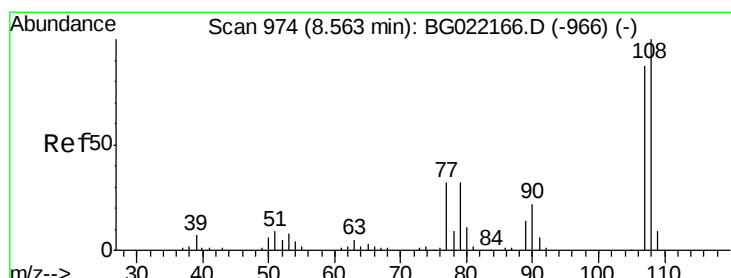
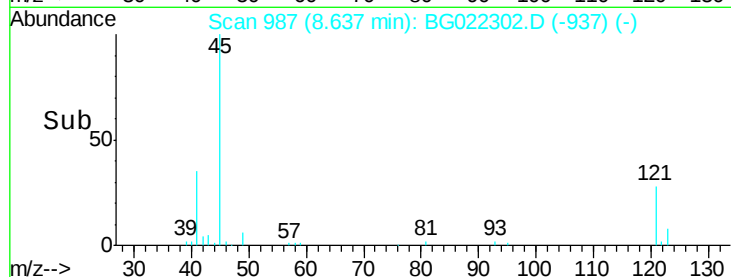
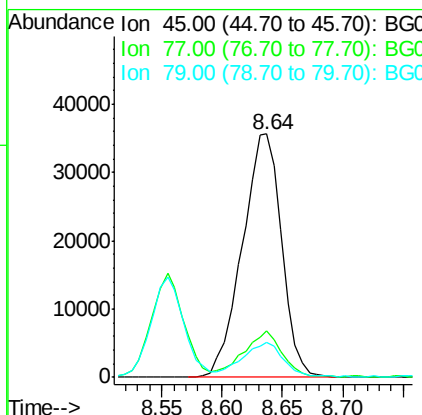
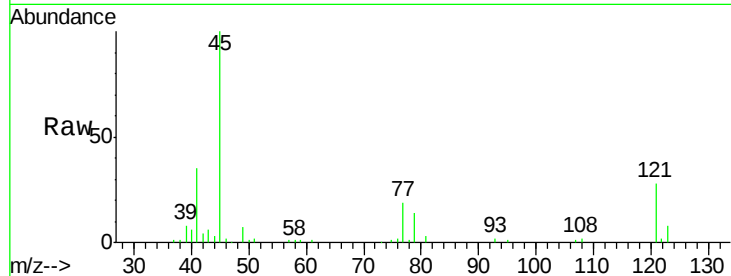
#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.63 ng
RT: 8.64 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	18.8	0.0	31.2
79	14.1	0.0	29.0

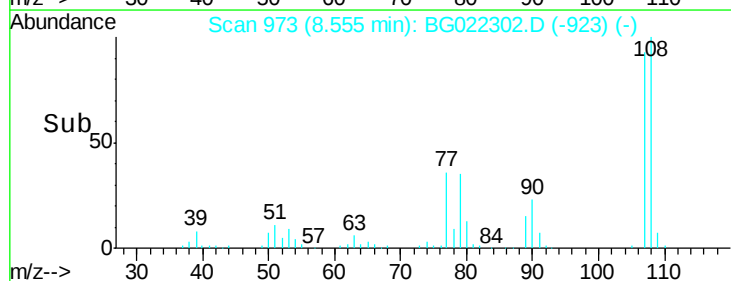
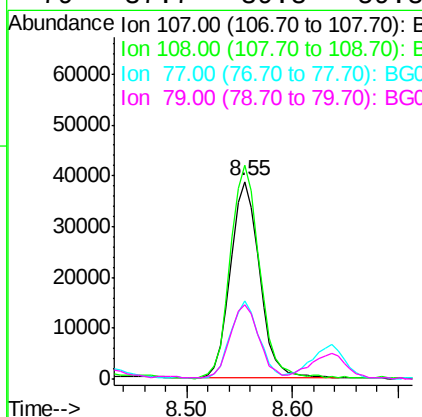
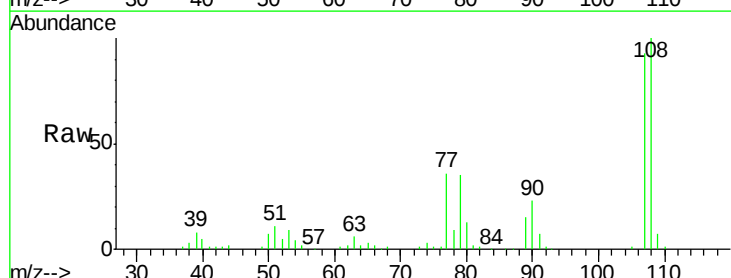
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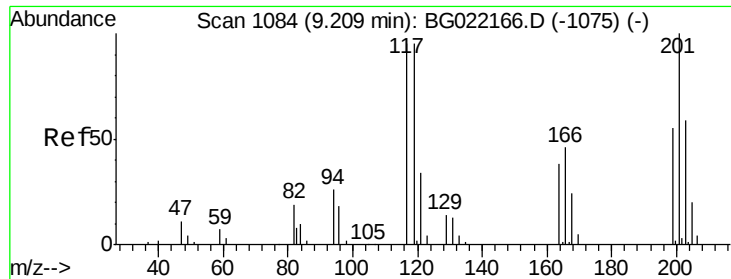
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6/13/2016 7:06:59 PM



#17
2-Methylphenol
Concen: 44.93 ng
RT: 8.55 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	108.1	80.2	120.4
77	39.3	40.7	61.1#
79	37.7	39.8	59.8#





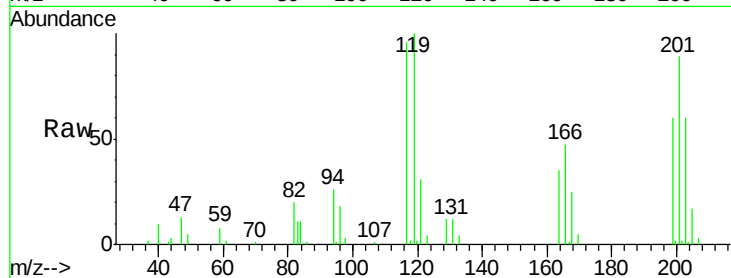
#18
Hexachloroethane
Concen: 40.59 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	29579		
119	104.0	63.9	95.9#	
201	95.7	61.2	91.8#	

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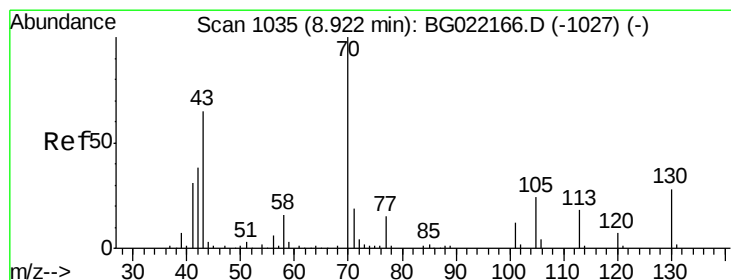
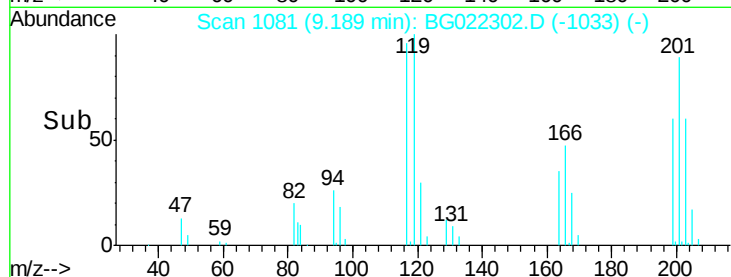
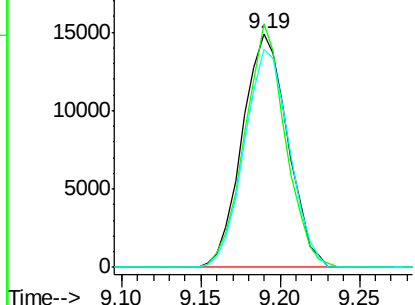


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 41.30 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	59426		
42	38.5	56.7	85.1#	
101	10.5	8.2	12.4	
130	21.9	14.0	21.0#	

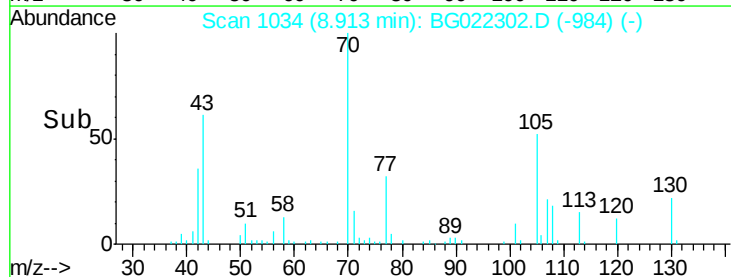
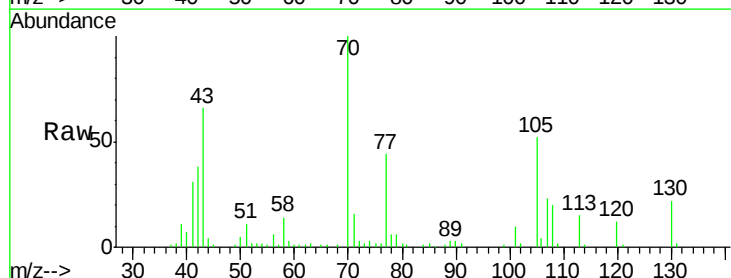
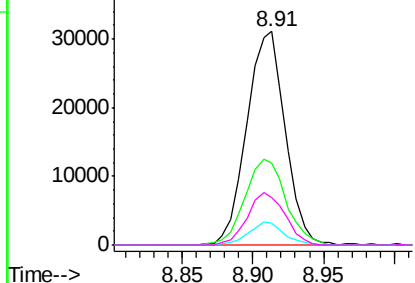
Abundance

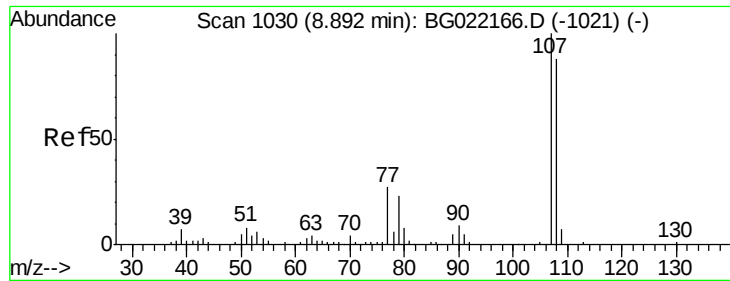
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





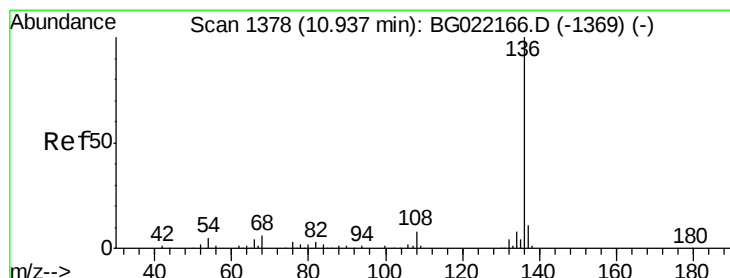
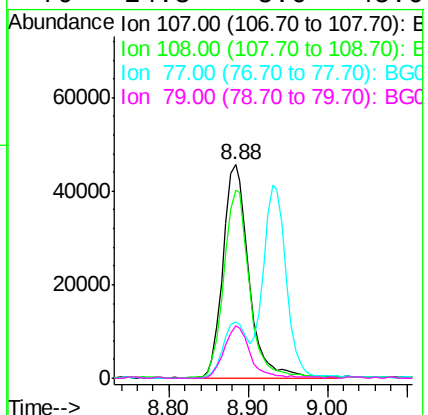
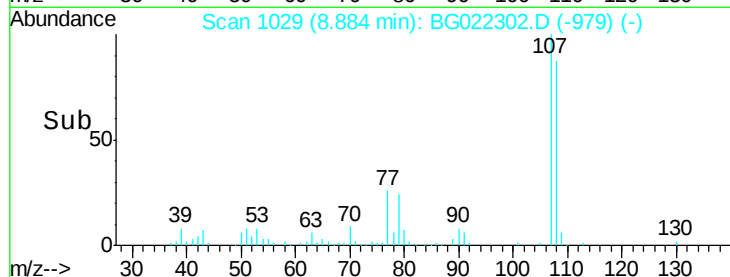
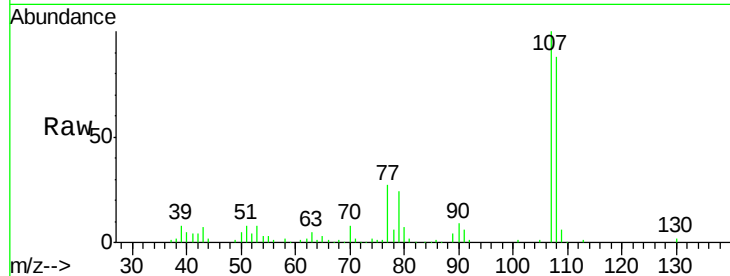
#20
3+4-Methylphenols
Concen: 44.13 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	103525		
108	87.9	66.2	106.2	
77	26.5	11.5	51.5	
79	24.3	5.6	45.6	

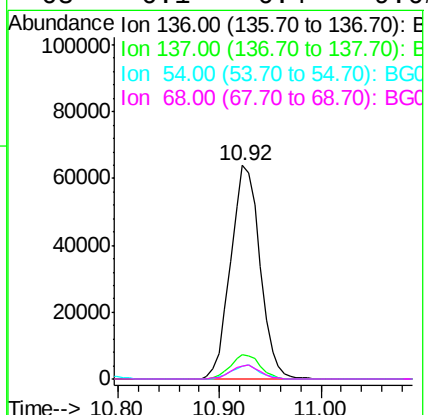
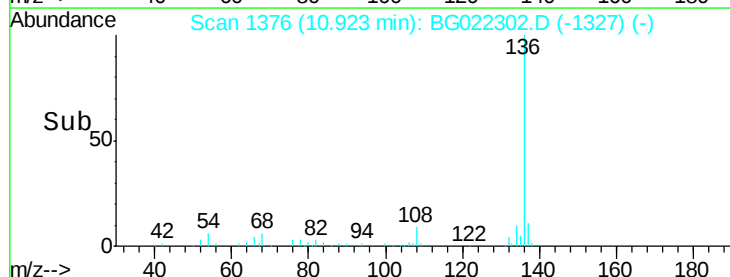
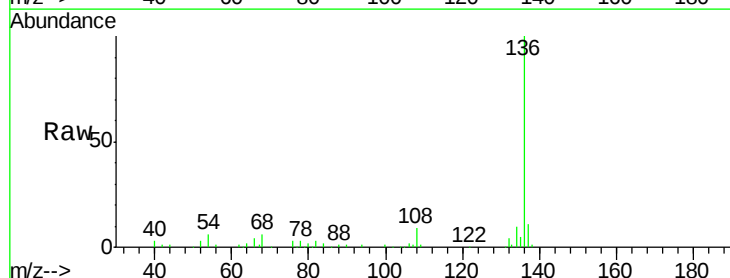
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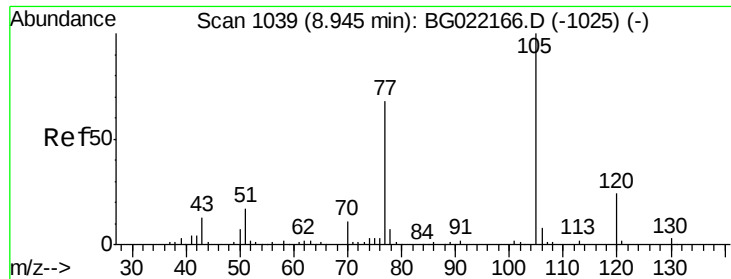
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	128350		
137	11.3	9.0	13.4	
54	6.1	9.6	14.4#	
68	6.1	6.4	9.6#	





#22

Acetophenone

Concen: 42.01 ng

RT: 8.93 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG022302.D

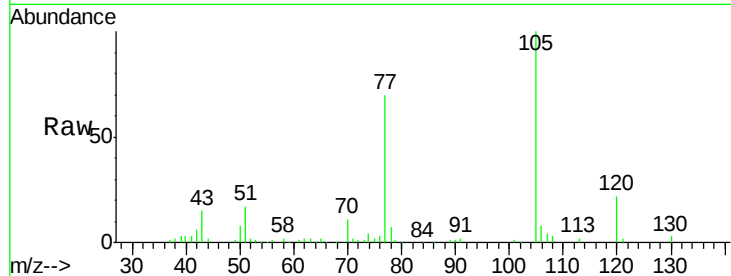
Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS



Tgt Ion: 105 Resp: 116187

Ion Ratio Lower Upper

105 100

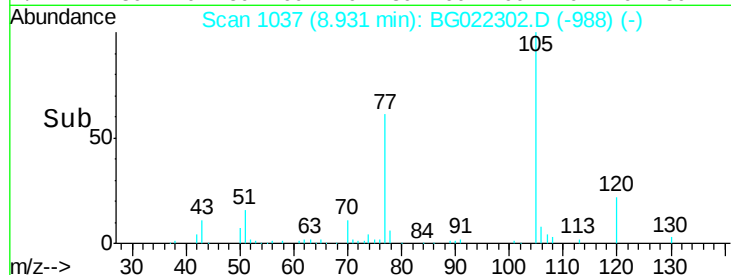
71 1.9 0.0 0.0#

51 17.1 25.7 38.5#

120 22.1 17.0 25.6

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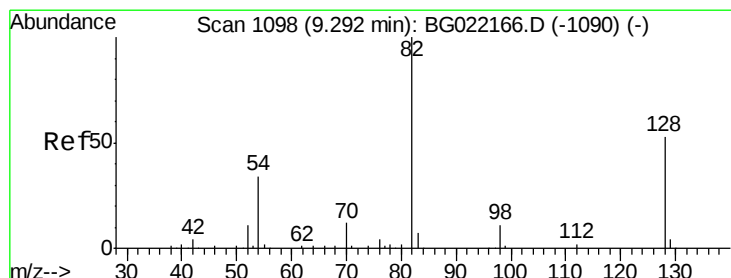
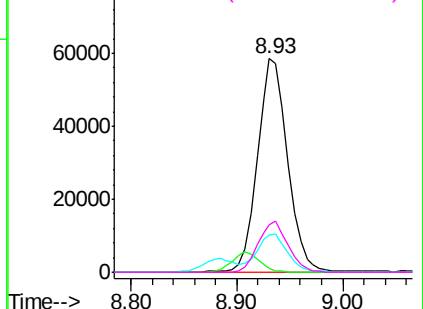


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 89.23 ng

RT: 9.28 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

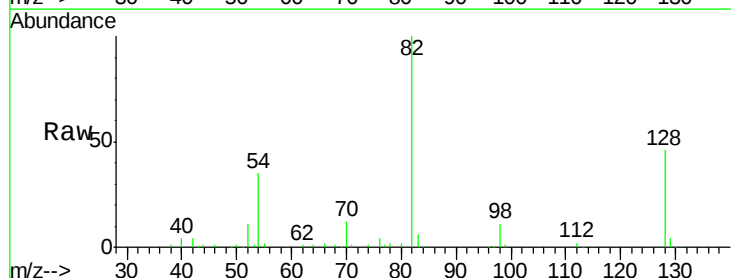
Tgt Ion: 82 Resp: 164275

Ion Ratio Lower Upper

82 100

128 45.7 33.4 50.0

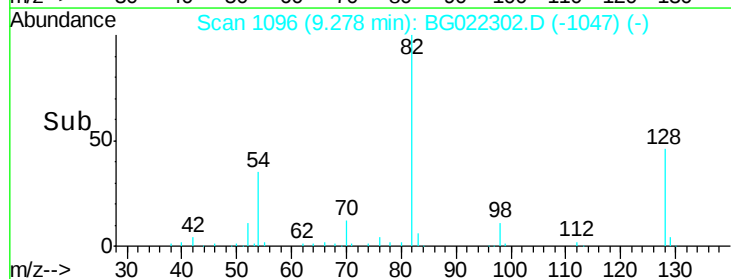
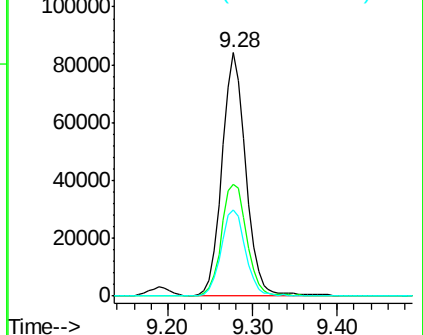
54 35.2 46.1 69.1#

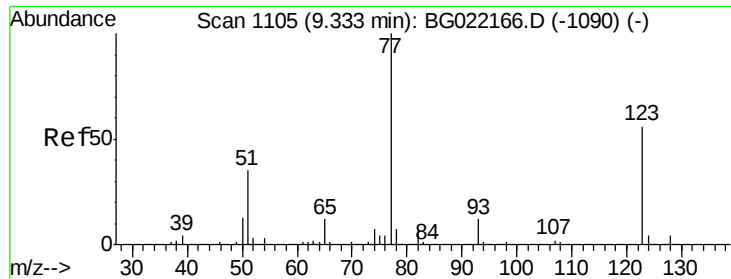


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





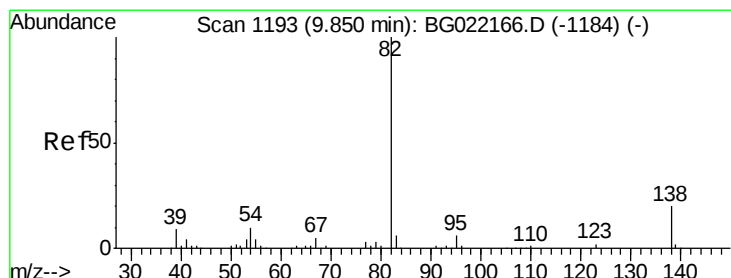
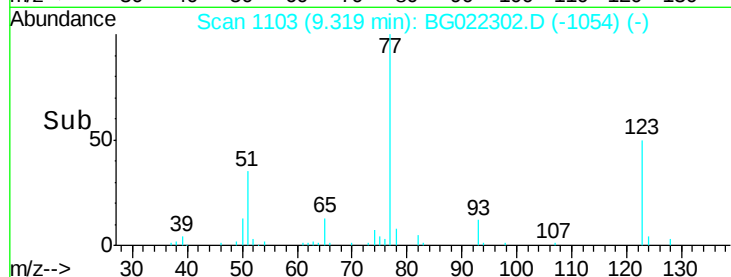
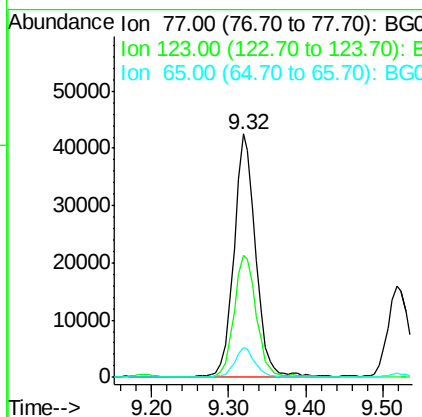
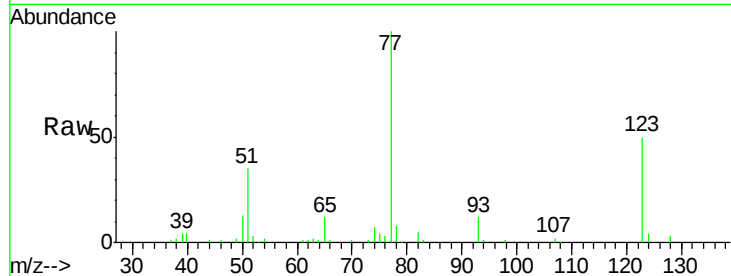
#24
 Nitrobenzene
 Concen: 45.57 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	49.9	32.2	48.4#
65	12.5	10.3	15.5

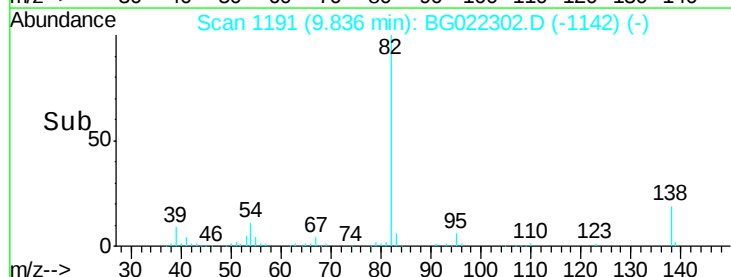
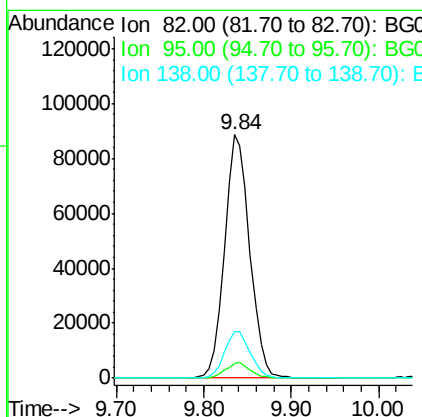
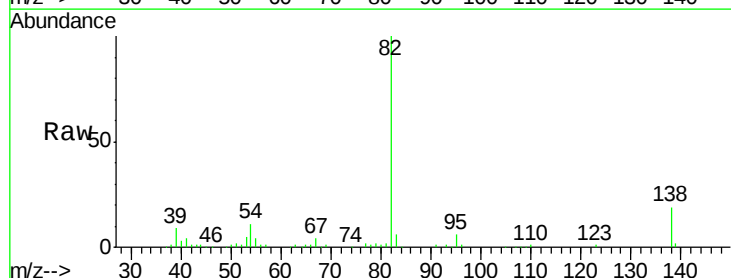
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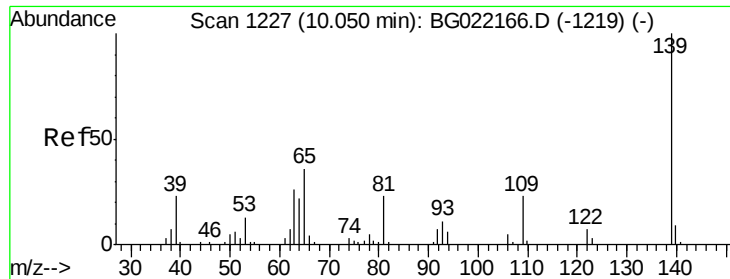
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#25
 Isophorone
 Concen: 40.35 ng
 RT: 9.84 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	5.9	6.0	9.0#
138	19.2	13.4	20.0





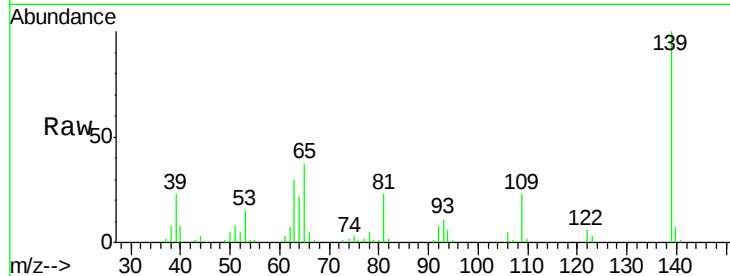
#26
2-Nitrophenol
Concen: 44.50 ng
RT: 10.04 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampled :
PB91195BS

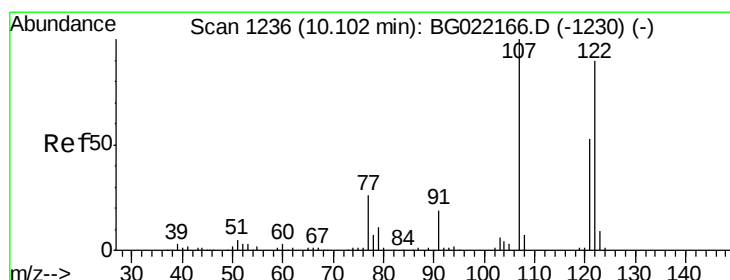
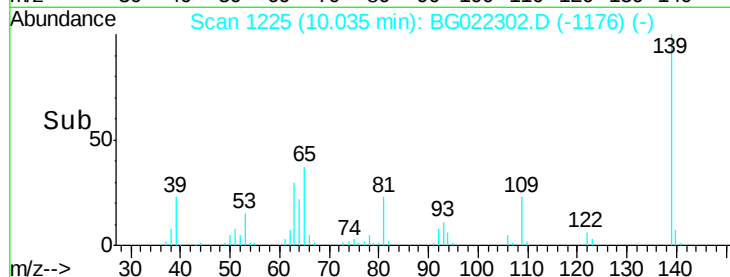
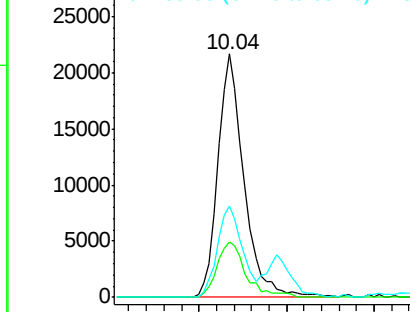
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	44674		
109	22.9	26.6	40.0#	
65	37.3	45.3	67.9#	

Manual Integrations
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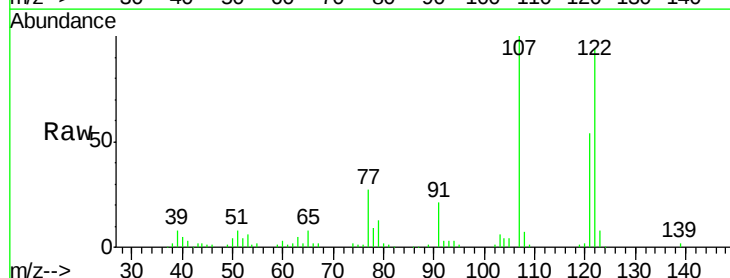


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

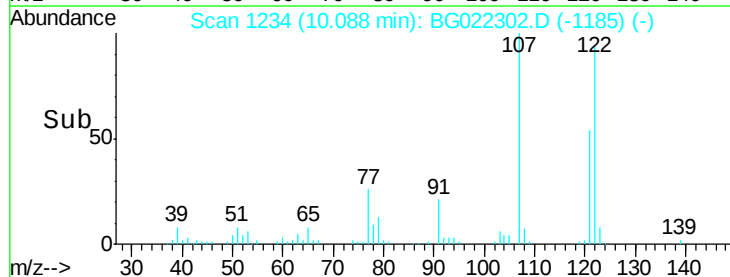
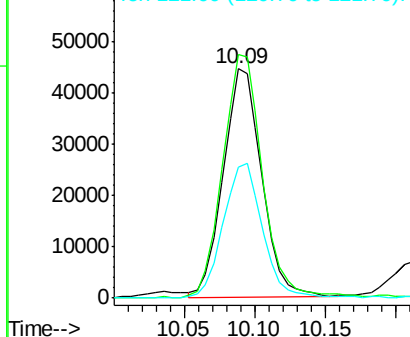


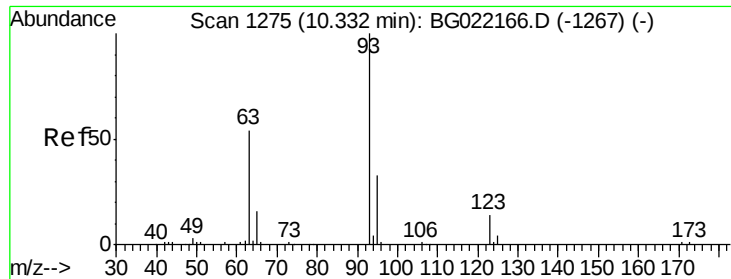
#27
2,4-Dimethylphenol
Concen: 46.54 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	84566		
107	106.1	97.2	145.8	
121	57.2	49.0	73.4	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





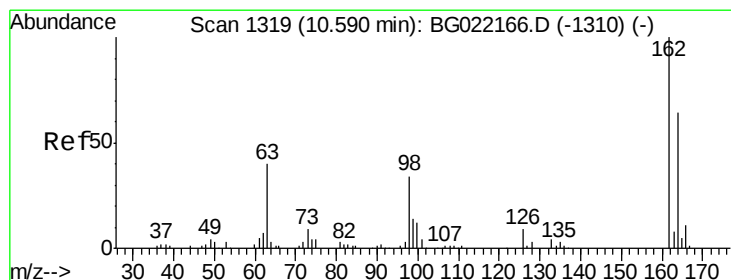
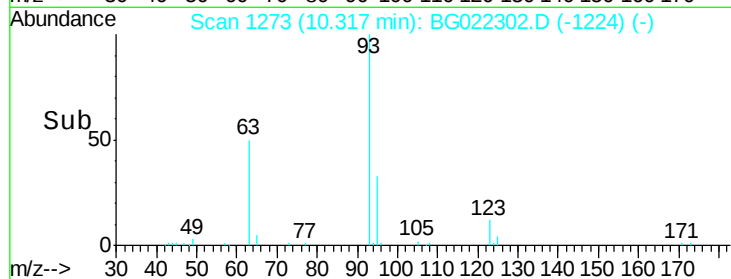
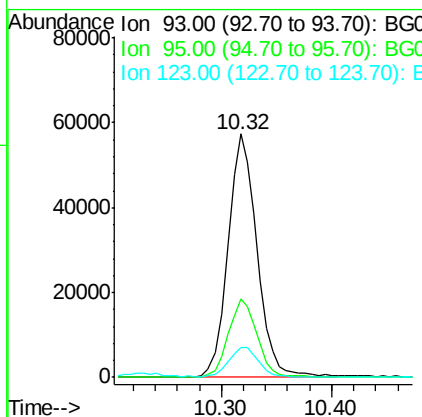
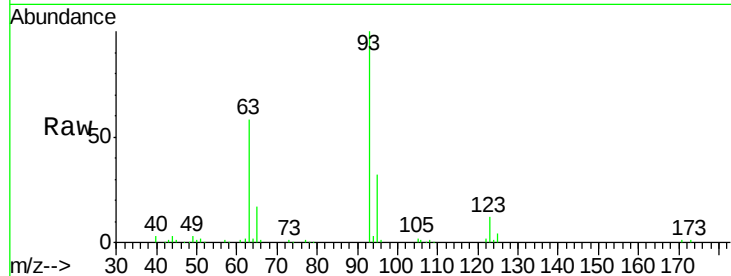
#28
bis(2-Chloroethoxy)methane
Concen: 42.81 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	105650		
95	32.3	30.1	45.1	
123	12.4	10.2	15.4	

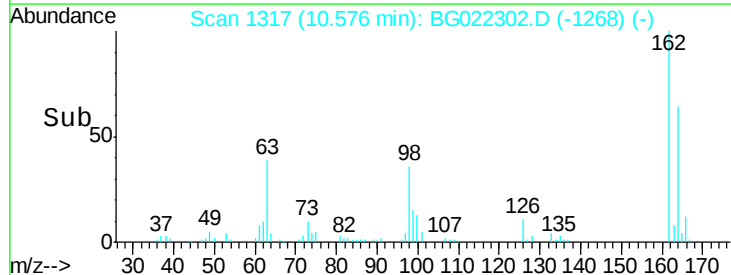
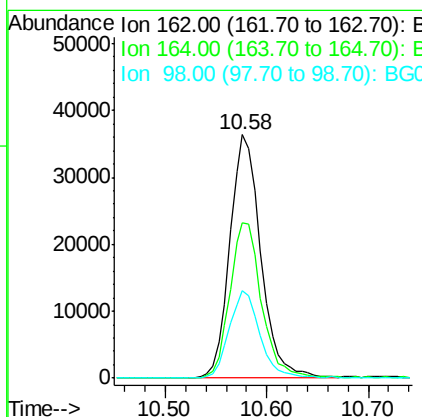
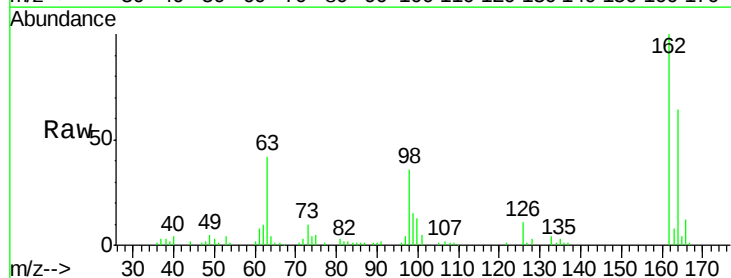
Manual Integrations
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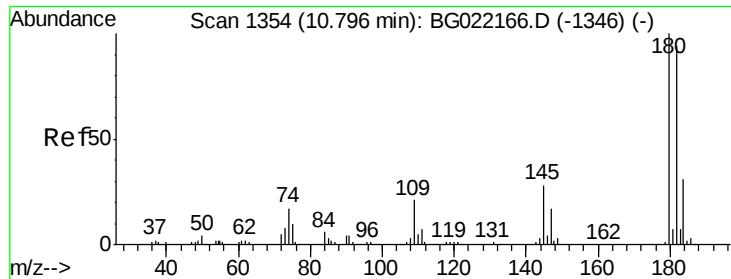
SOHIL
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#29
2,4-Dichlorophenol
Concen: 45.77 ng
RT: 10.58 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	77051		
164	63.6	44.9	84.9	
98	36.0	19.2	59.2	





#30

1,2,4-Trichlorobenzene

Concen: 39.91 ng

RT: 10.79 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BG022302.D

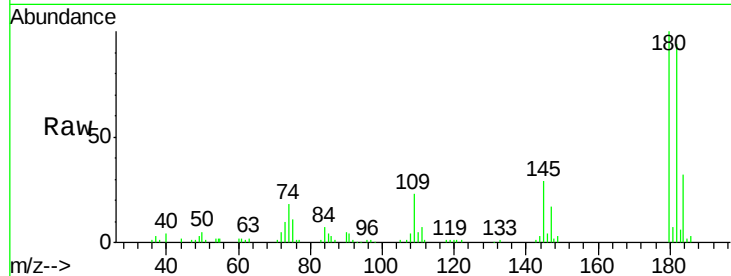
Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

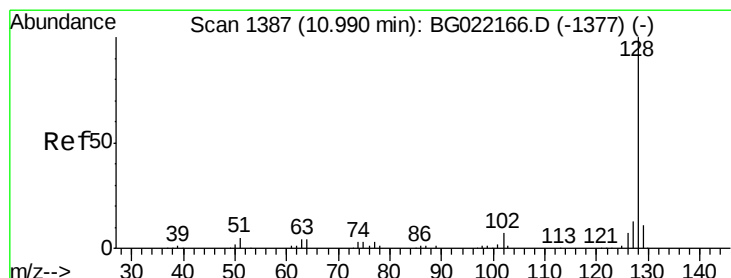
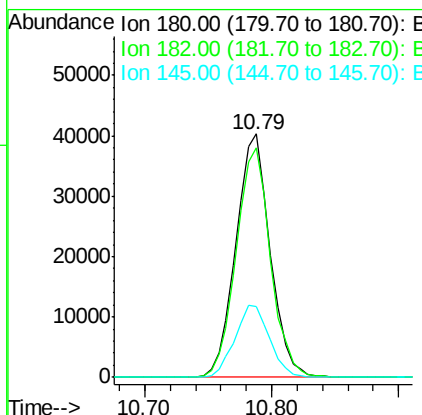
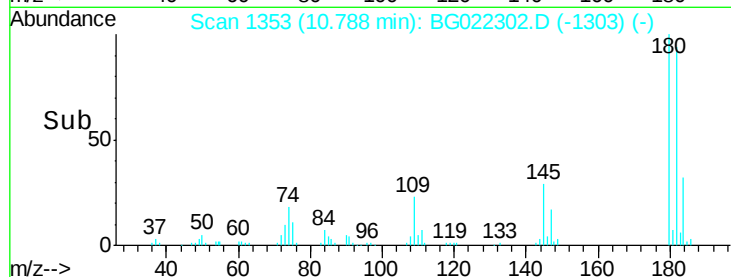
PB91195BS



Tgt Ion:	180	Resp:	75064
Ion Ratio	Lower	Upper	
180	100		
182	94.3	82.3	123.5
145	29.2	24.4	36.6

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#31

Naphthalene

Concen: 40.90 ng

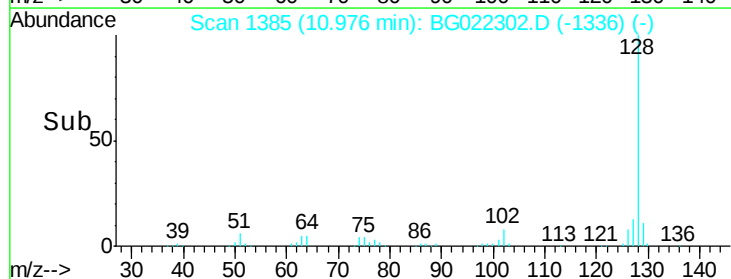
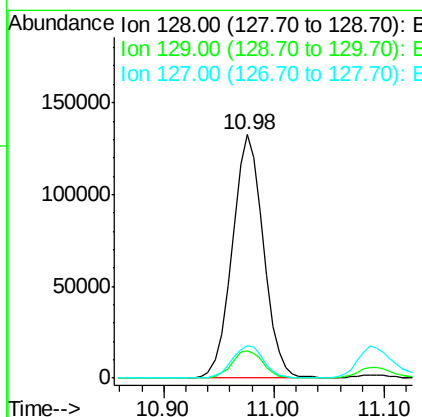
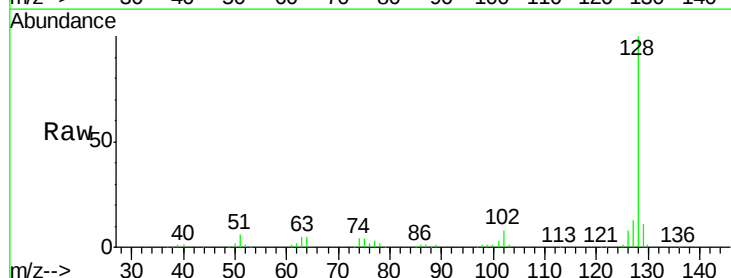
RT: 10.98 min Scan# 1385

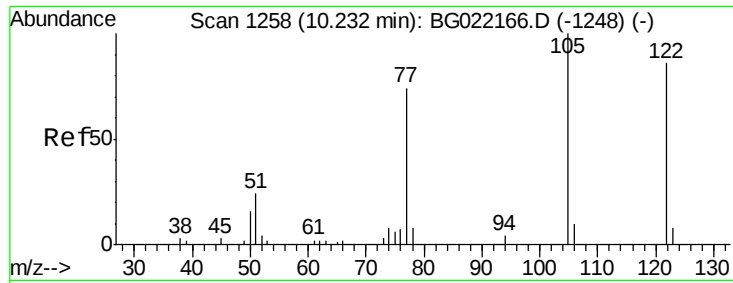
Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:	128	Resp:	262056
Ion Ratio	Lower	Upper	
128	100		
129	11.0	7.0	10.6#
127	13.4	10.1	15.1





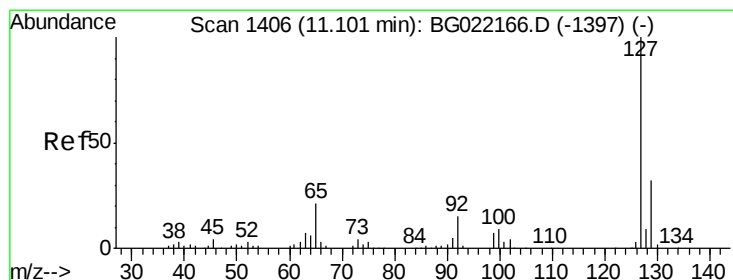
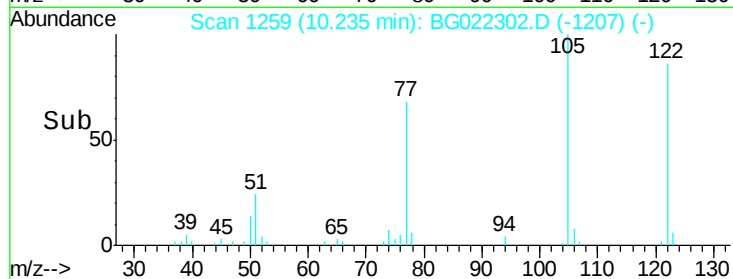
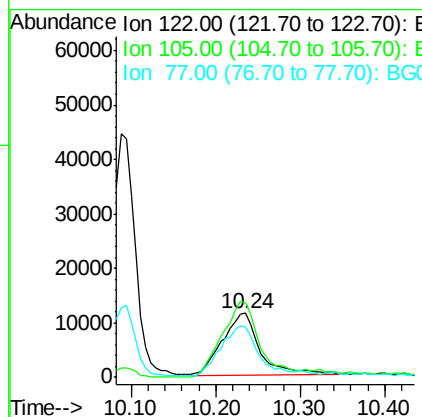
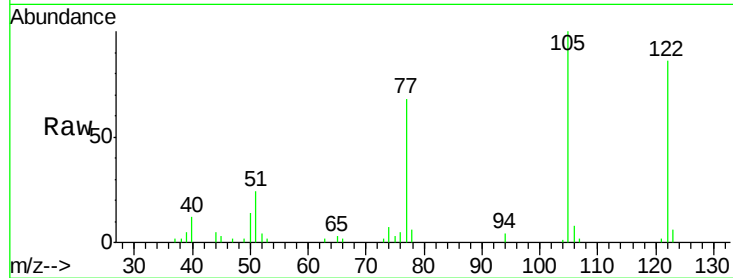
#32
Benzoic acid
Concen: 53.93 ng
RT: 10.24 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.2	104.5	144.5
77	78.6	79.9	119.9

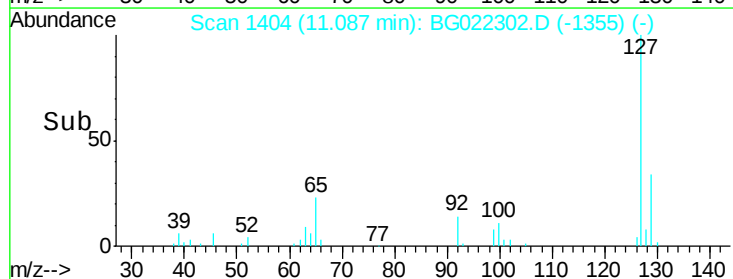
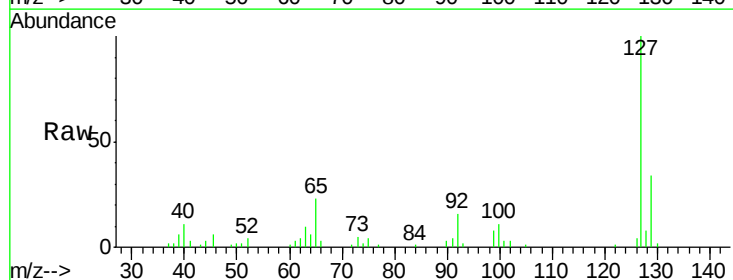
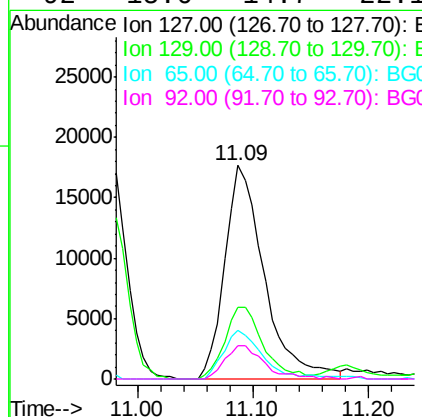
Manual Integrations
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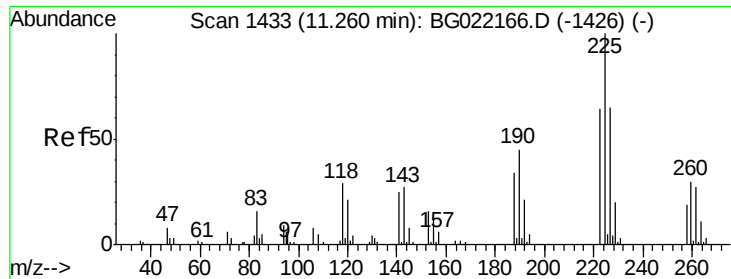
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#33
4-Chloroaniline
Concen: 15.79 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.6	39.8
65	22.5	27.5	41.3
92	15.6	14.7	22.1





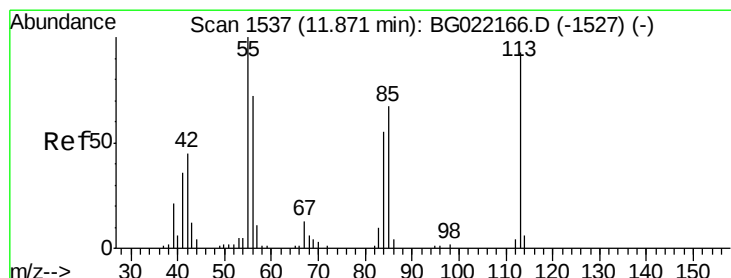
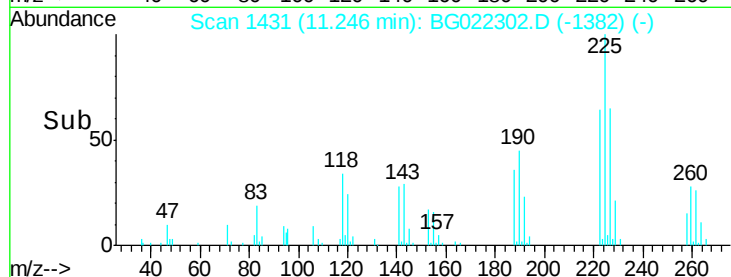
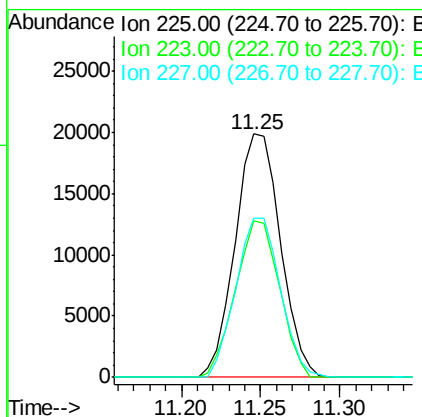
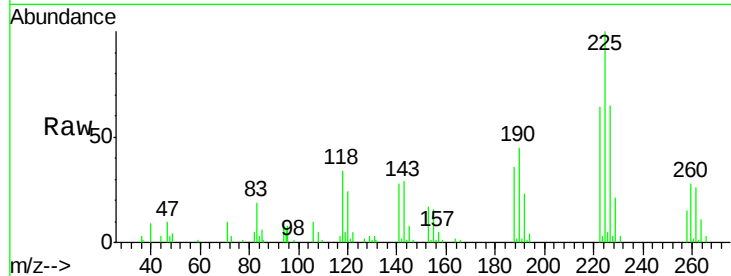
#34
Hexachlorobutadiene
Concen: 39.04 ng
RT: 11.25 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.7	79.1
227	64.3	49.7	74.5

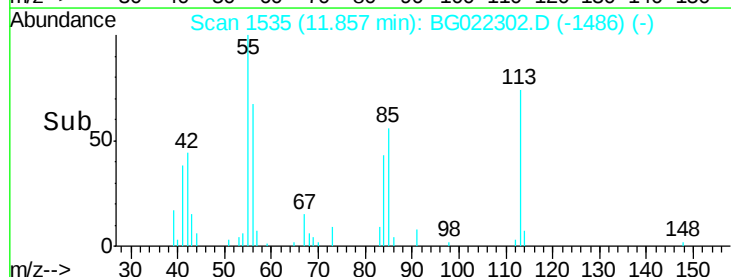
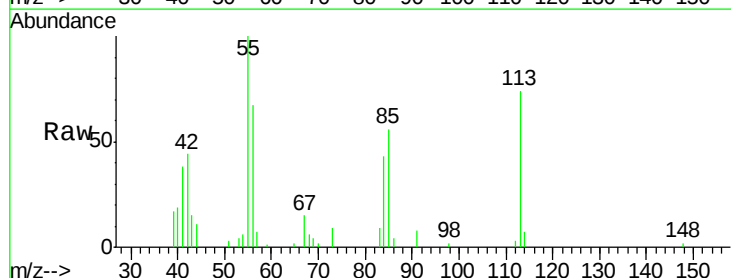
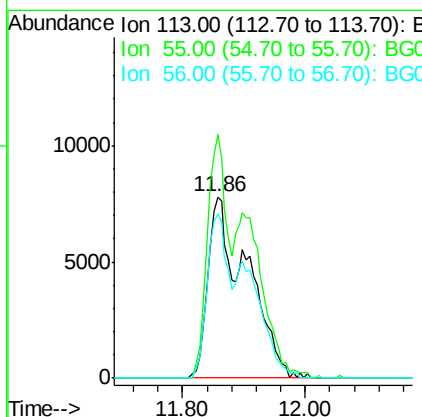
Manual Integrations
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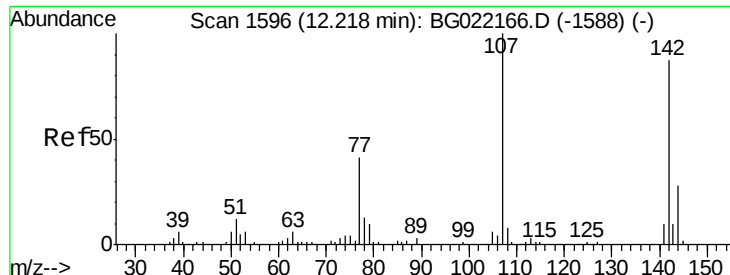
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#35
Caprolactam
Concen: 37.08 ng m
RT: 11.86 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Lower	Upper
113	100		
55	134.4	194.2	234.2#
56	90.6	122.6	162.6#





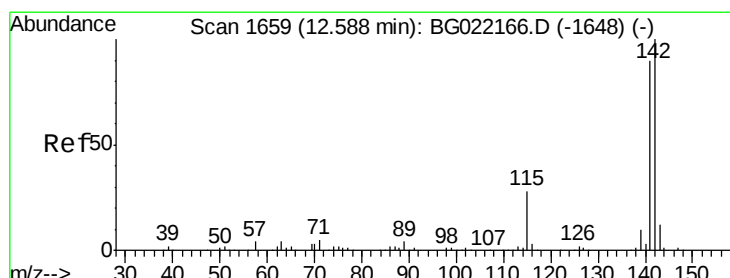
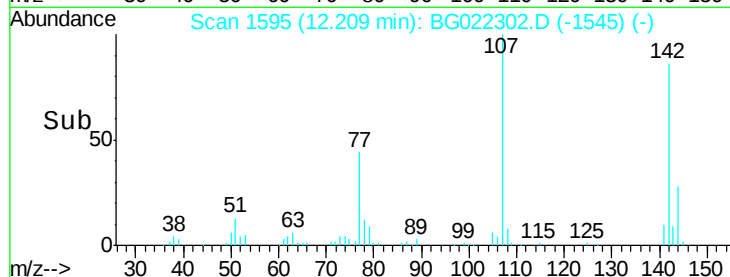
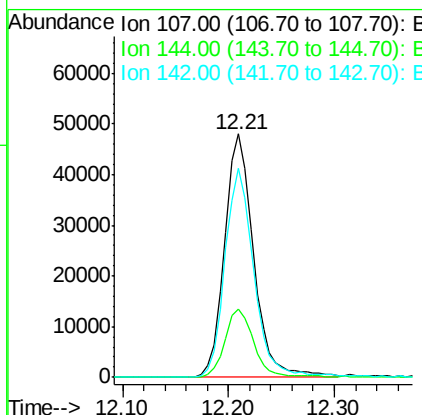
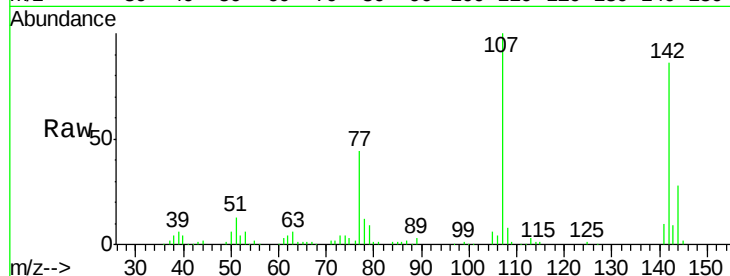
#36
4-Chloro-3-methylphenol
Concen: 45.95 ng
RT: 12.21 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	19.2	28.8
142	85.7	59.1	88.7

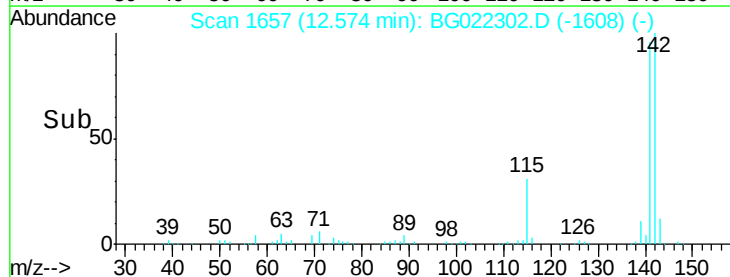
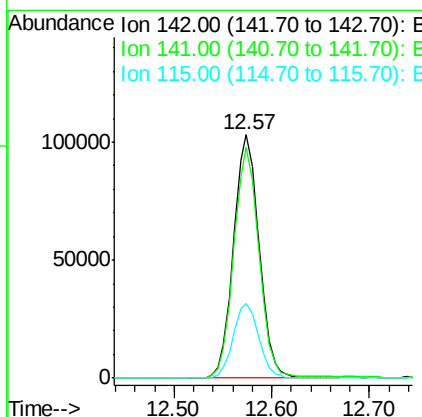
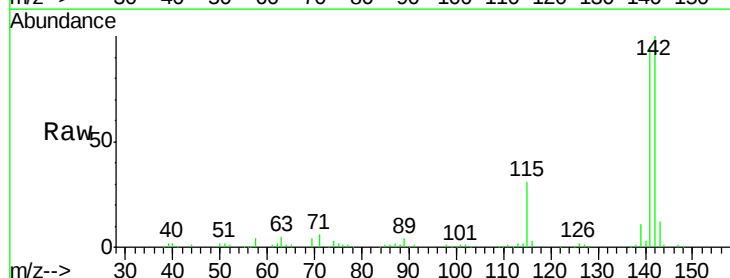
Manual Integrations
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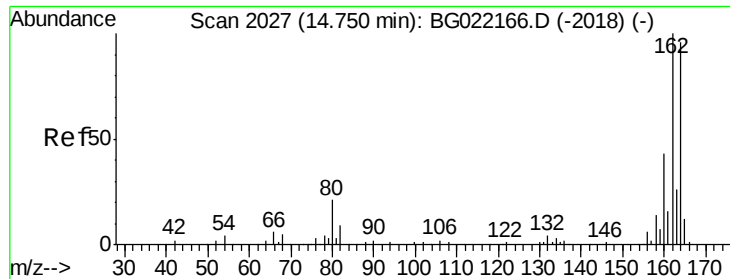
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#37
2-Methylnaphthalene
Concen: 39.71 ng
RT: 12.57 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	71.4	107.0
115	30.5	27.4	41.2





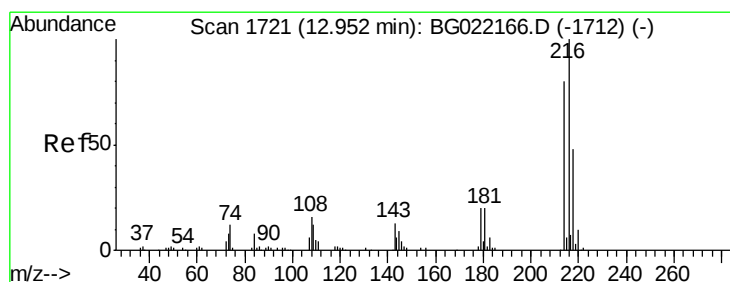
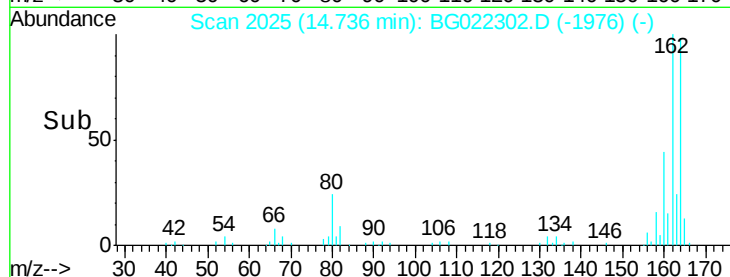
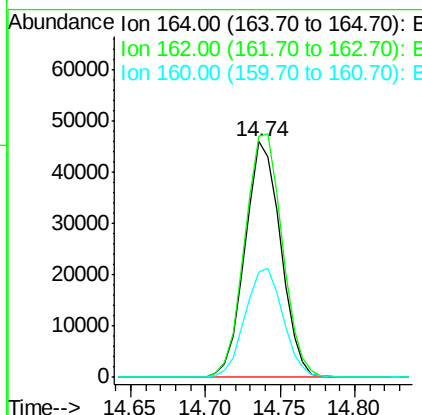
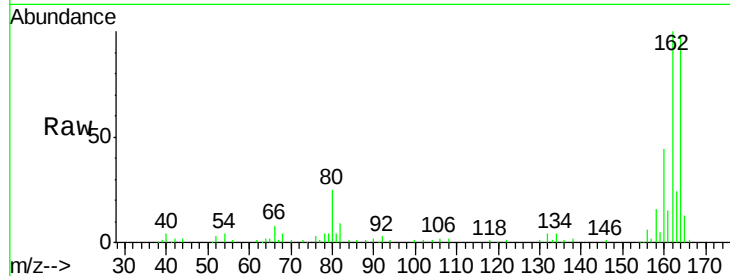
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.0	117.0
160	44.9	32.9	49.3

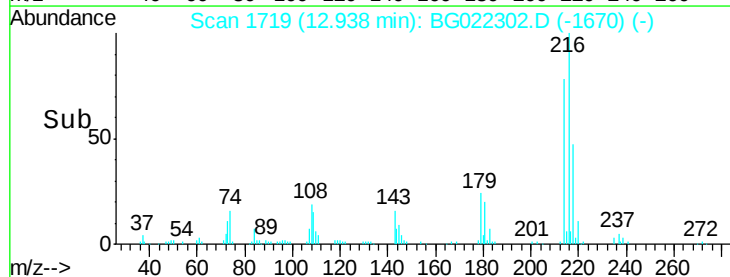
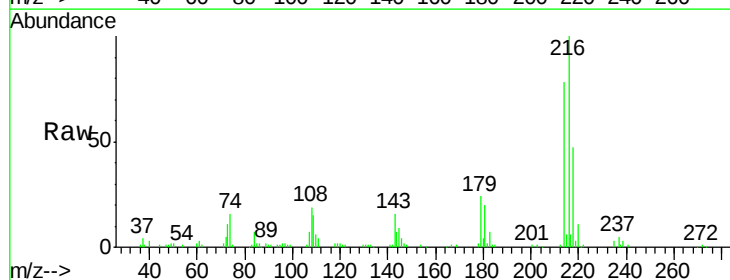
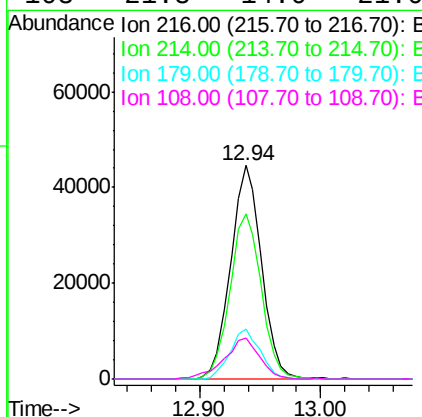
Manual Integrations
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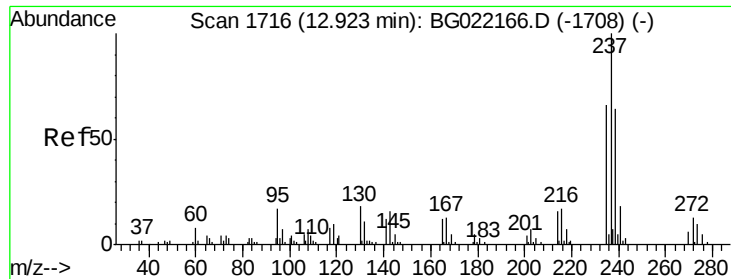
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.53 ng
RT: 12.94 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.2	93.2
179	22.6	16.7	25.1
108	21.8	14.0	21.0#





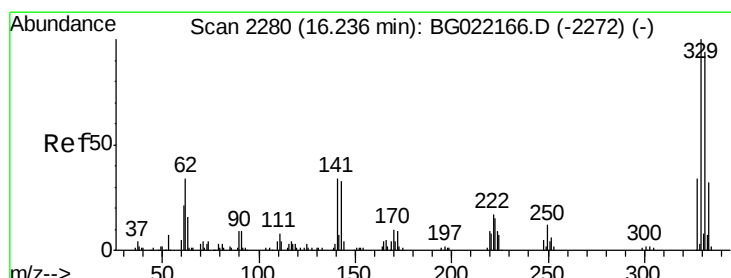
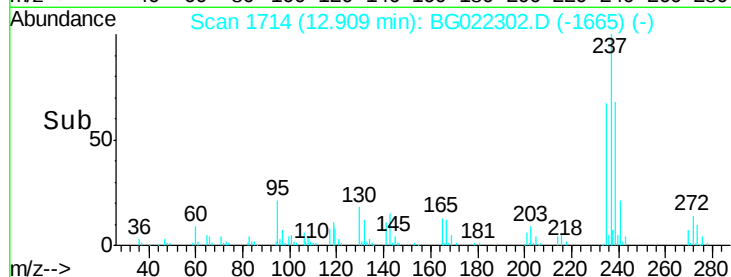
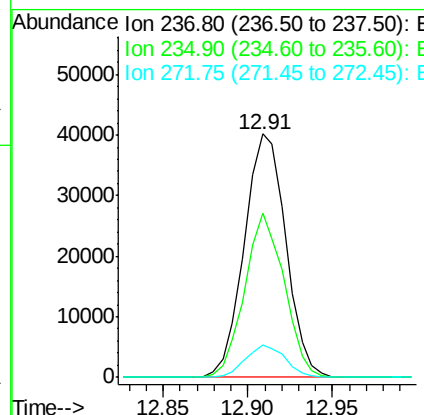
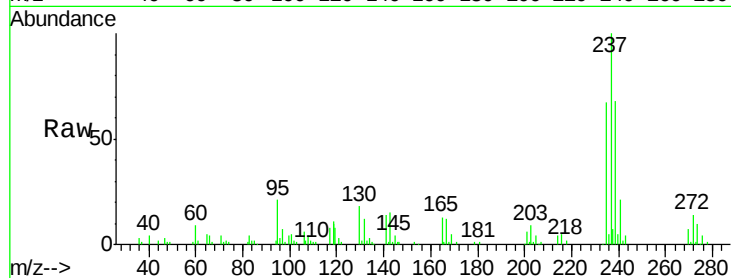
#40
Hexachlorocyclopentadiene
Concen: 69.58 ng
RT: 12.91 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	67.2	43.2	83.2
272	13.6	0.0	33.4

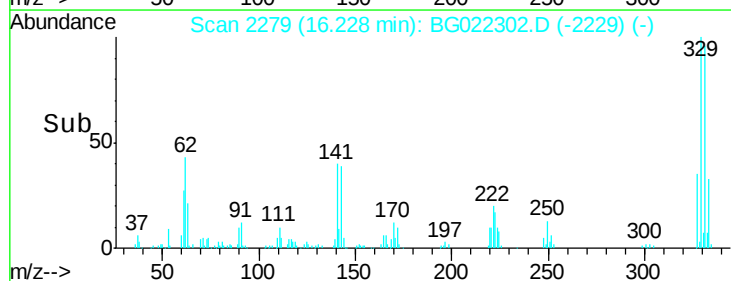
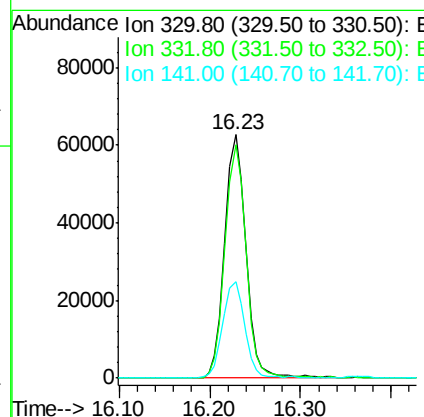
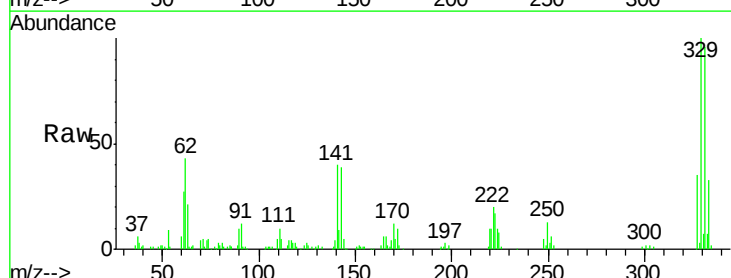
Manual Integrations
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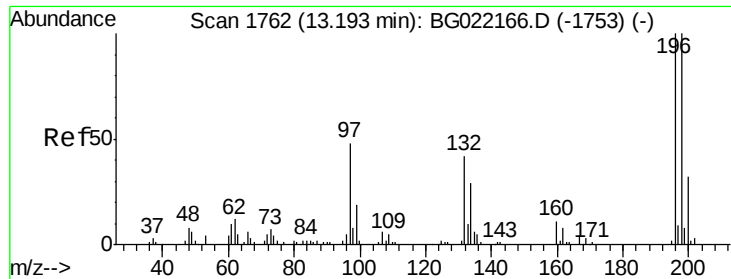
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#41
2,4,6-Tribromophenol
Concen: 119.49 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.9	78.0	117.0
141	41.1	33.8	50.8





#42

2,4,6-Trichlorophenol

Concen: 45.47 ng

RT: 13.18 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG022302.D

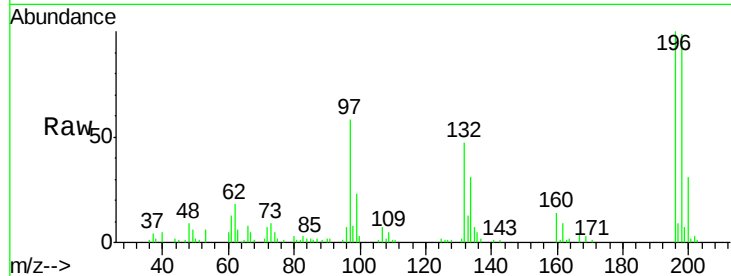
Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

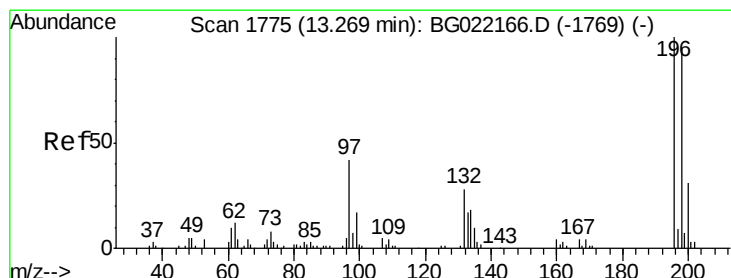
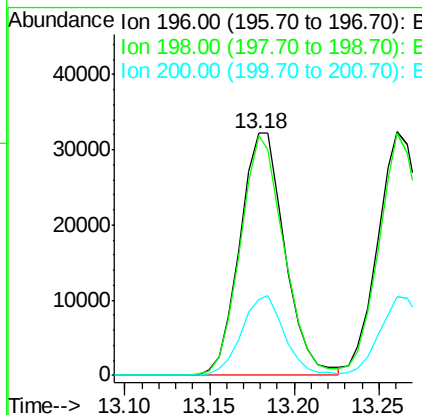
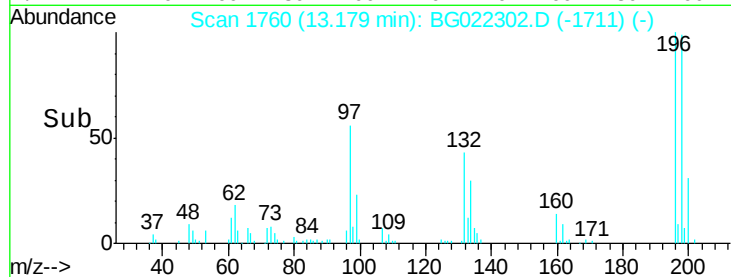
PB91195BS



Tgt Ion:	196	Resp:	59578
Ion Ratio	Lower	Upper	
196	100		
198	98.9	80.1	120.1
200	33.4	24.1	36.1

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 45.81 ng

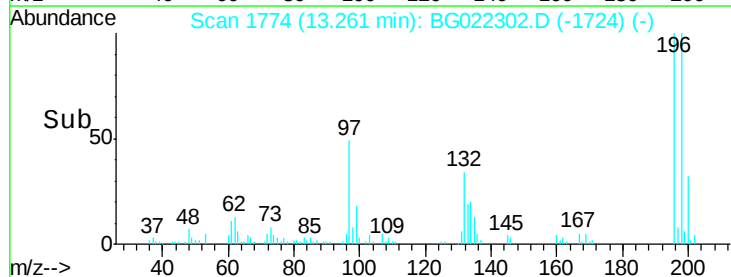
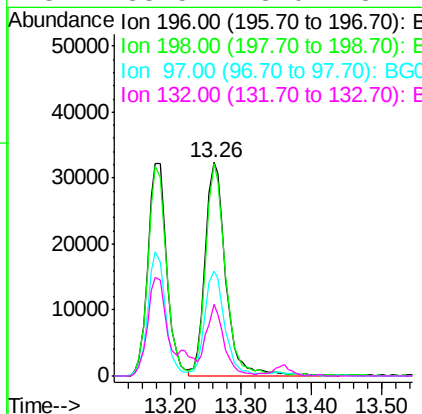
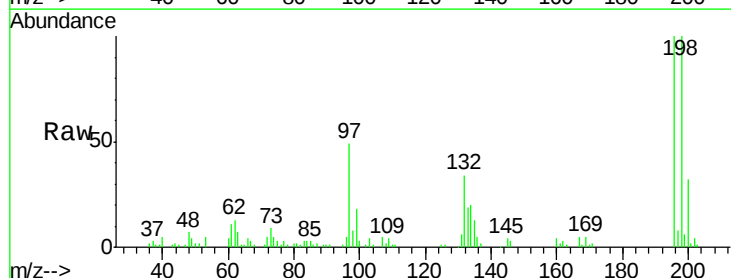
RT: 13.26 min Scan# 1774

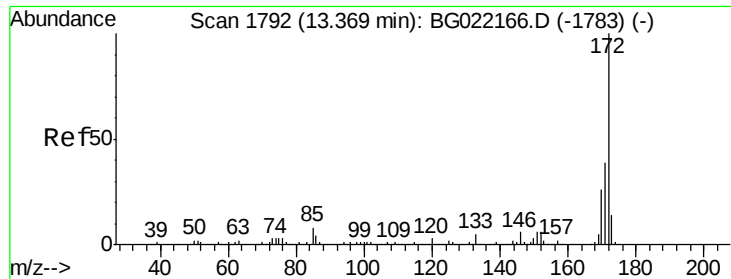
Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:	196	Resp:	66324
Ion Ratio	Lower	Upper	
196	100		
198	99.8	78.0	117.0
97	48.9	43.0	64.6
132	33.5	23.0	34.4





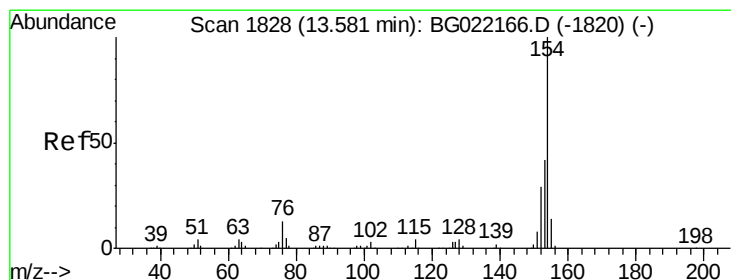
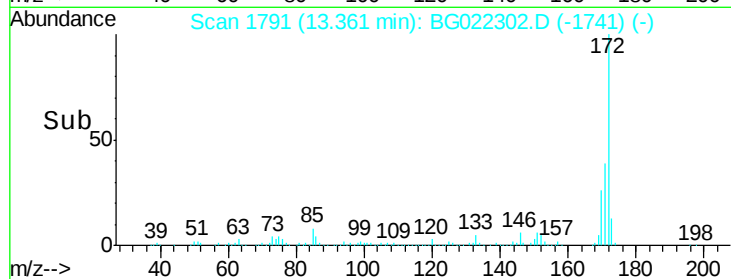
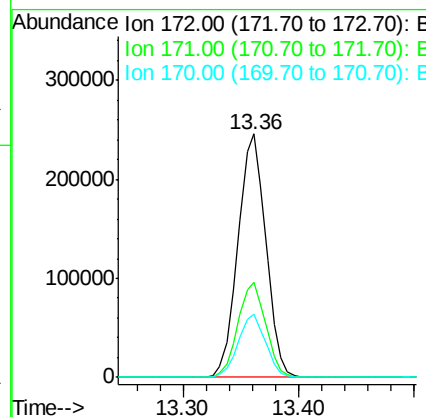
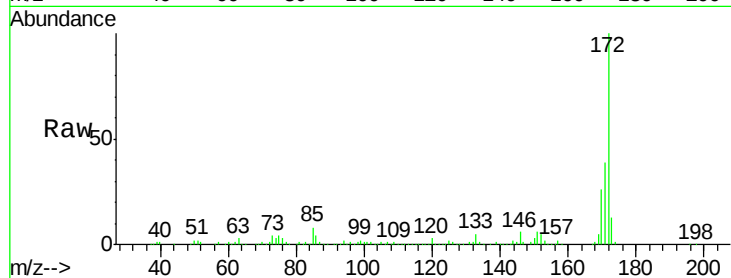
#44
2-Fluorobiphenyl
Concen: 82.65 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	411502		
171	38.9	27.8	41.6	
170	25.7	19.6	29.4	

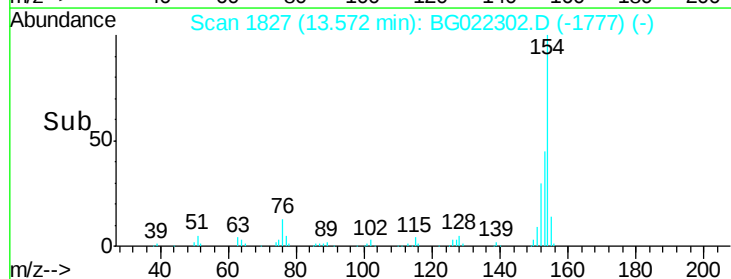
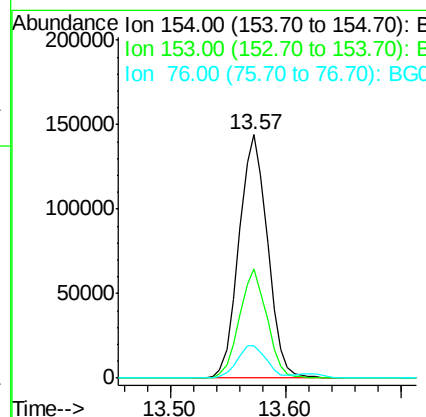
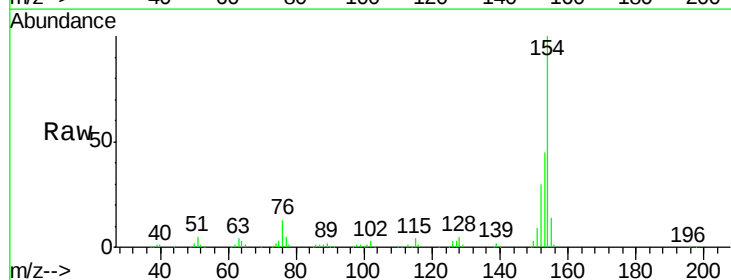
Manual Integrations
APPROVED

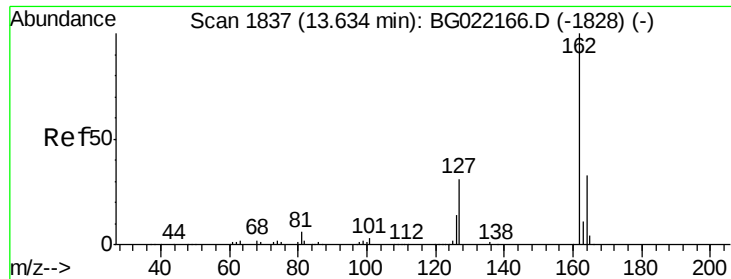
SOHIL
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#45
1,1'-Biphenyl
Concen: 43.33 ng
RT: 13.57 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	247433		
153	44.8	19.7	59.7	
76	13.4	0.0	33.0	





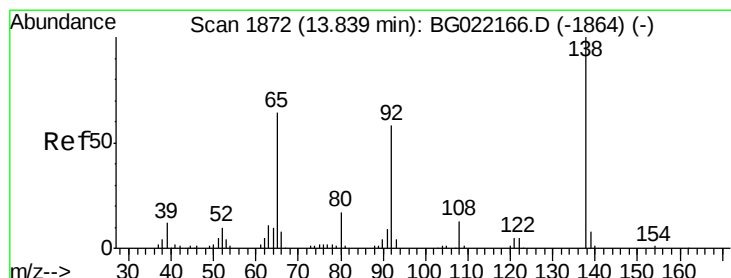
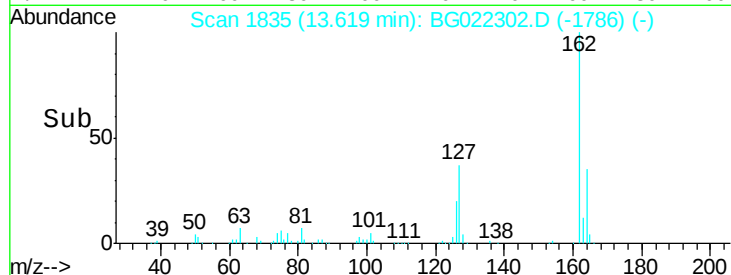
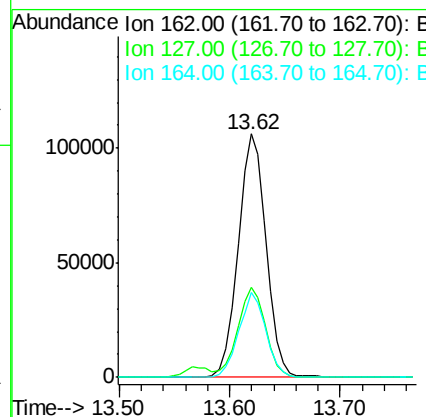
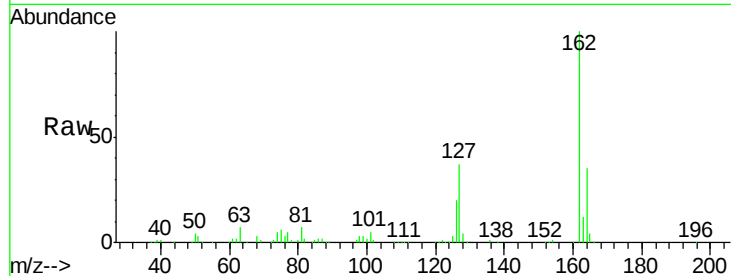
#46
2-Chloronaphthalene
Concen: 42.96 ng
RT: 13.62 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	188048		
127	36.9	32.0	48.0	
164	34.9	27.0	40.4	

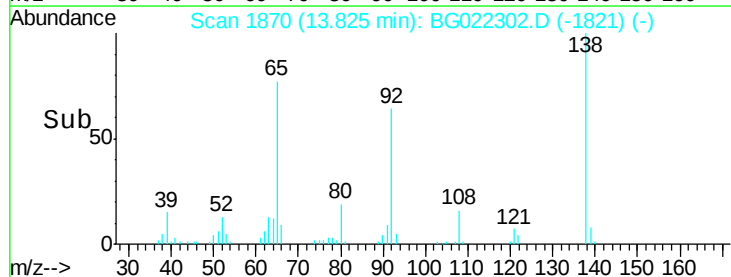
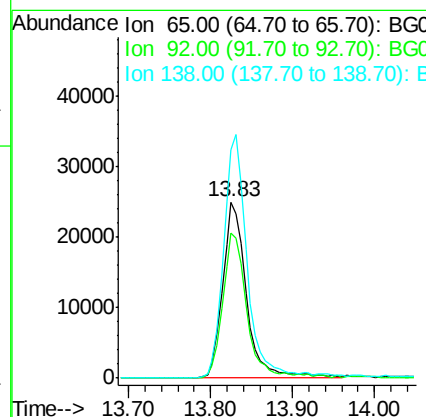
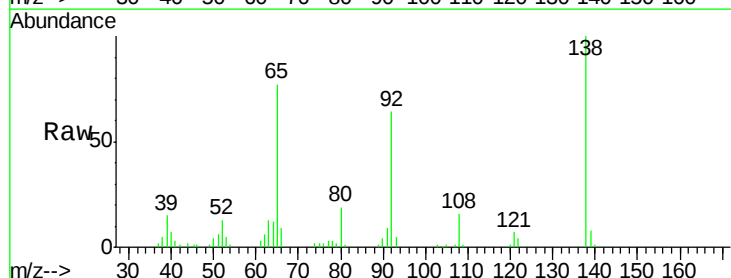
Manual Integrations
APPROVED

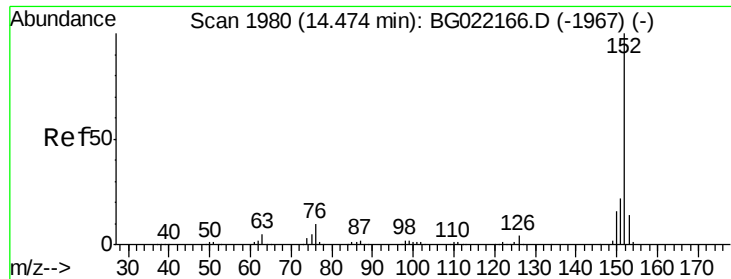
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#47
2-Nitroaniline
Concen: 48.52 ng
RT: 13.83 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	50644		
92	82.6	49.2	73.8#	
138	129.4	75.0	112.6#	





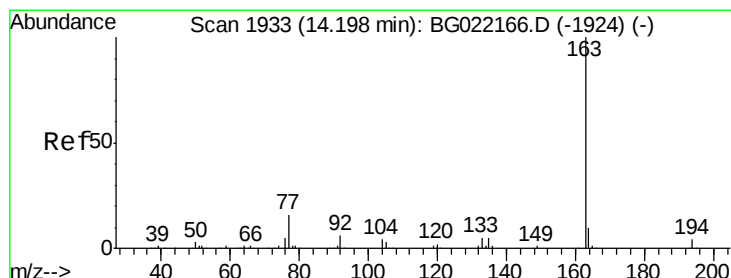
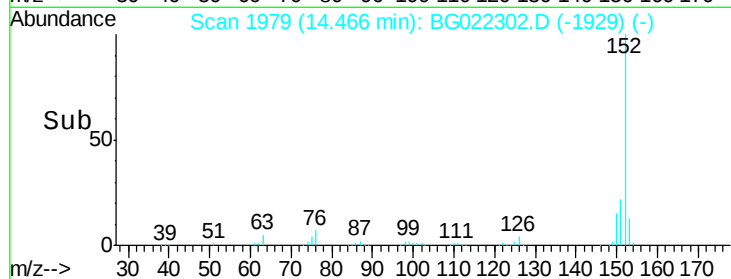
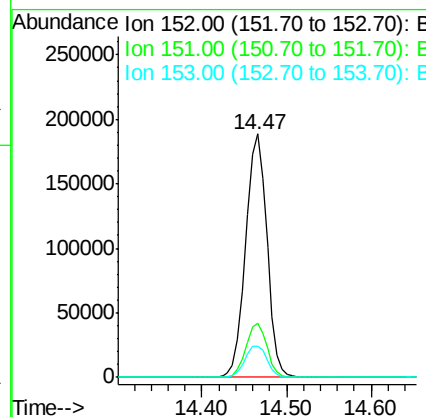
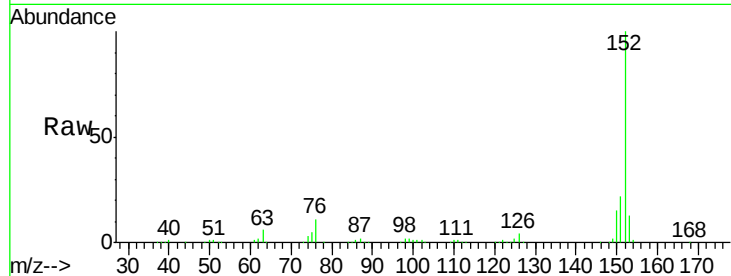
#48
Acenaphthylene
Concen: 42.79 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	328614		
151	22.0	16.6	24.8	
153	13.0	10.2	15.2	

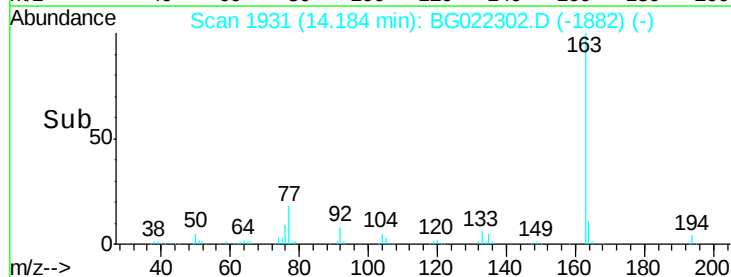
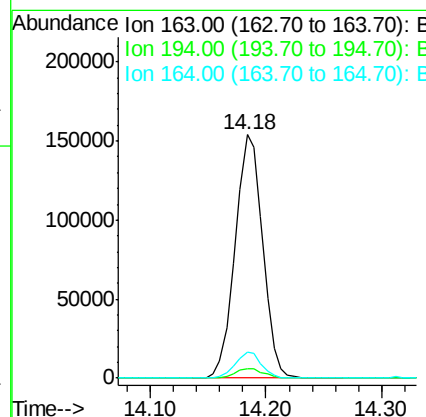
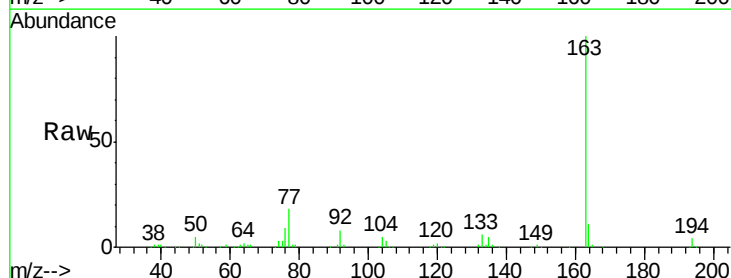
Manual Integrations
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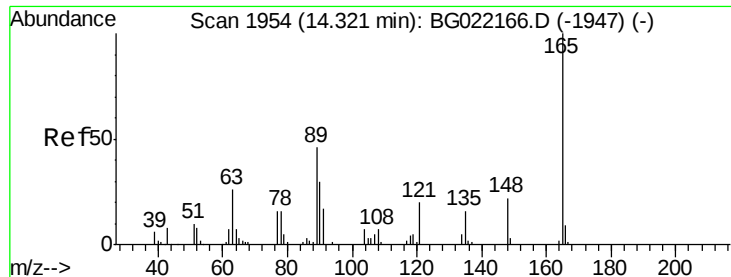
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#49
Dimethylphthalate
Concen: 40.28 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	253402		
194	3.8	3.0	4.6	
164	10.6	8.1	12.1	





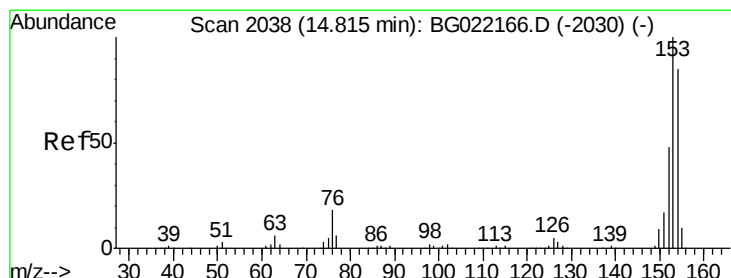
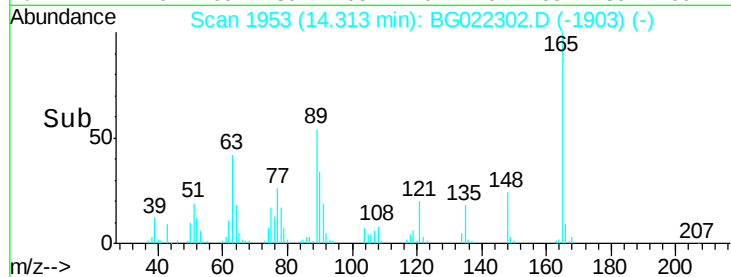
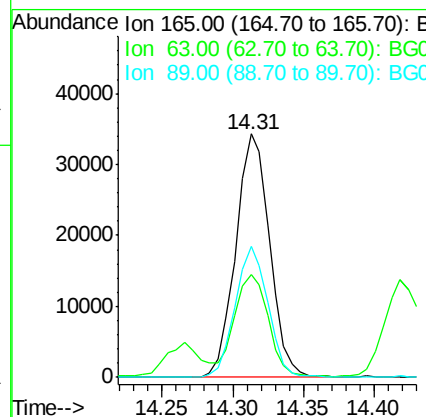
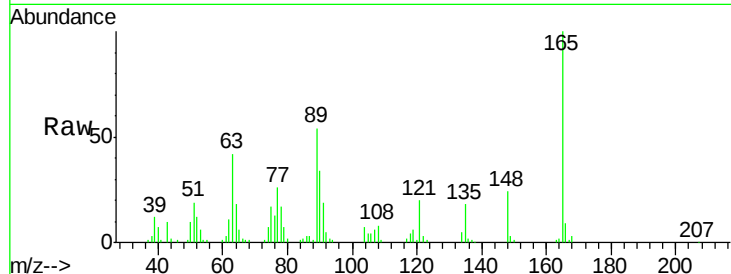
#50
2,6-Dinitrotoluene
Concen: 41.96 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	57387		
63	42.5	48.2	72.4#	
89	53.7	45.3	67.9	

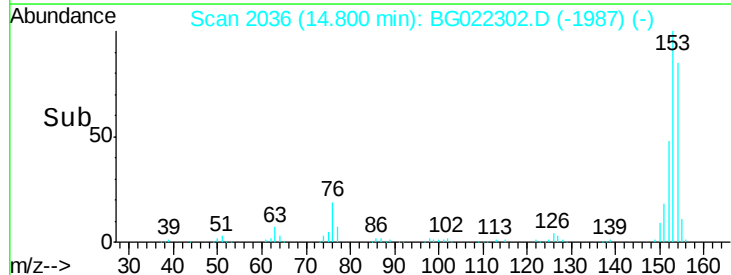
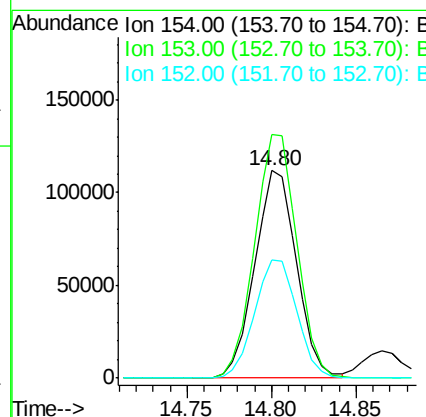
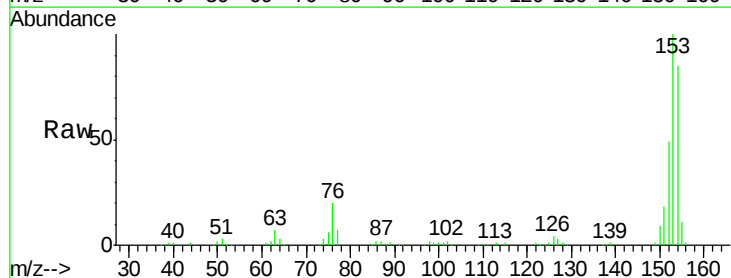
Manual Integrations
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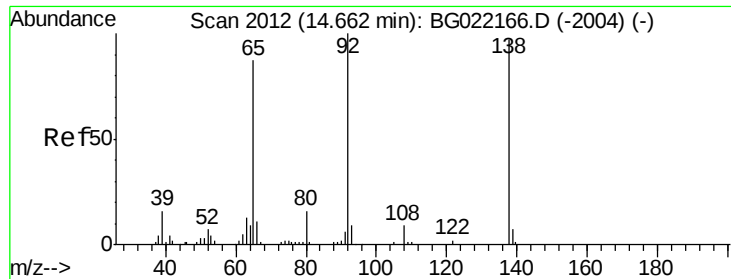
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#51
Acenaphthene
Concen: 41.79 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	192312		
153	117.3	91.9	137.9	
152	57.2	42.0	63.0	





#52

3-Nitroaniline

Concen: 23.38 ng

RT: 14.65 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

Tgt Ion:138 Resp: 35468

Ion Ratio Lower Upper

138 100

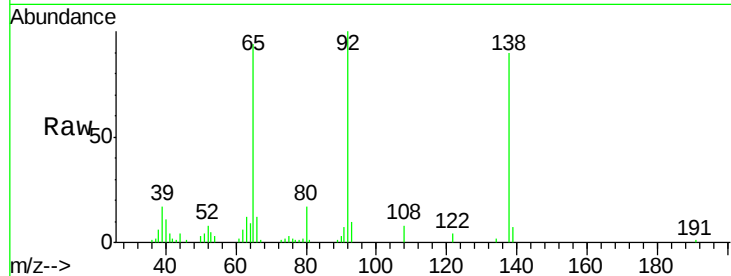
108 8.6 9.1 13.7#

92 111.4 102.6 154.0

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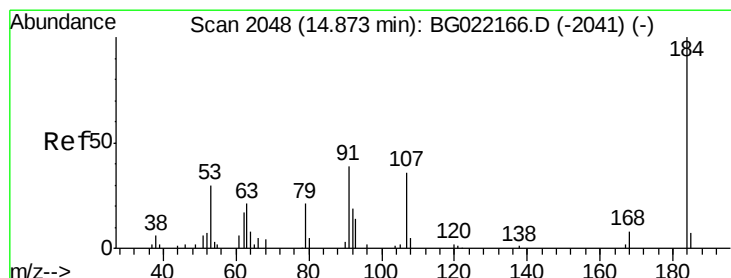
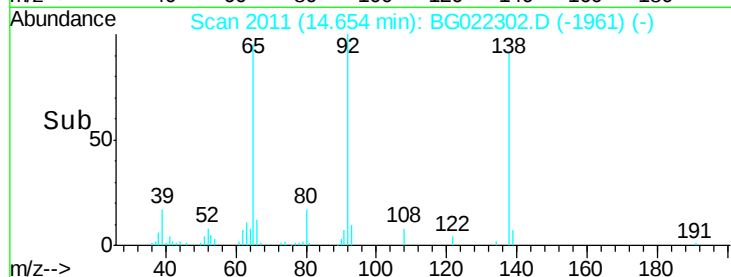
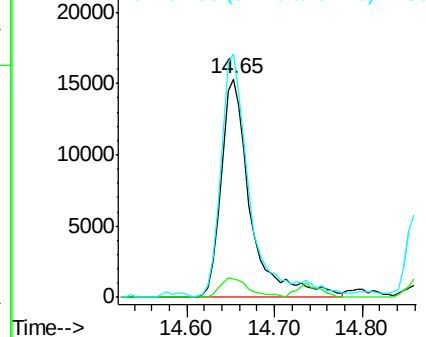
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 90.12 ng

RT: 14.87 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

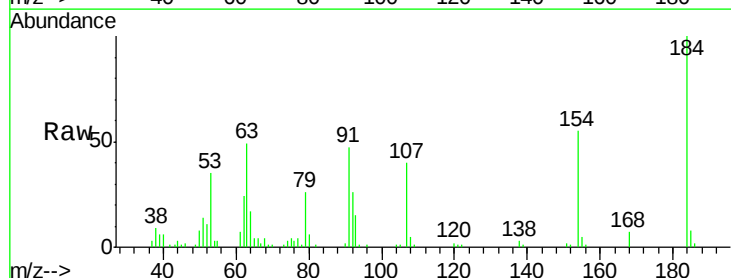
Tgt Ion:184 Resp: 51227

Ion Ratio Lower Upper

184 100

63 49.3 57.3 85.9#

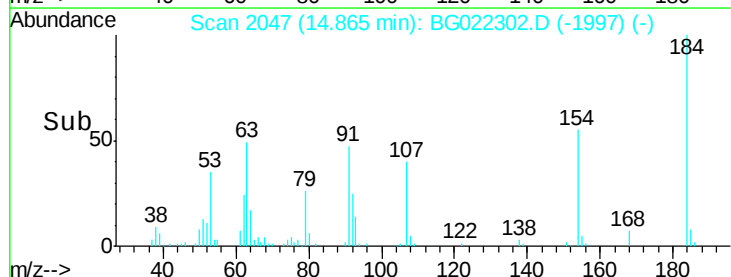
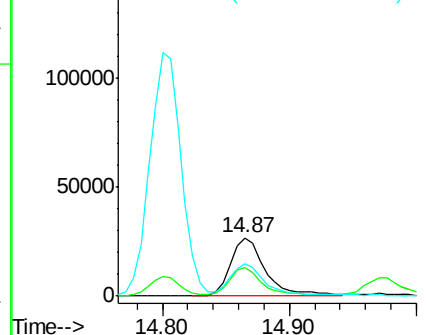
154 55.4 55.2 82.8

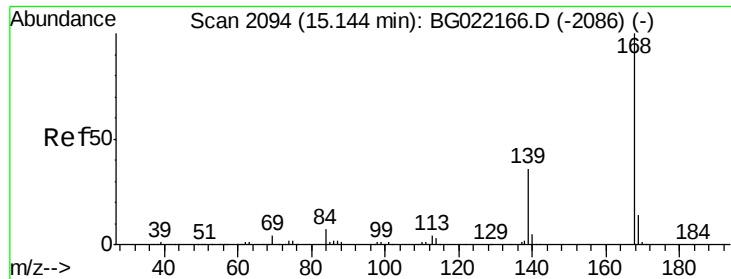


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





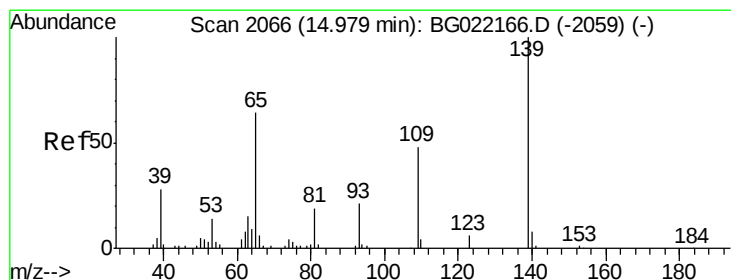
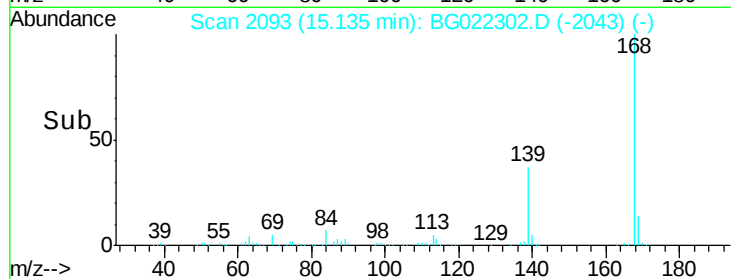
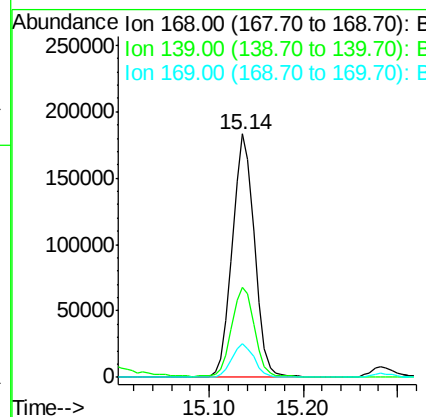
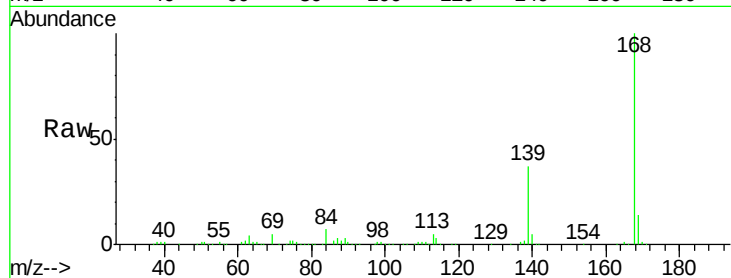
#54
Dibenzofuran
Concen: 41.76 ng
RT: 15.14 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	299894		
139	36.7	31.1	46.7	
169	14.0	11.0	16.6	

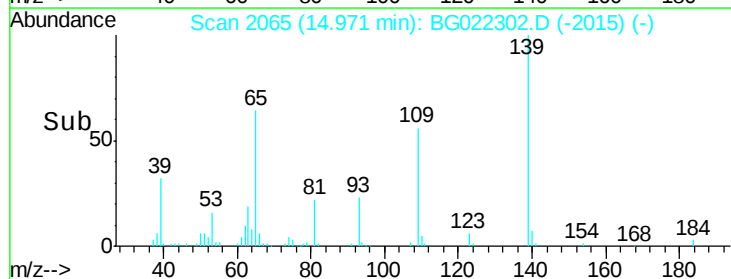
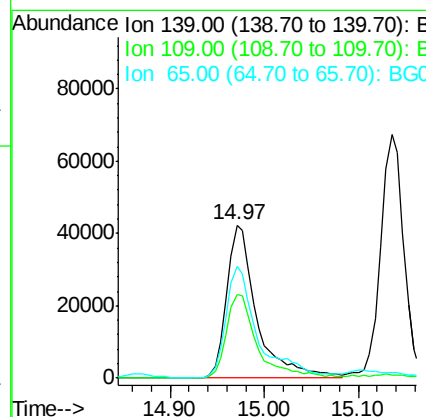
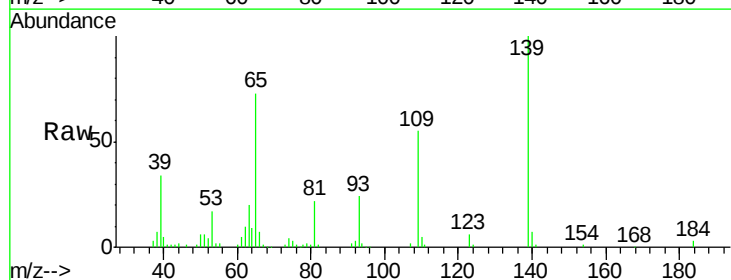
Manual Integrations
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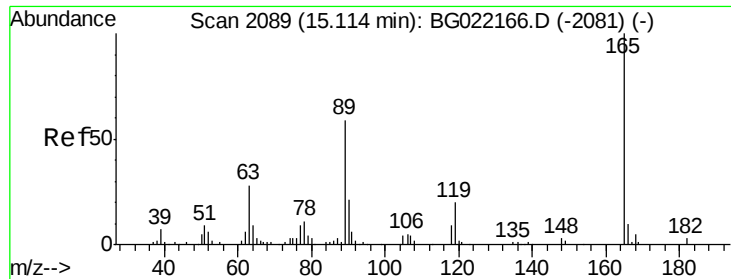
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#55
4-Nitrophenol
Concen: 90.25 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	94482		
109	55.1	49.2	89.2	
65	73.5	83.2	123.2	





#56

2,4-Dinitrotoluene

Concen: 43.34 ng

RT: 15.11 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BG022302.D

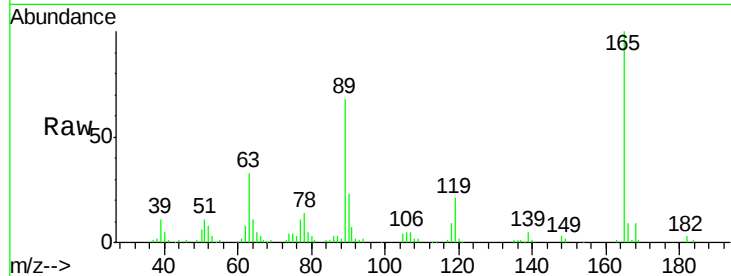
Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

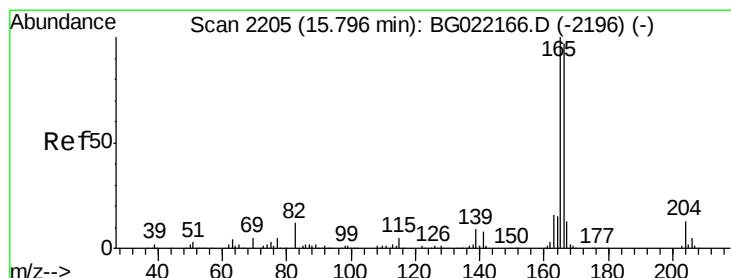
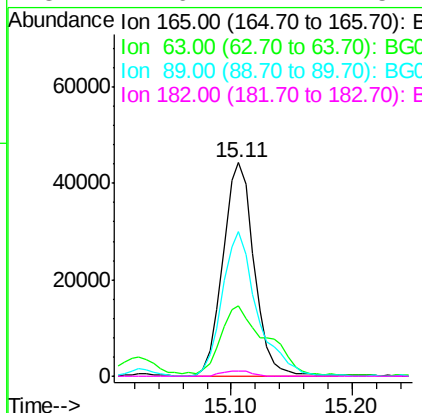
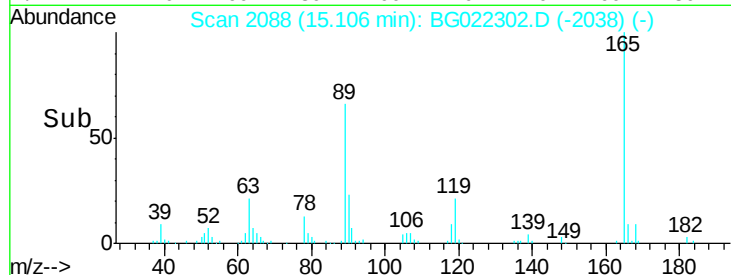
PB91195BS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	79503		
63	32.7		37.4	56.0#
89	67.7		59.4	89.0
182	2.6		2.1	3.1

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#57

Fluorene

Concen: 41.80 ng

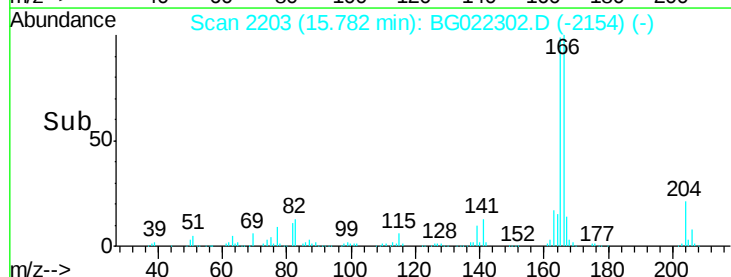
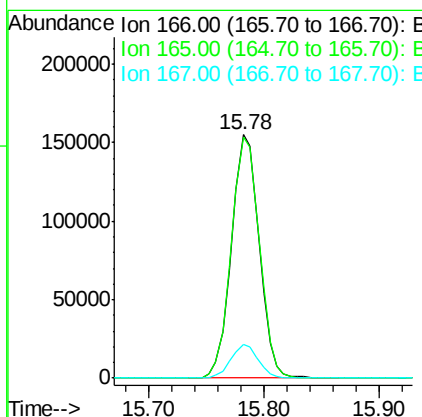
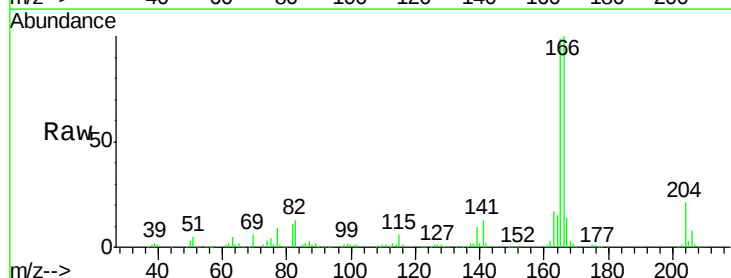
RT: 15.78 min Scan# 2203

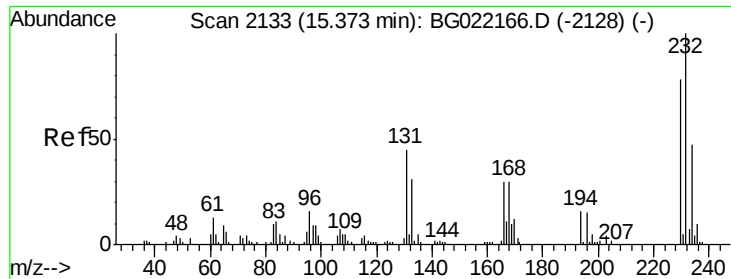
Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	258552		
165	99.0		79.0	118.4
167	13.9		10.7	16.1





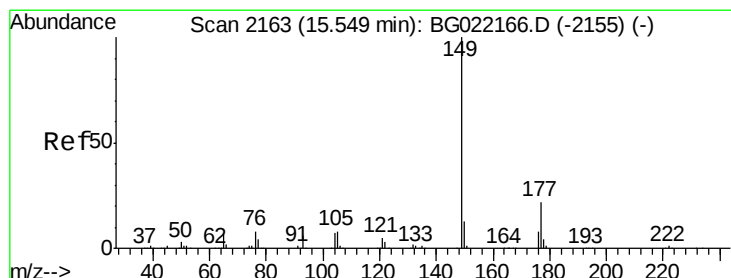
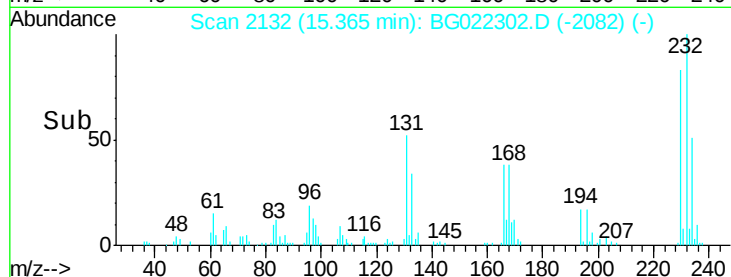
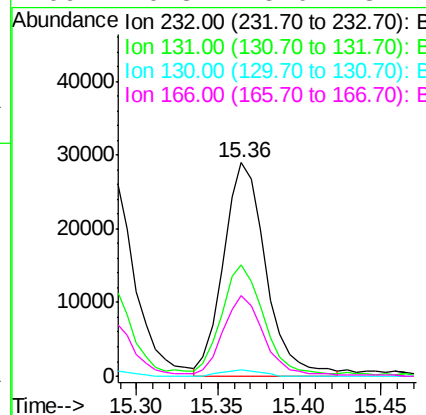
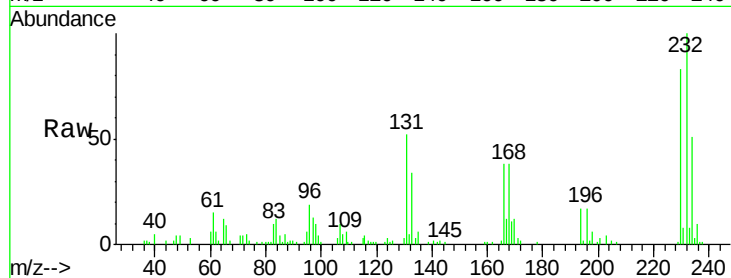
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.41 ng m
 RT: 15.36 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

Tgt Ion:	232	Resp:	52469
Ion Ratio	Lower	Upper	
232	100		
131	43.0	36.3	54.5
130	2.5	1.9	2.9
166	26.3	25.0	37.4

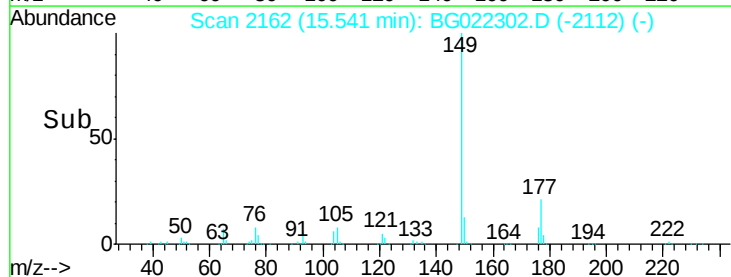
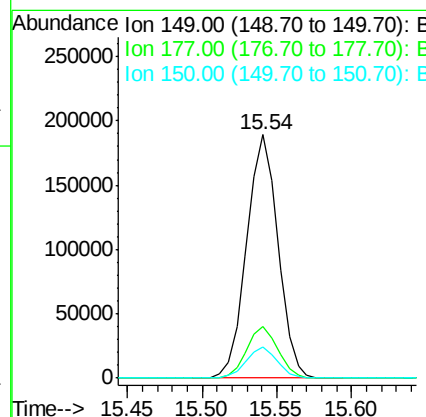
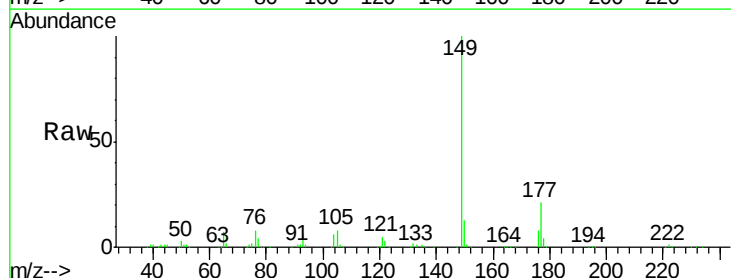
Manual Integrations
 APPROVED

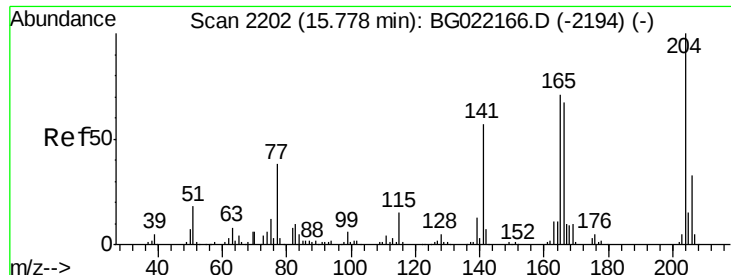
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#59
 Diethylphthalate
 Concen: 40.85 ng
 RT: 15.54 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion:	149	Resp:	274530
Ion Ratio	Lower	Upper	
149	100		
177	21.1	17.3	25.9
150	12.8	9.7	14.5





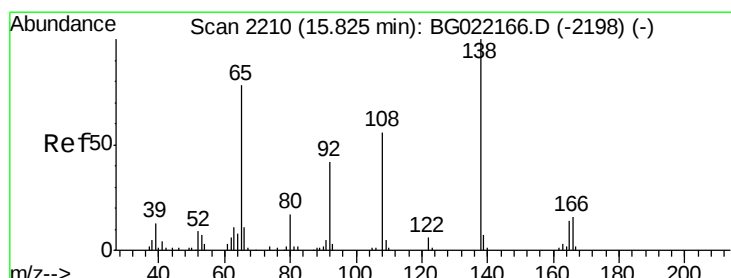
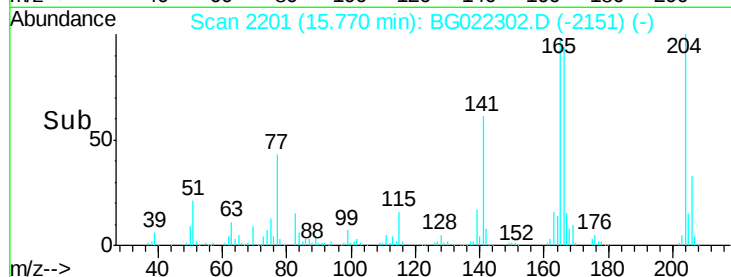
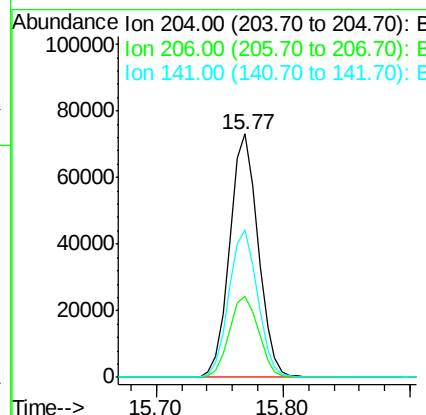
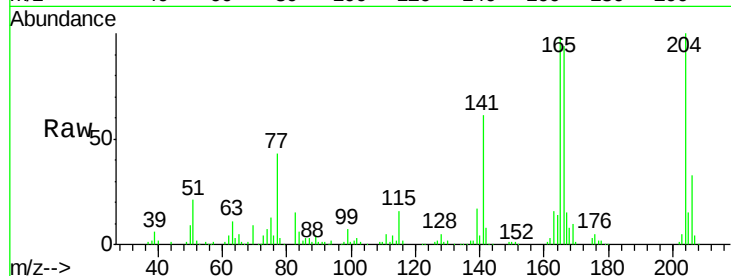
#60
 4-Chlorophenyl-phenylether
 Concen: 40.41 ng
 RT: 15.77 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.8	41.8
141	60.9	51.0	76.4

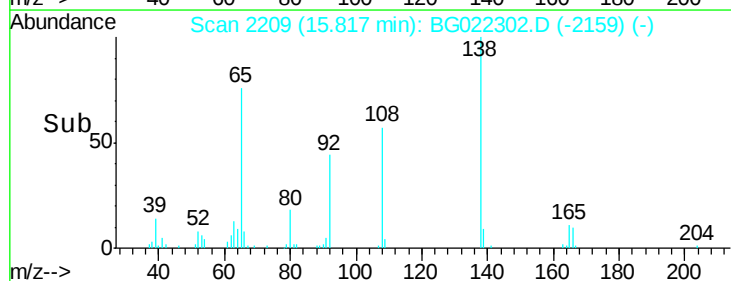
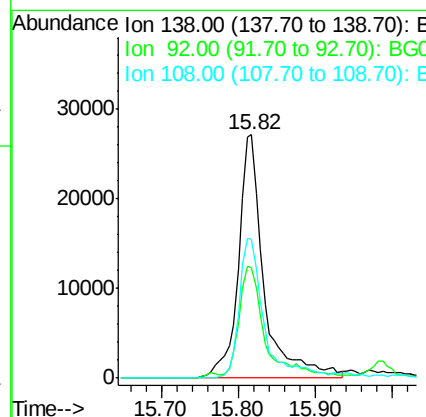
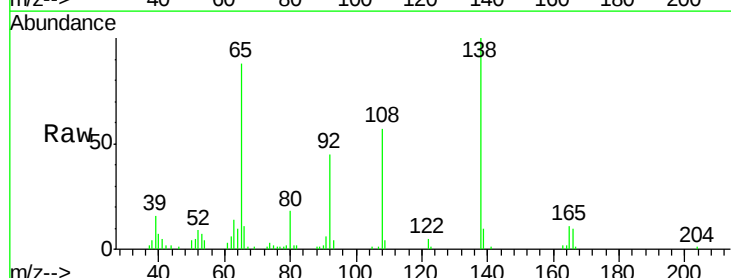
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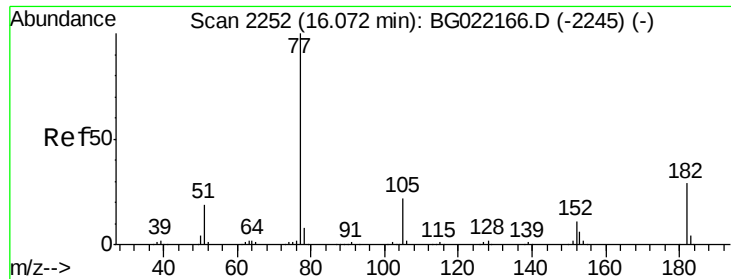
SOHIL
 6/13/2016 7:06:59 PM



#61
 4-Nitroaniline
 Concen: 39.38 ng
 RT: 15.82 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.3	37.7	77.7
108	56.7	59.4	99.4#





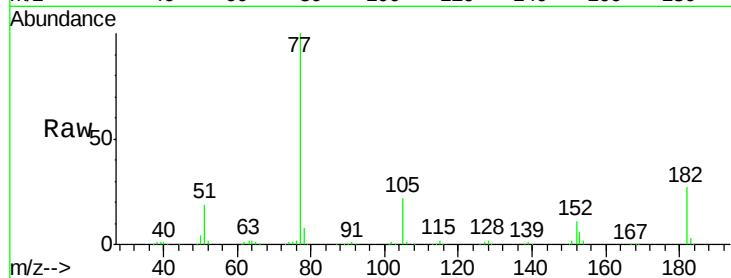
#62
Azobenzene
Concen: 46.47 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

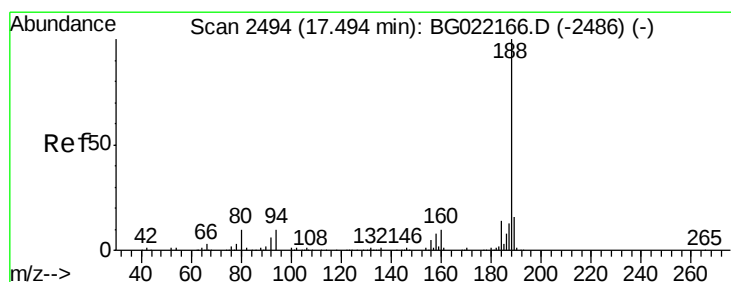
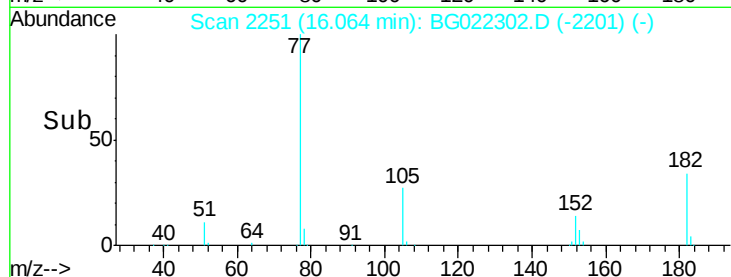
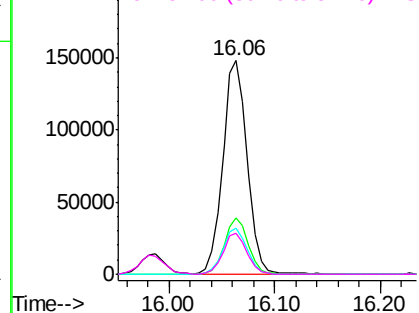
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	236488		
182	26.6	4.1	44.1	
105	21.5	0.0	39.8	
51	19.0	11.1	51.1	

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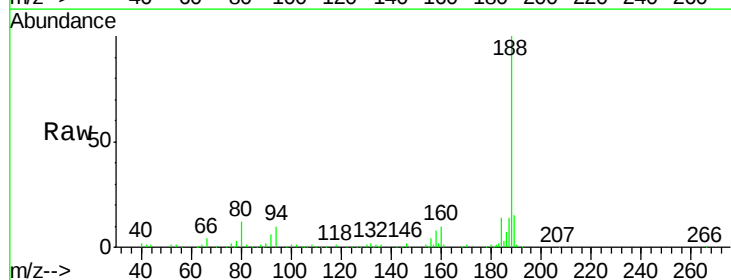


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

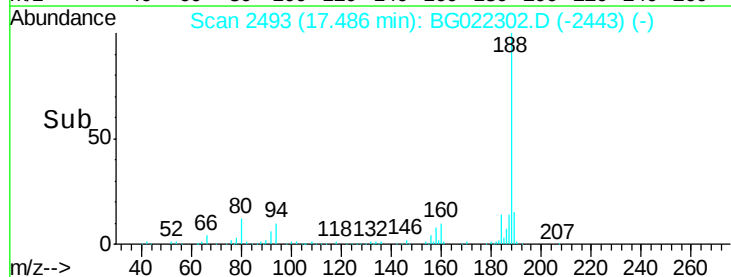
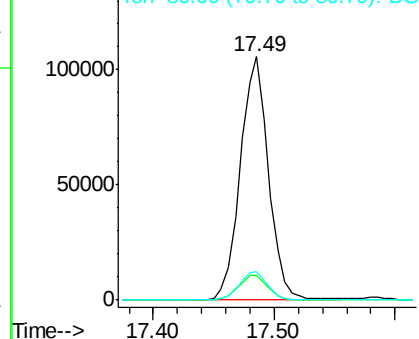


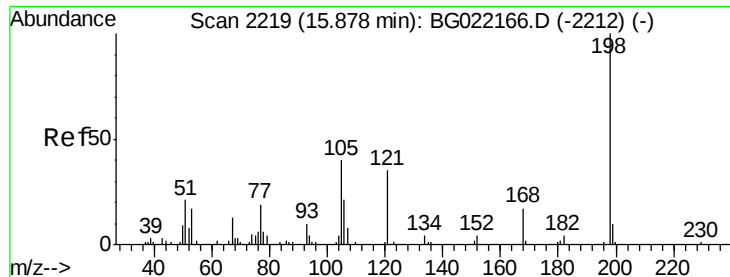
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	172089		
94	10.0	7.5	11.3	
80	11.6	8.6	13.0	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





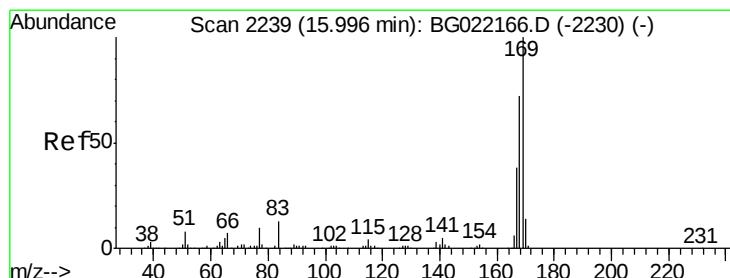
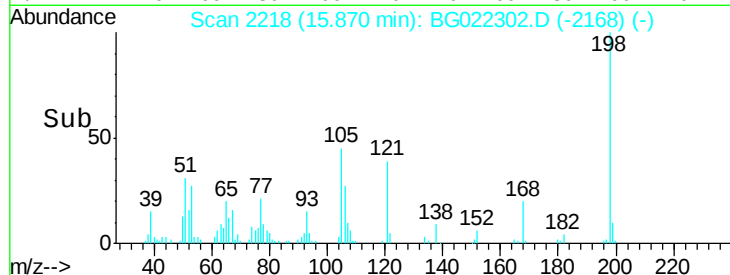
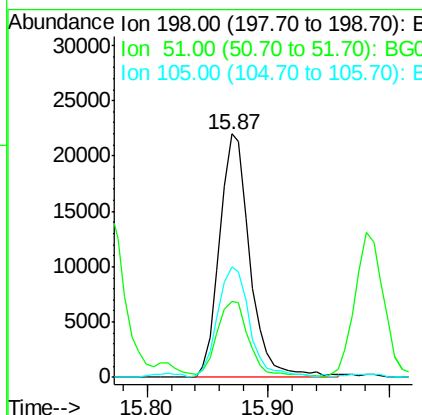
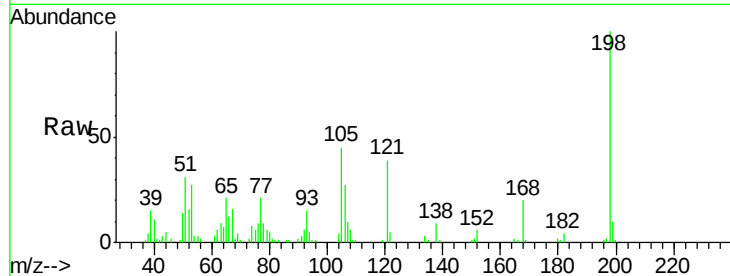
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.41 ng
 RT: 15.87 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	38351		
51	31.0	29.2	69.2	
105	45.2	24.0	64.0	

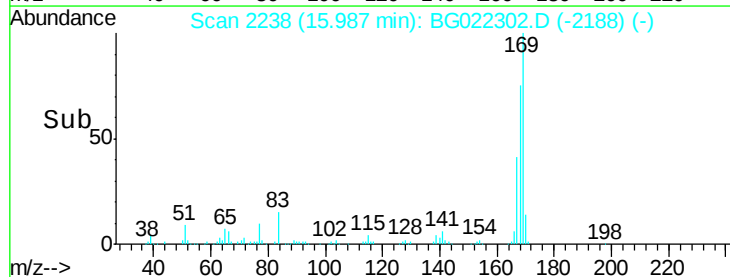
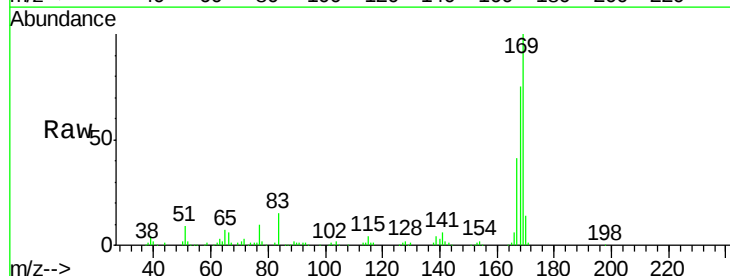
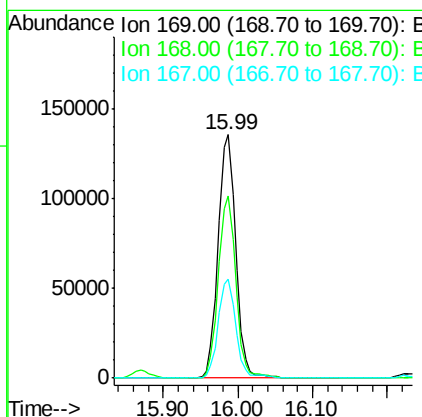
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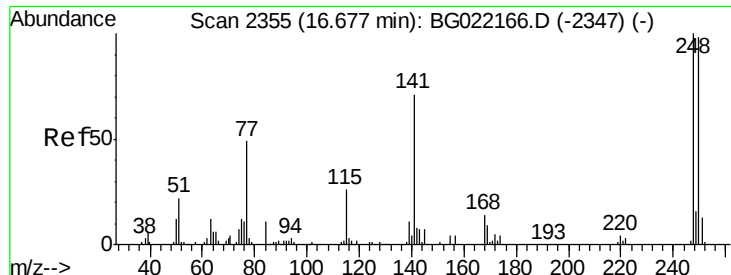
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#65
 n-Nitrosodiphenylamine
 Concen: 45.10 ng
 RT: 15.99 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	223570		
168	75.0	59.6	89.4	
167	40.5	31.2	46.8	





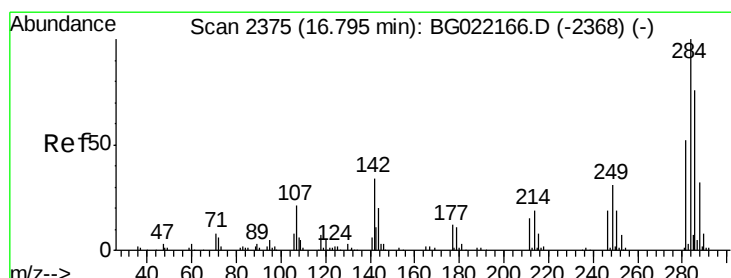
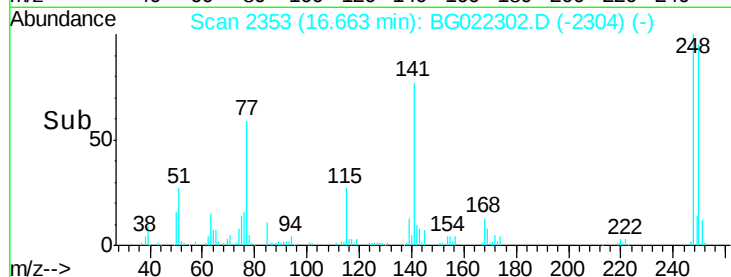
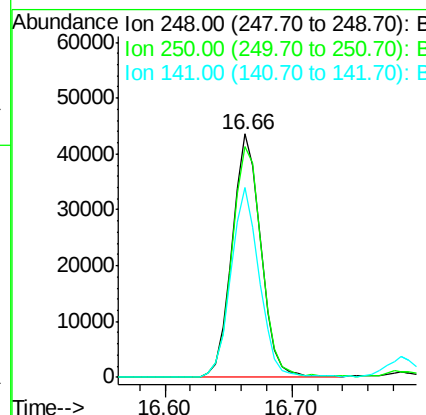
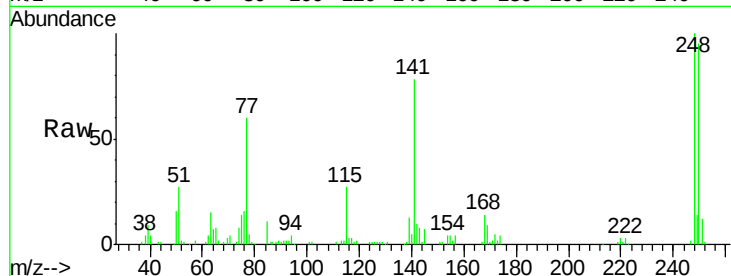
#66
 4-Bromophenyl-phenylether
 Concen: 42.18 ng
 RT: 16.66 min Scan# 2353
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	68011		
250	94.7	76.6	114.8	
141	77.8	63.8	95.6	

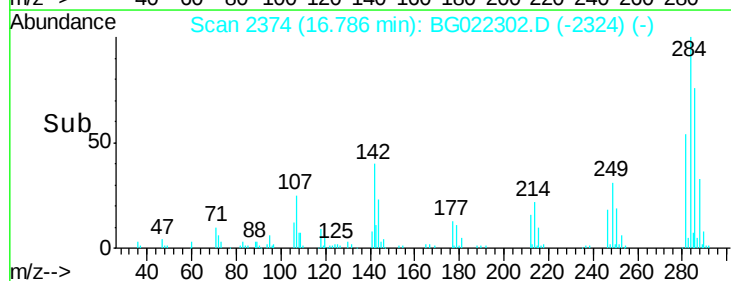
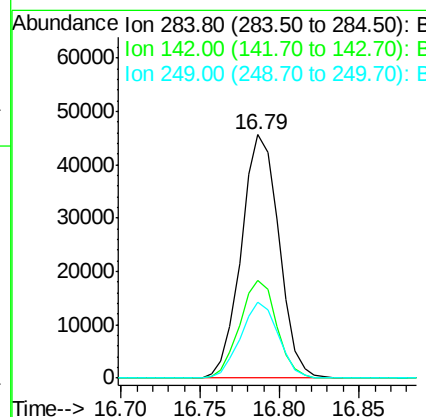
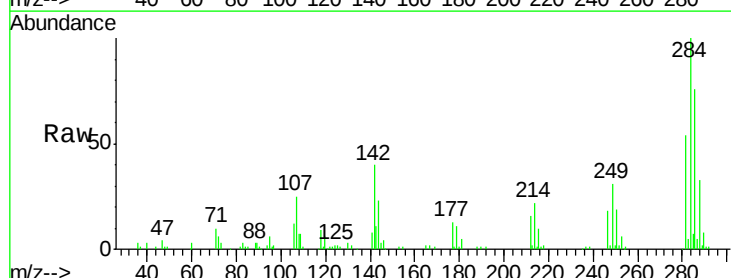
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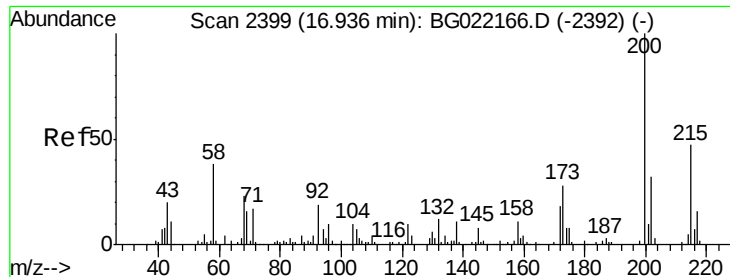
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#67
 Hexachlorobenzene
 Concen: 40.06 ng
 RT: 16.79 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	75280		
142	40.1	31.8	47.6	
249	31.0	27.3	40.9	





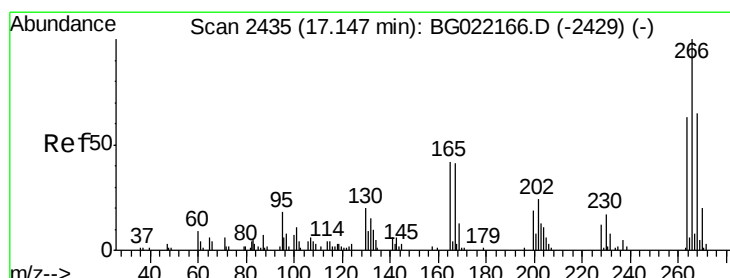
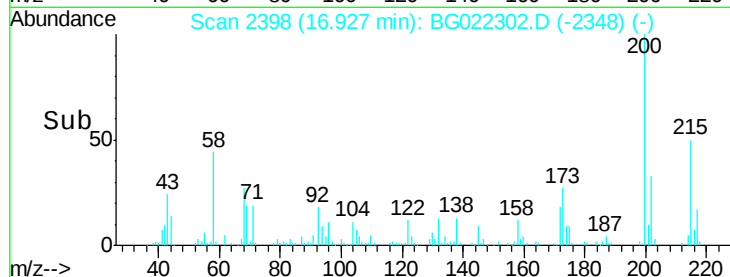
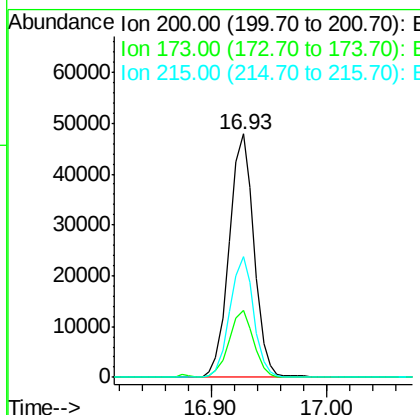
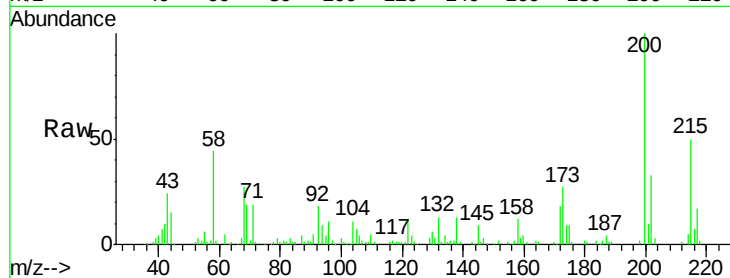
#68
Atrazine
Concen: 38.86 ng
RT: 16.93 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	71309		
173	27.3	5.1	45.1	
215	49.7	28.0	68.0	

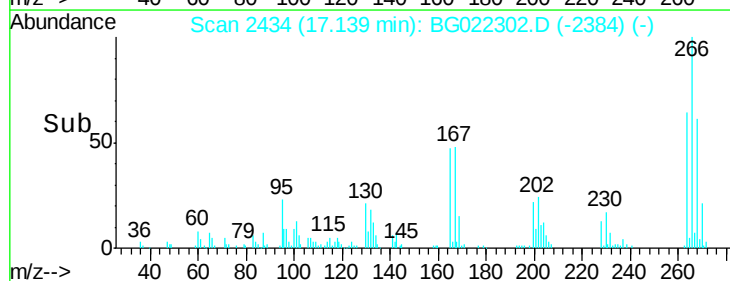
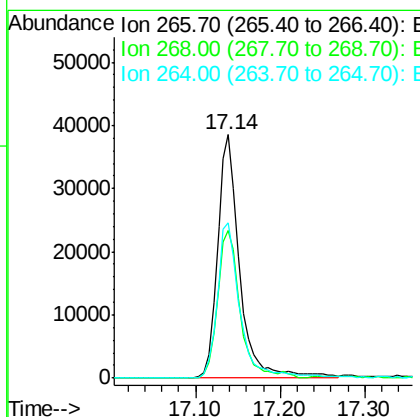
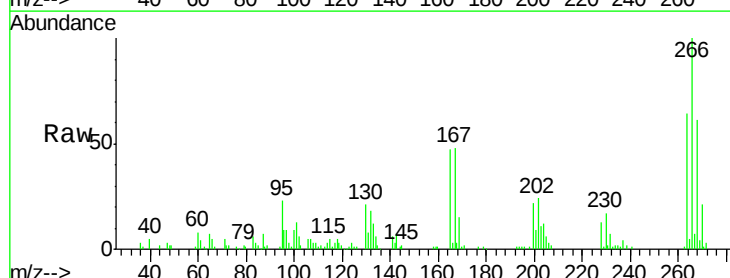
Manual Integrations
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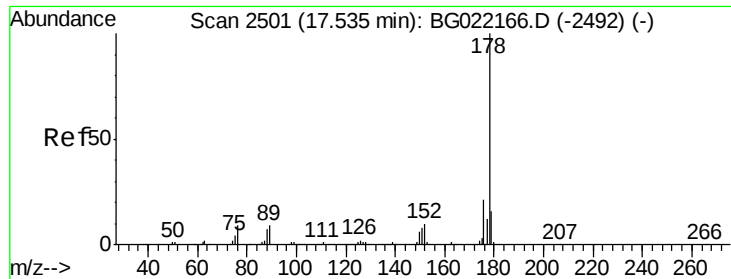
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#69
Pentachlorophenol
Concen: 82.44 ng
RT: 17.14 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	70435		
268	64.4	54.5	81.7	
264	68.8	53.8	80.6	





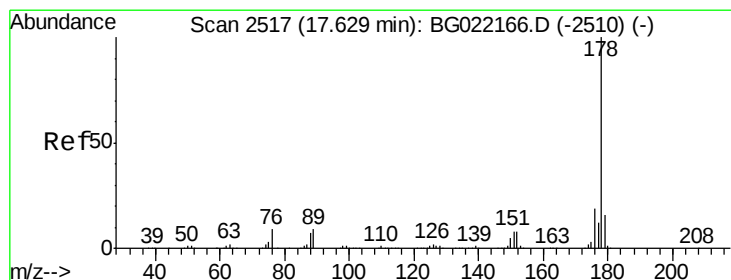
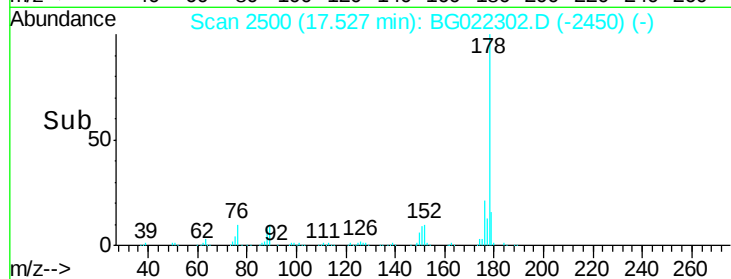
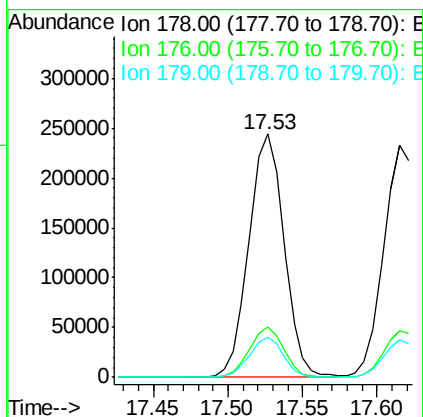
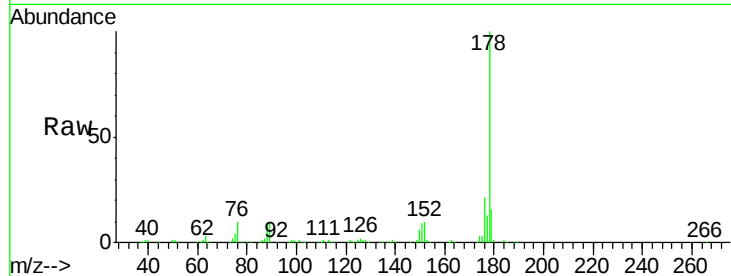
#70
Phenanthrene
Concen: 42.70 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.5	12.0	18.0

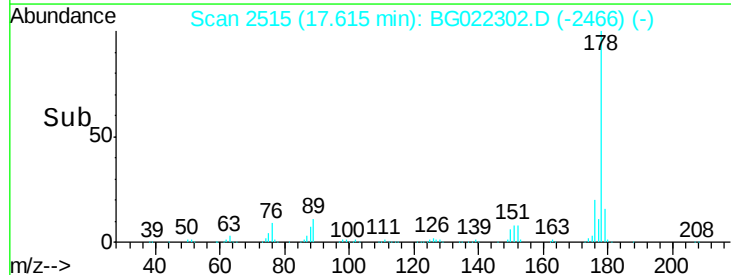
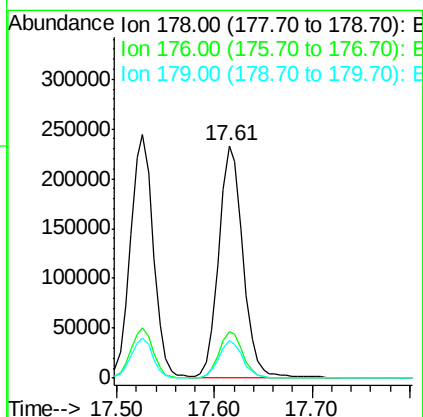
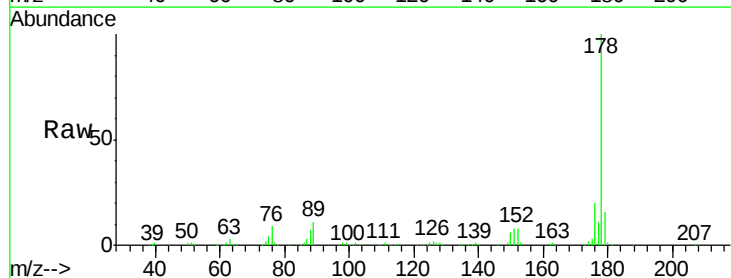
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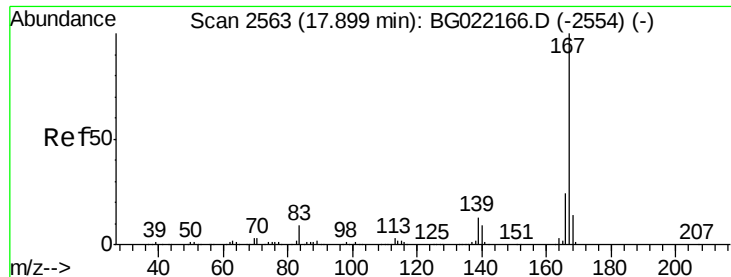
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#71
Anthracene
Concen: 43.19 ng
RT: 17.61 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.0	22.4
179	16.3	12.2	18.4





#72

Carbazole

Concen: 42.85 ng

RT: 17.89 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG022302.D

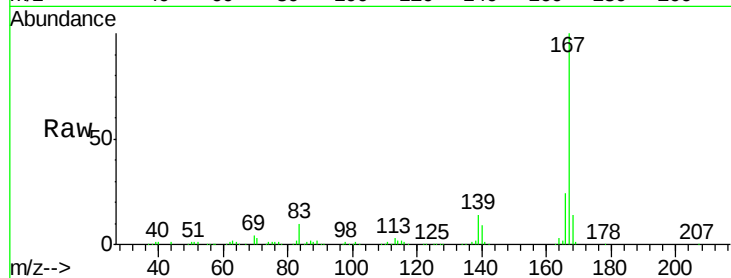
Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

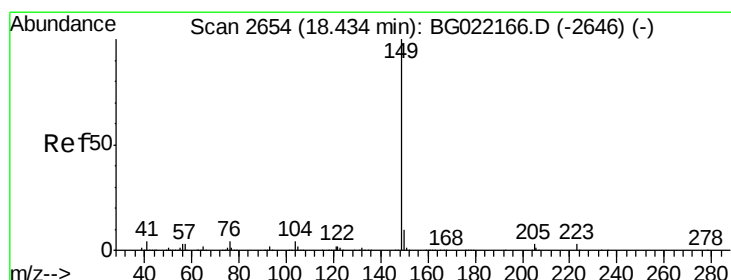
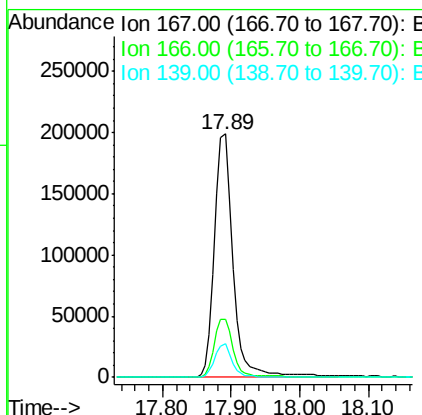
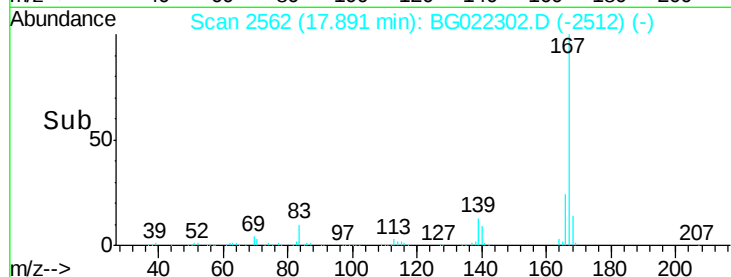
PB91195BS



Tgt Ion:	167	Resp:	376226
Ion Ratio	Lower	Upper	
167	100		
166	24.0	18.6	27.8
139	13.7	10.6	15.8

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#73

Di-n-butylphthalate

Concen: 43.53 ng

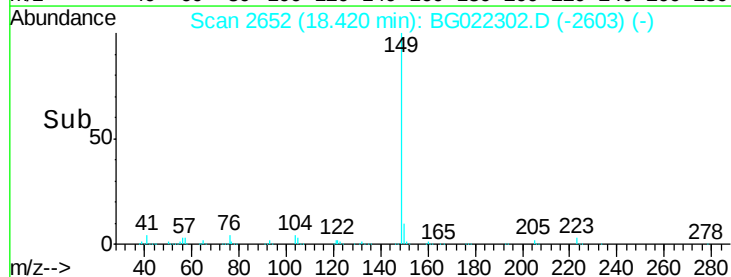
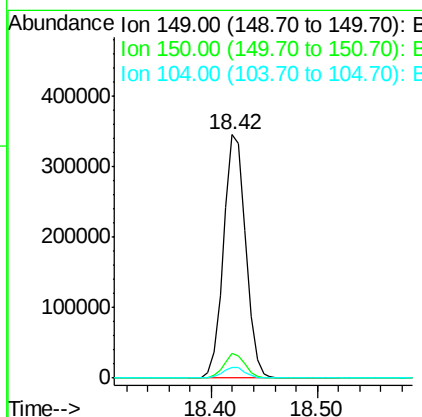
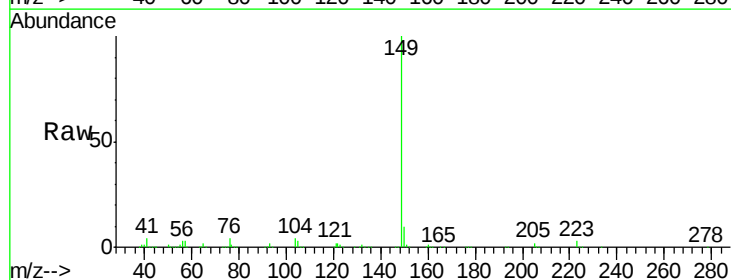
RT: 18.42 min Scan# 2652

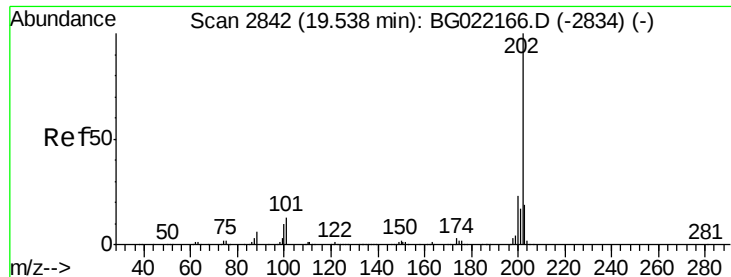
Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:	149	Resp:	499608
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.4	11.0
104	4.4	4.0	6.0





#74

Fluoranthene

Concen: 41.52 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

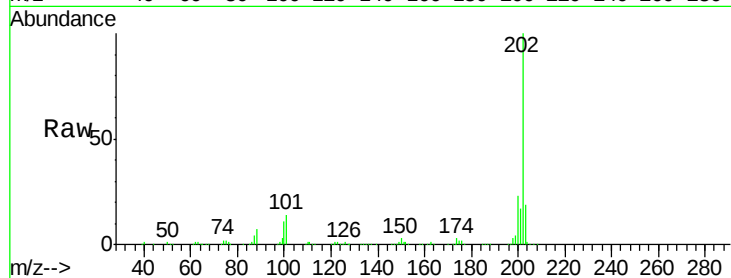
ClientSampleId :

PB91195BS

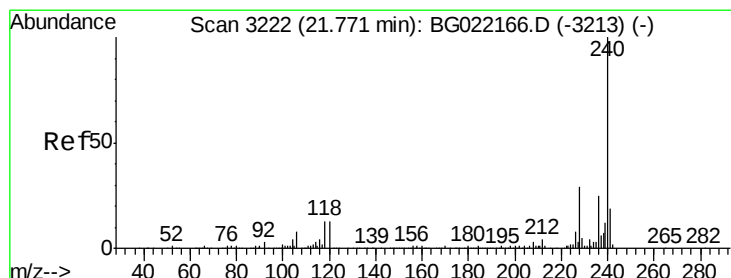
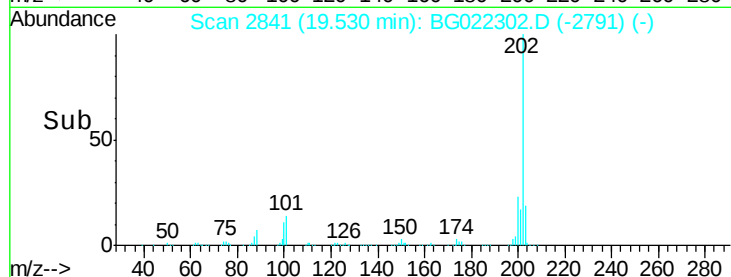
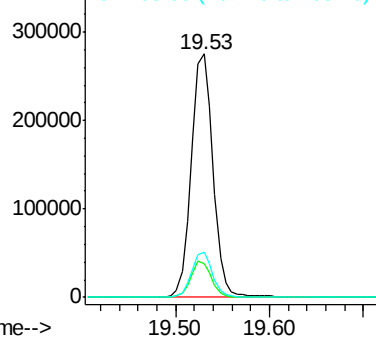
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		446159		
101	14.0	0.0	31.0		
203	18.5	0.0	37.9		

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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

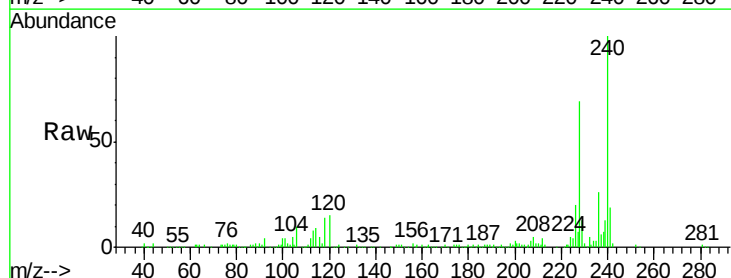
RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

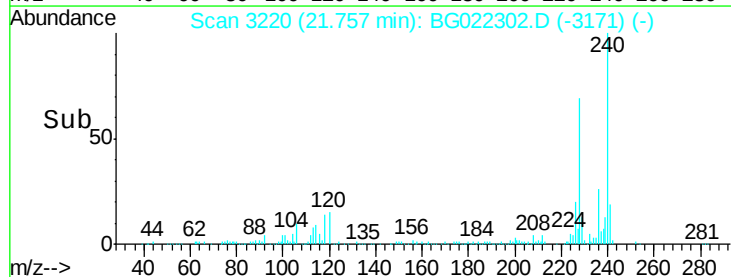
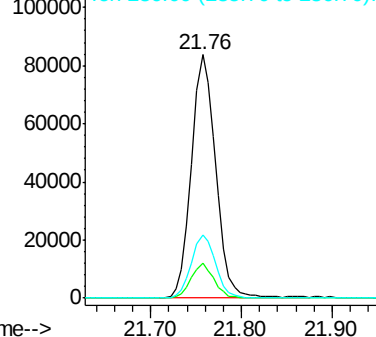
Lab File: BG022302.D

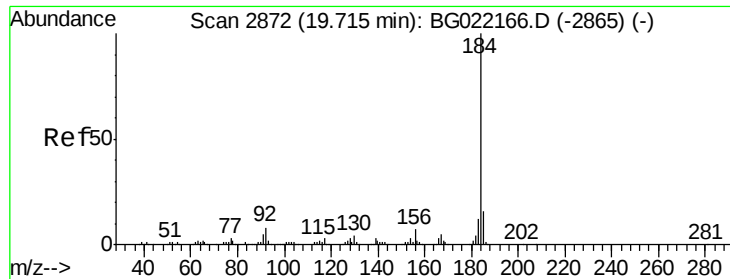
Acq: 11 Jun 2016 00:23

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		156465		
120	14.6	8.4	12.6#		
236	25.9	19.6	29.4		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 41.25 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG022302.D

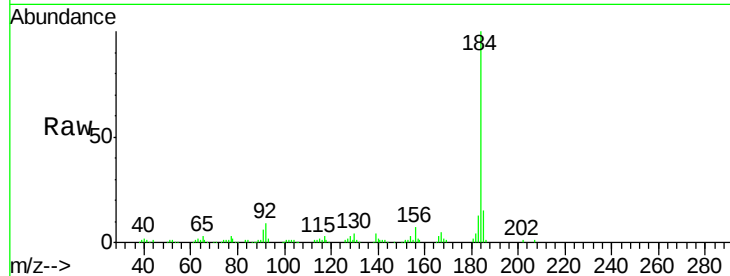
Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

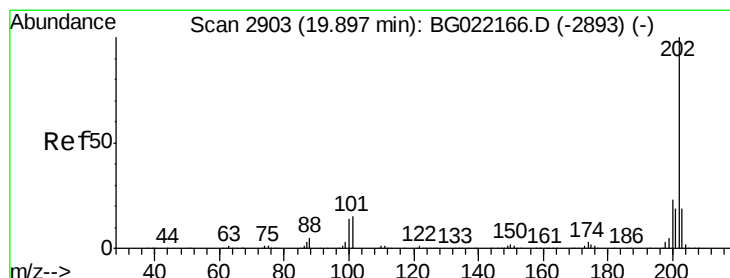
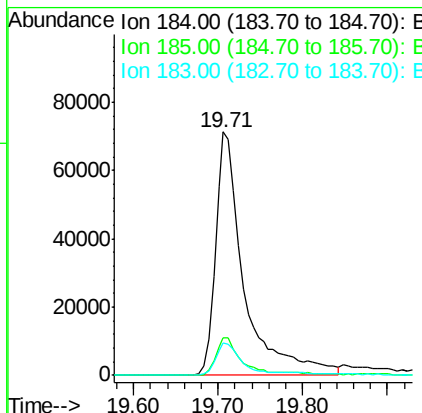
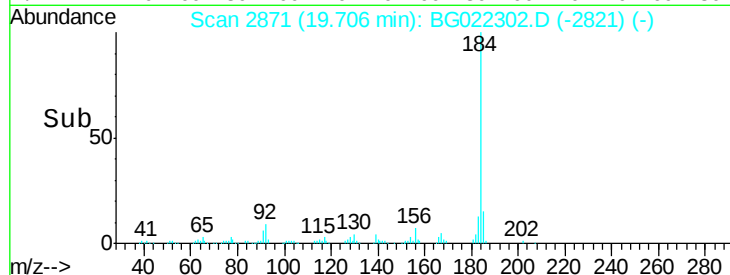
PB91195BS



Tgt Ion:	184	Resp:	168765
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.5	17.3
183	13.3	10.2	15.4

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6/13/2016 7:06:59 PM



#77

Pyrene

Concen: 45.90 ng

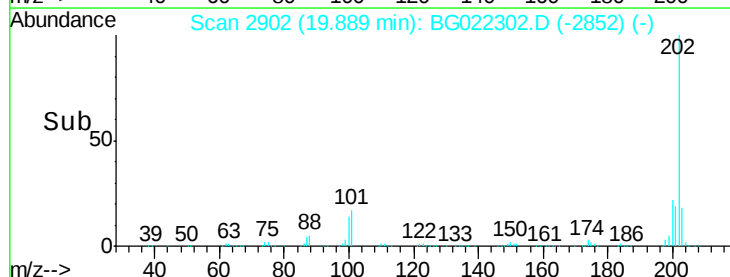
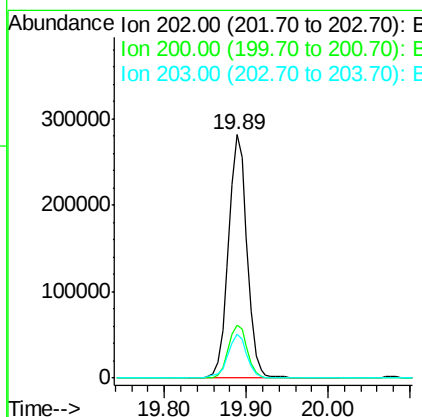
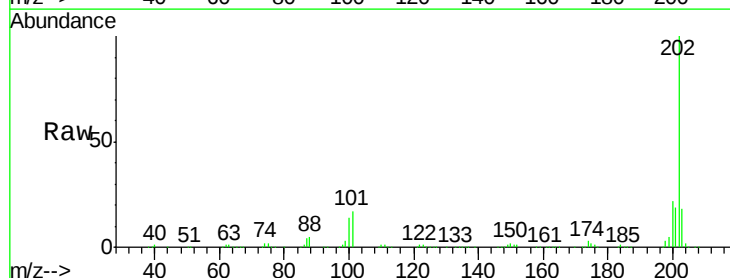
RT: 19.89 min Scan# 2902

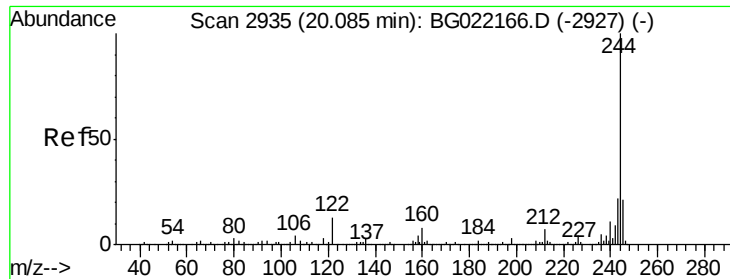
Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:	202	Resp:	446444
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.2	27.2
203	17.9	15.0	22.4





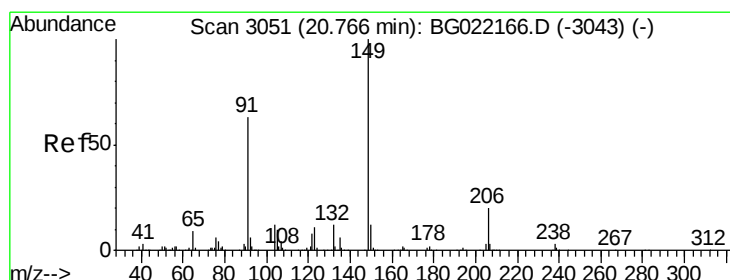
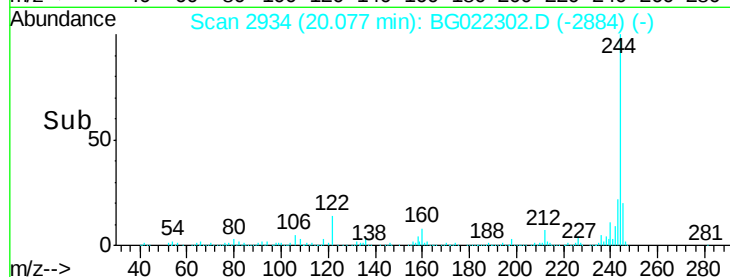
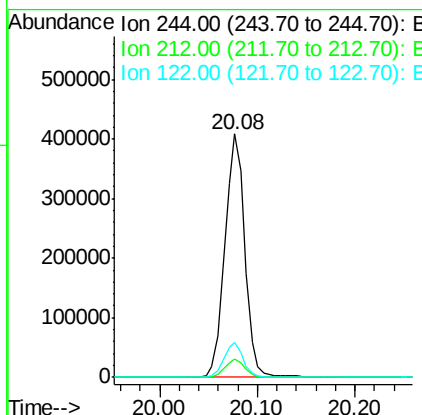
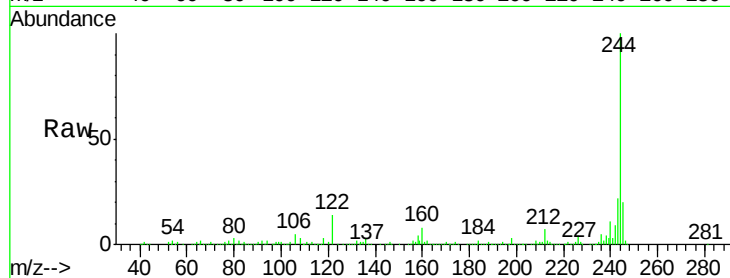
#78
 Terphenyl-d14
 Concen: 87.57 ng
 RT: 20.08 min Scan# 2934
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Instrument :
 BNA_G
 ClientSampled :
 PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	577151		
212	7.5	6.5	9.7	
122	14.2	8.6	12.8	

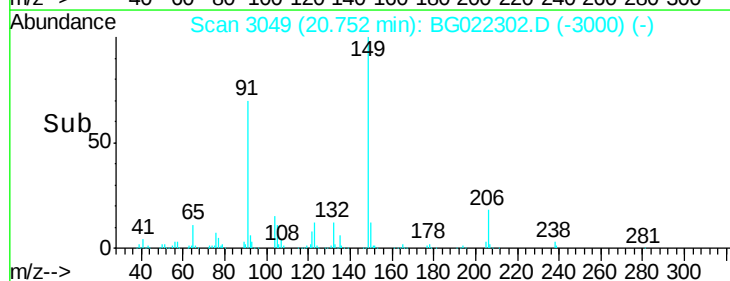
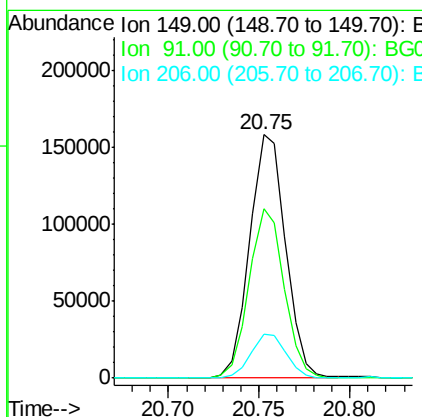
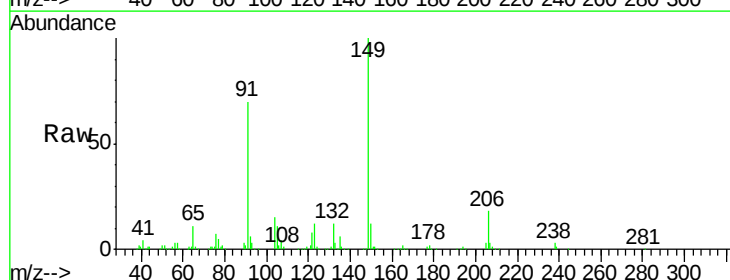
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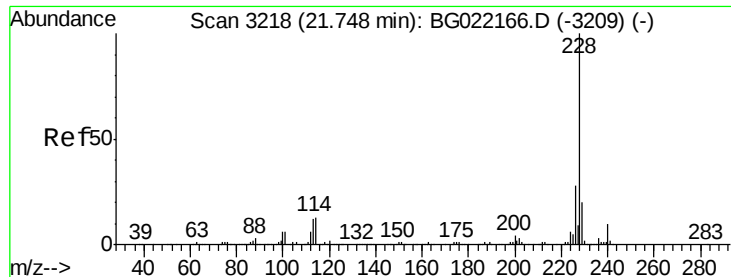
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#79
 Butylbenzylphthalate
 Concen: 48.25 ng
 RT: 20.75 min Scan# 3049
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	217661		
91	69.7	57.8	86.8	
206	18.1	17.0	25.4	





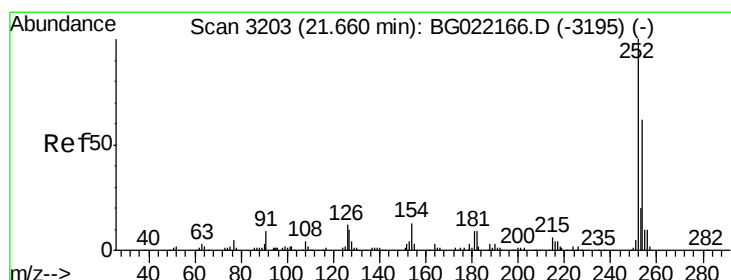
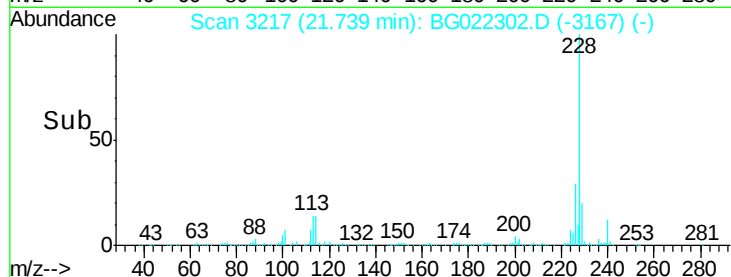
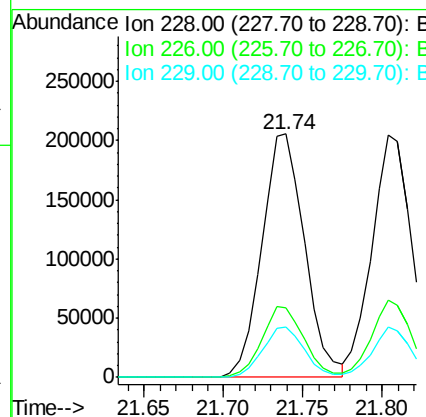
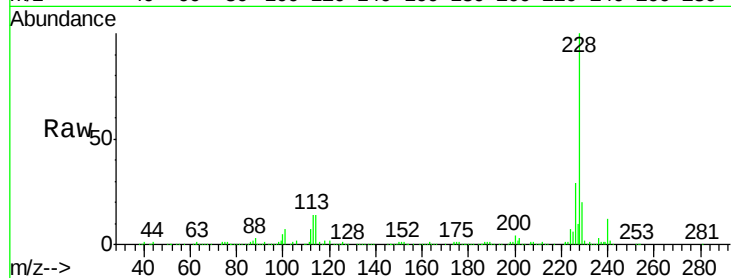
#80
Benzo(a)anthracene
Concen: 43.93 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	385407		
226	28.7		22.6	34.0
229	20.4		16.1	24.1

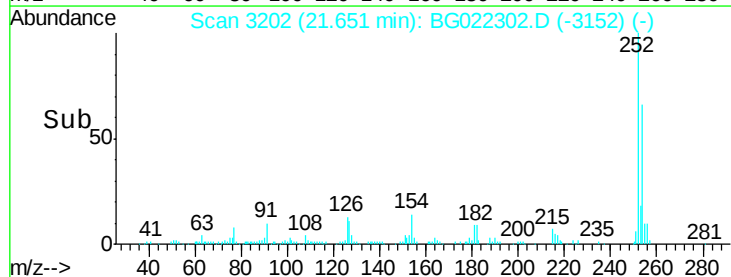
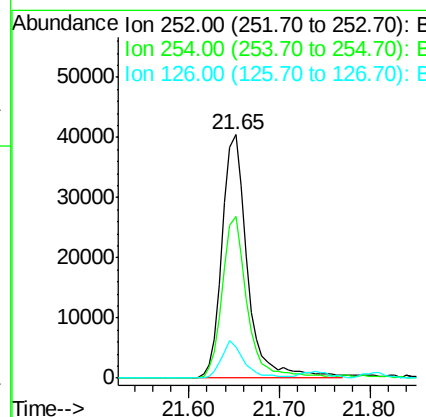
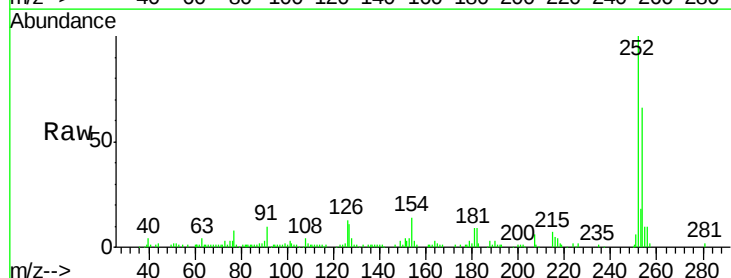
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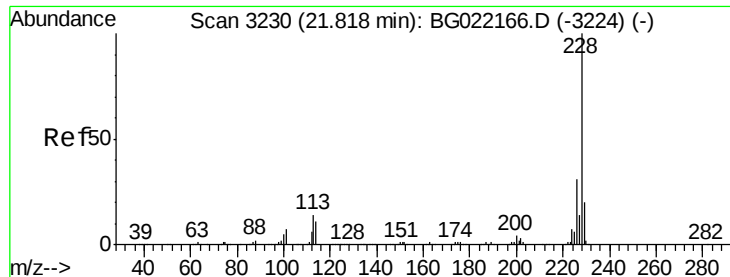
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6/13/2016 7:06:59 PM



#81
3,3'-Dichlorobenzidine
Concen: 31.96 ng
RT: 21.65 min Scan# 3202
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	78717		
254	66.4		51.8	77.6
126	12.9		8.8	13.2





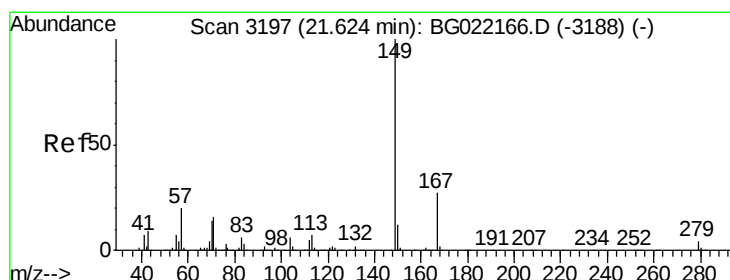
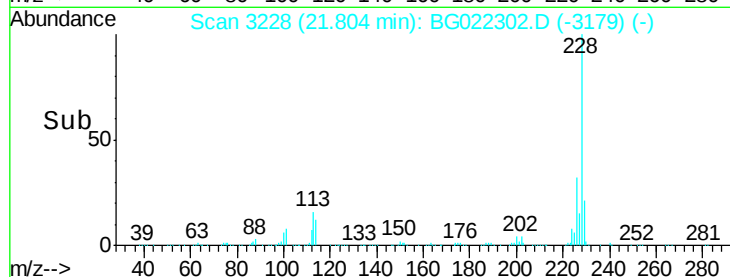
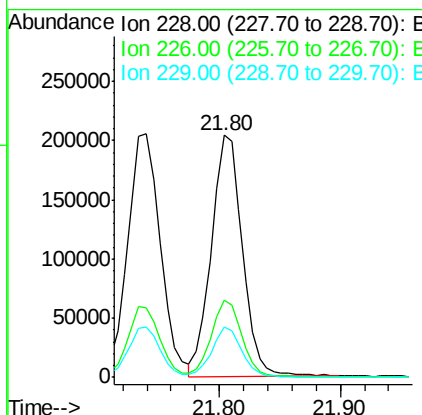
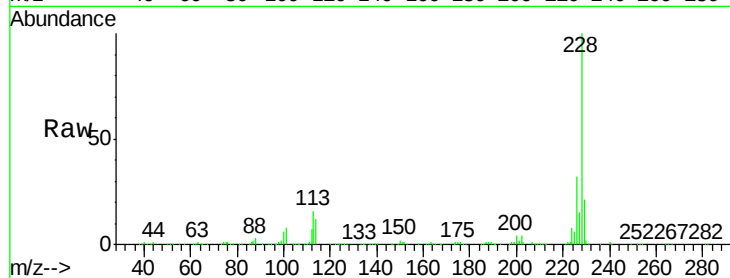
#82
Chrysene
Concen: 41.98 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampled :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	358412		
226	31.9	25.4	38.0	
229	20.8	15.9	23.9	

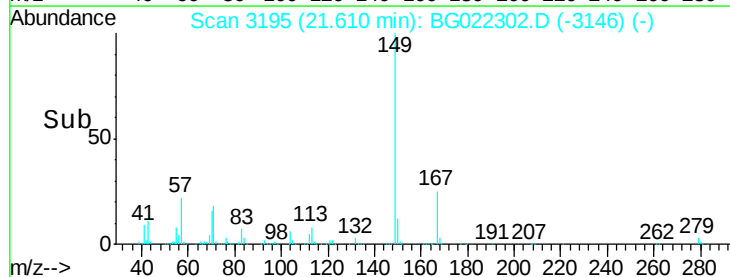
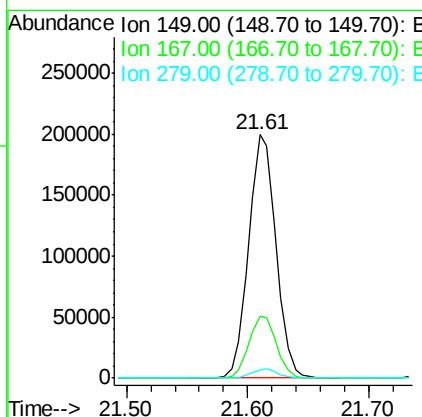
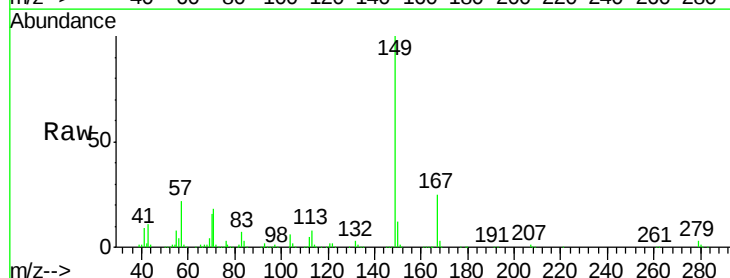
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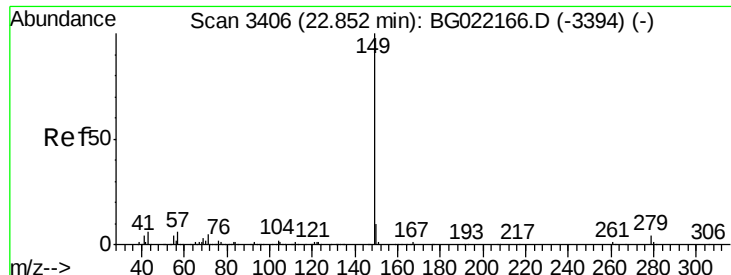
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6/13/2016 7:06:59 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 47.32 ng
RT: 21.61 min Scan# 3195
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	313935		
167	25.5	22.4	33.6	
279	3.3	3.2	4.8	





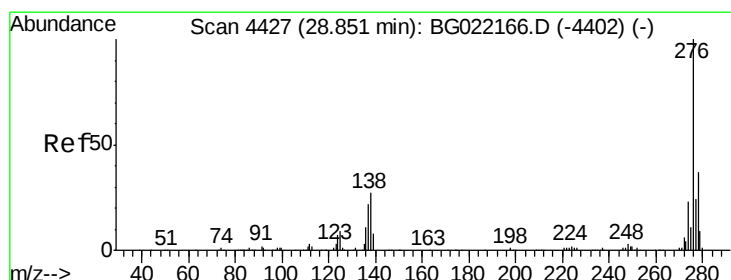
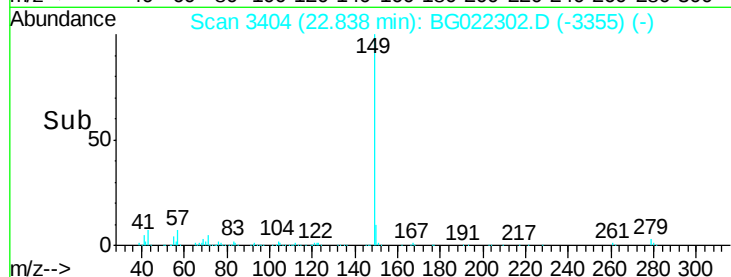
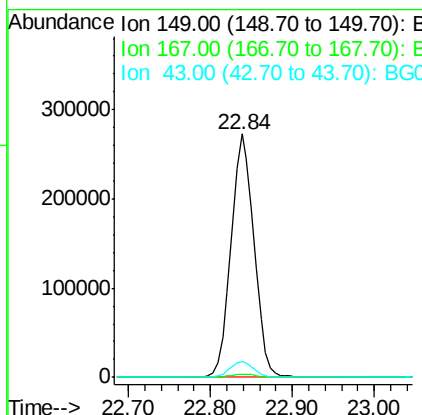
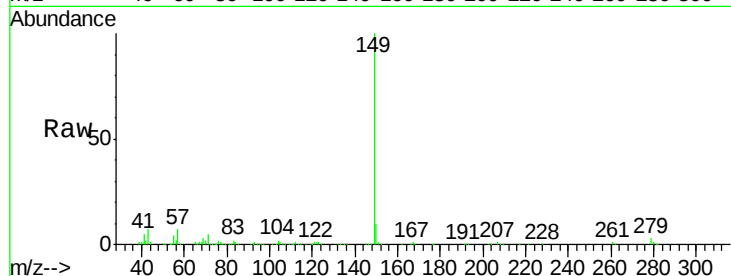
#84
Di-n-octyl phthalate
Concen: 48.35 ng
RT: 22.84 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.3	1.9
43	6.8	9.8	14.6

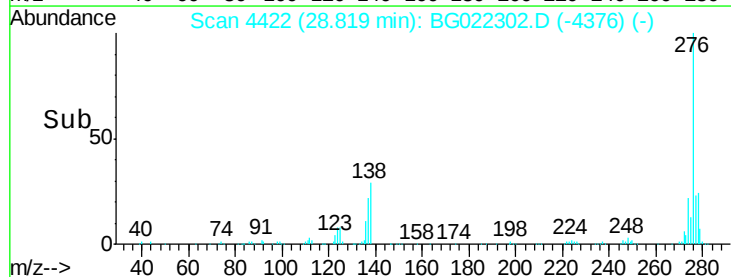
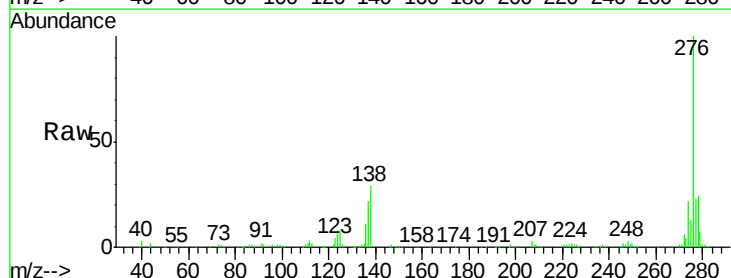
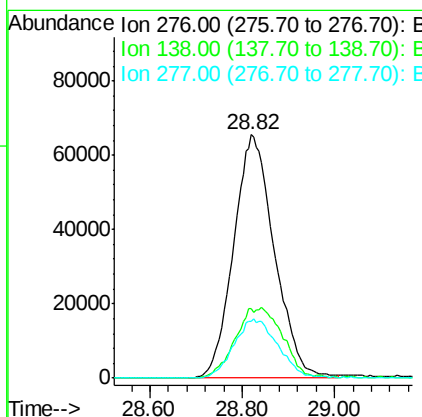
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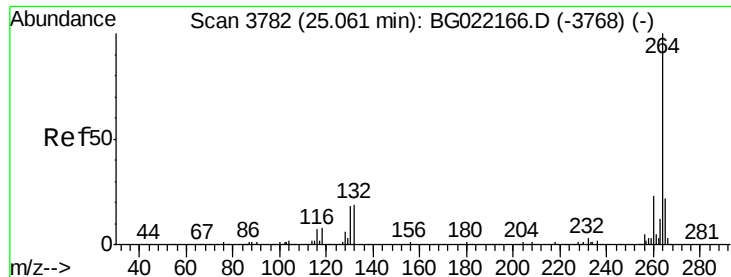
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#85
Indeno(1,2,3-cd)pyrene
Concen: 41.90 ng
RT: 28.82 min Scan# 4422
Delta R.T. -0.03 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.3	14.0	21.0
277	26.1	20.6	30.8





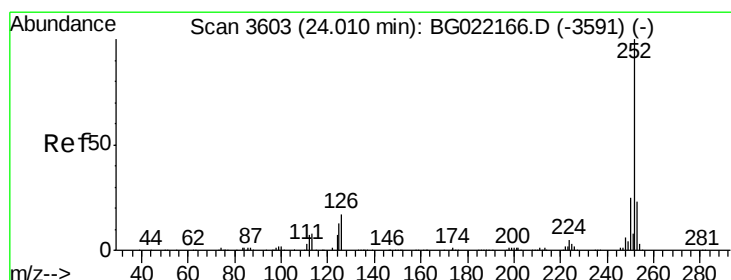
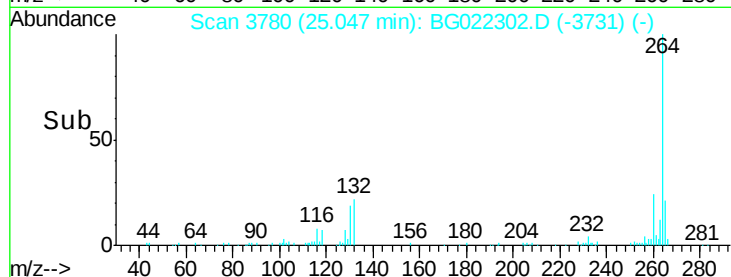
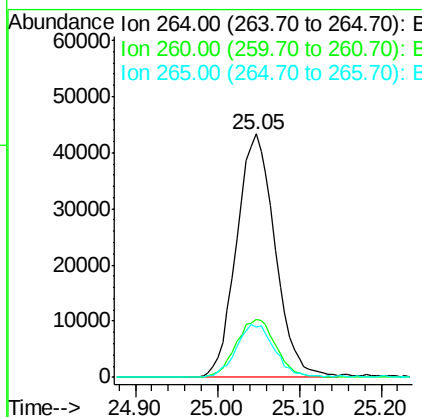
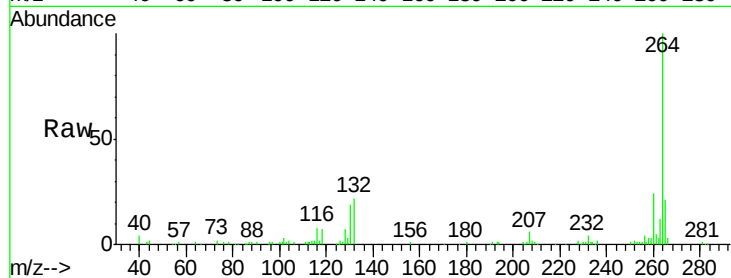
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	20.2	30.4
265	20.5	17.8	26.8

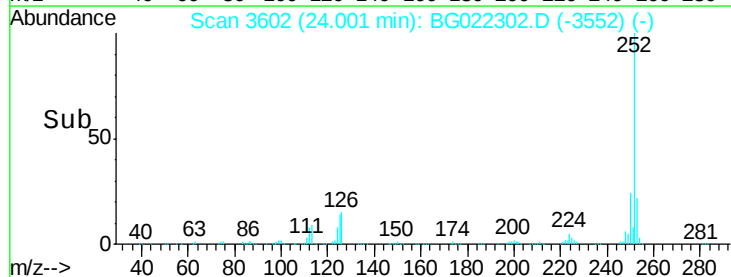
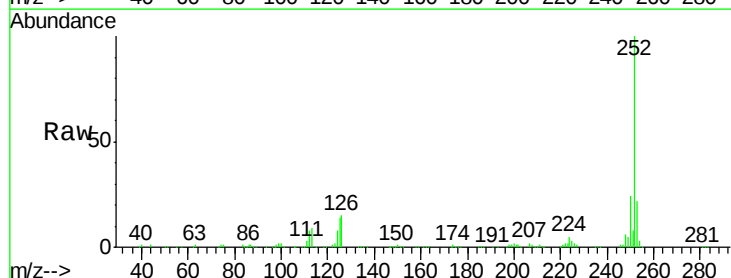
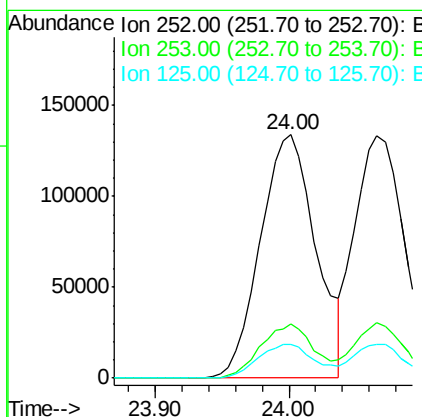
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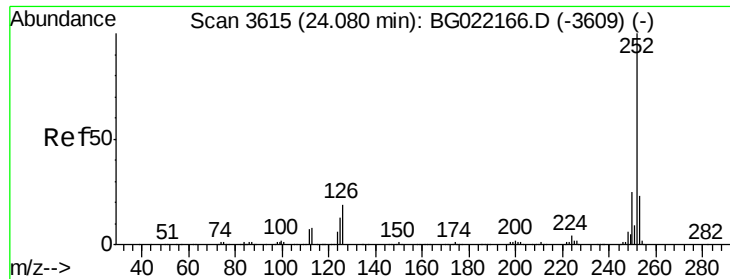
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#87
Benzo(b)fluoranthene
Concen: 46.69 ng
RT: 24.00 min Scan# 3602
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.3	17.5	26.3
125	13.9	8.6	13.0





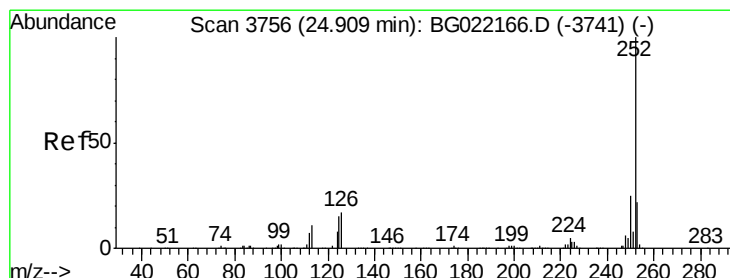
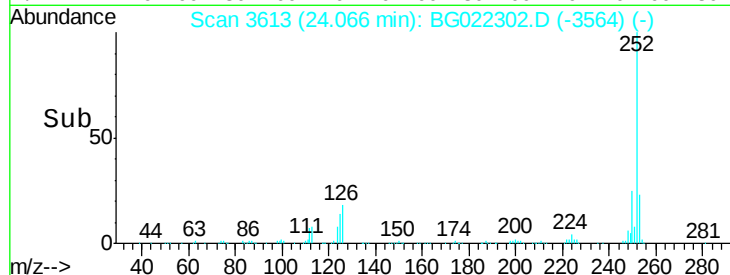
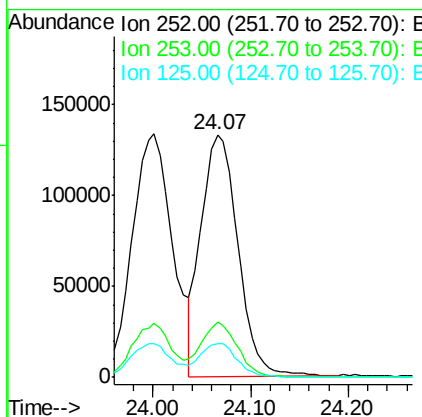
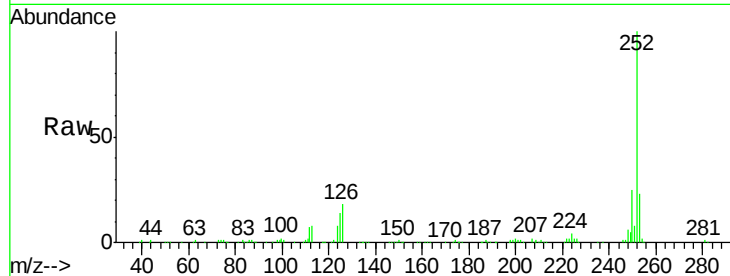
#88
Benzo(k)fluoranthene
Concen: 42.40 ng
RT: 24.07 min Scan# 3613
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	346441		
253	22.6	17.8	26.8	
125	14.1	8.3	12.5#	

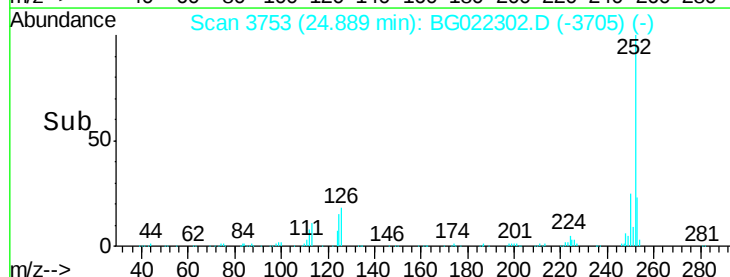
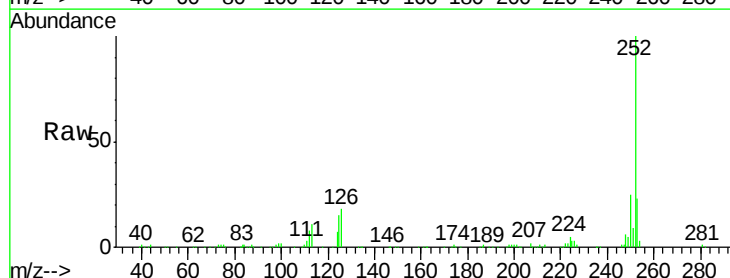
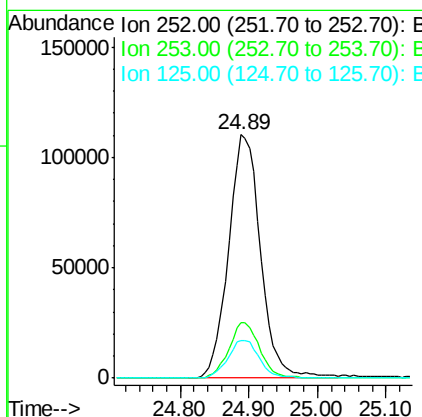
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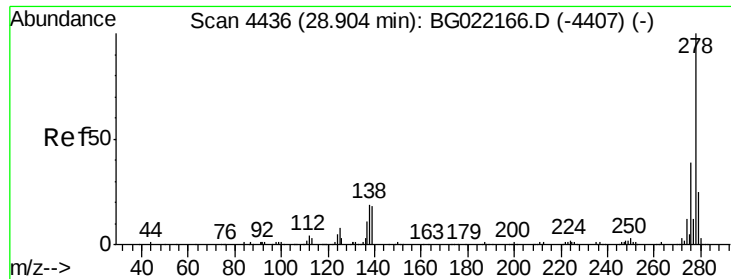
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#89
Benzo(a)pyrene
Concen: 44.90 ng
RT: 24.89 min Scan# 3753
Delta R.T. -0.02 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	356324		
253	22.9	17.1	25.7	
125	15.3	9.6	14.4#	





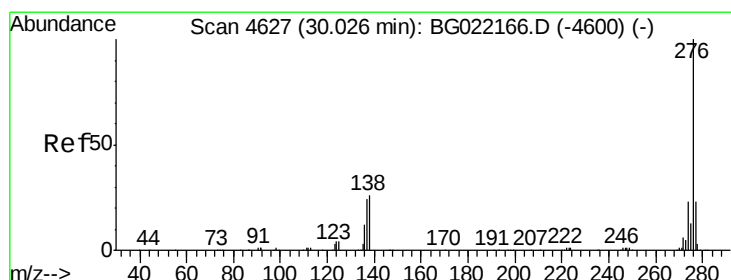
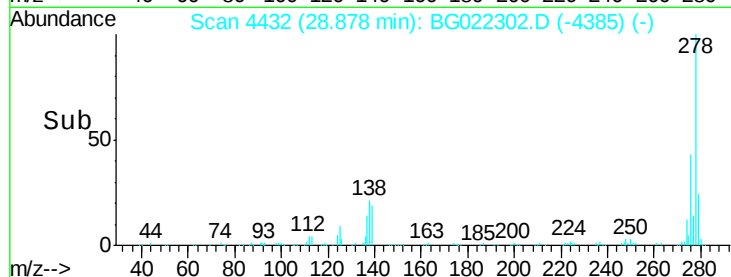
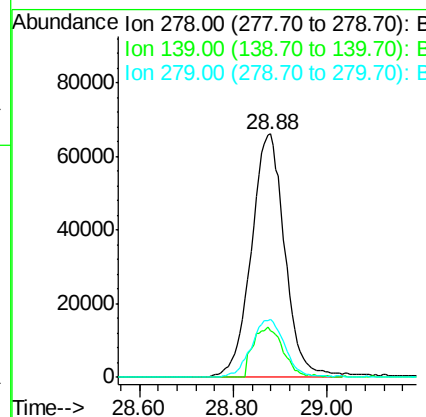
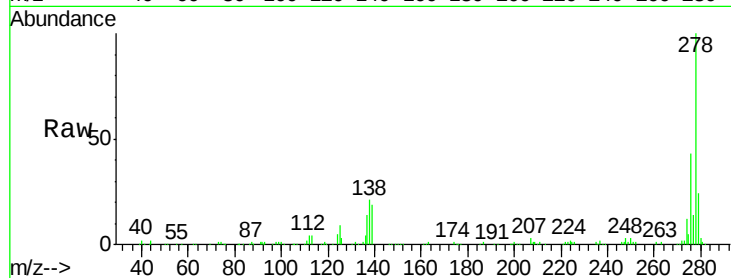
#90
Dibenzo(a,h)anthracene
Concen: 43.79 ng
RT: 28.88 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	11.9	17.9#
279	24.0	18.2	27.2

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 43.16 ng
RT: 29.99 min Scan# 4622
Delta R.T. -0.03 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	29.8	17.4	26.0#

