

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022313.D
 Acq On : 11 Jun 2016 8:36
 Operator : UM/SJ
 Sample : H3449-05MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

Manual Integrations
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 6/13/2016 7:32:19 PM

Quant Time: Jun 12 03:14:32 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	29242	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	144292	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	81370	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	175126	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	156684	20.00	ng	-0.01
86) Perylene-d12	25.05	264	143647	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	235169	155.49	ng	-0.01
7) Phenol-d6	7.27	99	347313	146.06	ng	0.00
23) Nitrobenzene-d5	9.28	82	183671	88.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	103334	112.39	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	414357	77.60	ng	-0.01
78) Terphenyl-d14	20.07	244	497790	75.43	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	23598	32.54	ng	# 72
3) Pyridine	3.91	79	36954	18.86	ng	95
4) n-Nitrosodimethylamine	3.82	42	21291	48.59	ng	# 85
6) Aniline	7.43	93	64204	21.25	ng	# 84
8) 2-Chlorophenol	7.67	128	96501	46.16	ng	82
9) Benzaldehyde	7.25	77	5382	4.11	ng	# 80
10) Phenol	7.29	94	122928	50.14	ng	82
11) bis(2-Chloroethyl)ether	7.52	93	87049	44.53	ng	# 77
12) 1,3-Dichlorobenzene	7.99	146	91682	40.92	ng	# 90
13) 1,4-Dichlorobenzene	8.14	146	93491	41.88	ng	94
14) 1,2-Dichlorobenzene	8.46	146	93447	41.52	ng	93
15) Benzyl Alcohol	8.35	79	67982	44.25	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	92905	45.81	ng	86
17) 2-Methylphenol	8.56	107	85701	46.84	ng	# 87
18) Hexachloroethane	9.19	117	34986	42.92	ng	# 81
19) n-Nitroso-di-n-propylamine	8.91	70	67448	41.90	ng	# 70
20) 3+4-Methylphenols	8.88	107	115339	43.95	ng	95
22) Acetophenone	8.93	105	133772	43.02	ng	# 82
24) Nitrobenzene	9.32	77	97571	46.88	ng	# 88
25) Isophorone	9.84	82	194780	40.23	ng	# 95
26) 2-Nitrophenol	10.03	139	52996	46.96	ng	# 77
27) 2,4-Dimethylphenol	10.09	122	93725	45.88	ng	88
28) bis(2-Chloroethoxy)methane	10.32	93	119563	43.10	ng	95
29) 2,4-Dichlorophenol	10.58	162	88535	46.79	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	89155	42.16	ng	91
31) Naphthalene	10.98	128	307023	42.63	ng	# 95
32) Benzoic acid	10.23	122	33321	47.65	ng	91
33) 4-Chloroaniline	11.09	127	28247	9.43	ng	# 88
34) Hexachlorobutadiene	11.25	225	45784	40.33	ng	96
35) Caprolactam	11.86	113	34714m	33.44	ng	
36) 4-Chloro-3-methylphenol	12.21	107	100738	44.91	ng	92
37) 2-Methylnaphthalene	12.58	142	216112	40.64	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	89042	42.51	ng	97
40) Hexachlorocyclopentadiene	12.91	237	70255	66.70	ng	97

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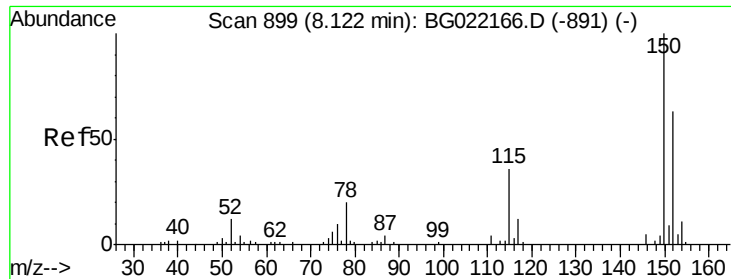
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	65723	46.77	ng	97
43) 2,4,5-Trichlorophenol	13.26	196	70220	45.23	ng	95
45) 1,1'-Biphenyl	13.57	154	271845	44.39	ng	95
46) 2-Chloronaphthalene	13.62	162	210750	44.90	ng	98
47) 2-Nitroaniline	13.83	65	52753	47.13	ng	# 57
48) Acenaphthylene	14.46	152	357168	43.36	ng	96
49) Dimethylphthalate	14.19	163	340481	50.47	ng	100
50) 2,6-Dinitrotoluene	14.31	165	62152	42.38	ng	# 81
51) Acenaphthene	14.80	154	210090	42.58	ng	96
52) 3-Nitroaniline	14.65	138	38620	23.74	ng	# 86
53) 2,4-Dinitrophenol	14.87	184	48032	80.17	ng	# 71
54) Dibenzofuran	15.14	168	321183	41.71	ng	99
55) 4-Nitrophenol	14.97	139	99874	88.96	ng	# 72
56) 2,4-Dinitrotoluene	15.10	165	85115	43.26	ng	# 85
57) Fluorene	15.78	166	271388	40.91	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	56634	40.67	ng	92
59) Diethylphthalate	15.54	149	287155	39.84	ng	99
60) 4-Chlorophenyl-phenylether	15.77	204	121573	40.47	ng	97
61) 4-Nitroaniline	15.81	138	65088	37.73	ng	82
62) Azobenzene	16.06	77	244696	44.83	ng	88
64) 4,6-Dinitro-2-methylphenol	15.87	198	39812	45.20	ng	83
65) n-Nitrosodiphenylamine	15.98	169	227864	45.17	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	68169	41.54	ng	98
67) Hexachlorobenzene	16.79	284	76603	40.05	ng	99
68) Atrazine	16.92	200	75161	40.25	ng	97
69) Pentachlorophenol	17.14	266	74788	85.73	ng	99
70) Phenanthrene	17.53	178	404899	42.57	ng	98
71) Anthracene	17.62	178	397944	42.18	ng	97
72) Carbazole	17.89	167	380395	42.58	ng	98
73) Di-n-butylphthalate	18.42	149	488823	41.85	ng	99
74) Fluoranthene	19.53	202	435083	39.79	ng	97
76) Benzidine	19.71	184	22885	5.59	ng	# 93
77) Pyrene	19.89	202	435397	44.70	ng	99
79) Butylbenzylphthalate	20.75	149	216462	47.92	ng	94
80) Benzo(a)anthracene	21.74	228	376158	42.81	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	49307	19.99	ng	# 98
82) Chrysene	21.81	228	360366	42.15	ng	100
83) Bis(2-ethylhexyl)phthalate	21.61	149	314139	47.29	ng	96
84) Di-n-octyl phthalate	22.84	149	521482	47.28	ng	# 88
85) Indeno(1,2,3-cd)pyrene	28.83	276	391591	40.83	ng	97
87) Benzo(b)fluoranthene	24.00	252	362930	43.32	ng	# 96
88) Benzo(k)fluoranthene	24.07	252	349335	42.36	ng	# 97
89) Benzo(a)pyrene	24.90	252	346033	43.20	ng	# 96
90) Dibenzo(a,h)anthracene	28.88	278	323941	42.94	ng	# 96
91) Benzo(g,h,i)perylene	30.01	276	325715	41.50	ng	# 95

(#) = 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

Lab File: BG022313.D

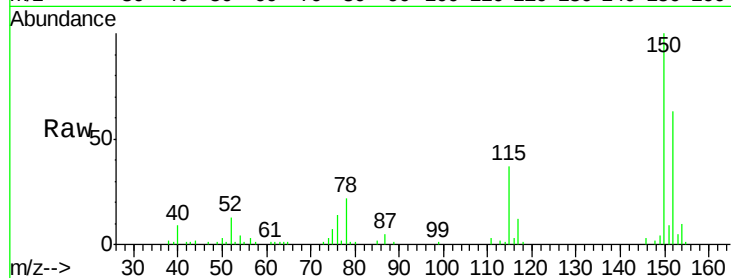
Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

18-VE-PILE-WALL(0-2)MSD



Tgt Ion: 152 Resp: 29242

Ion Ratio Lower Upper

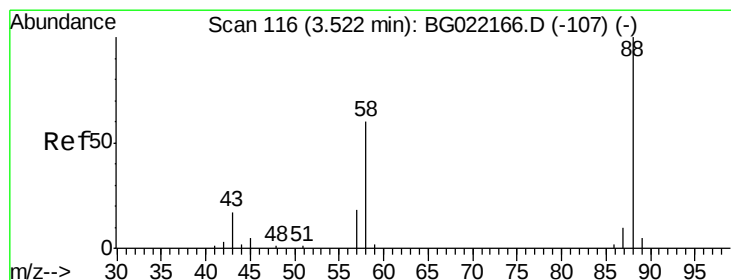
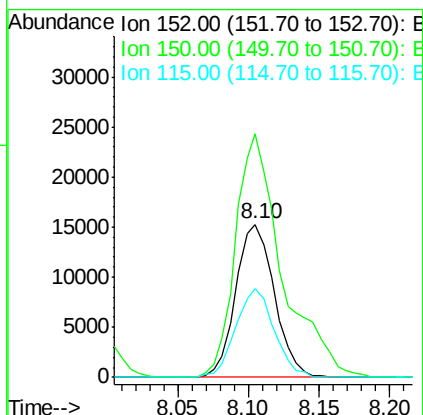
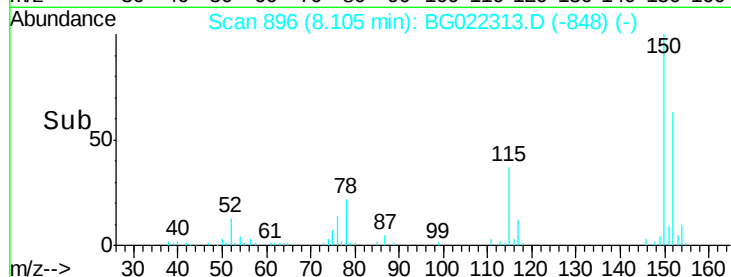
152 100

150 159.0 130.1 195.1

115 58.4 62.2 93.2#

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#2

1,4-Dioxane

Concen: 32.54 ng

RT: 3.49 min Scan# 111

Delta R.T. -0.03 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

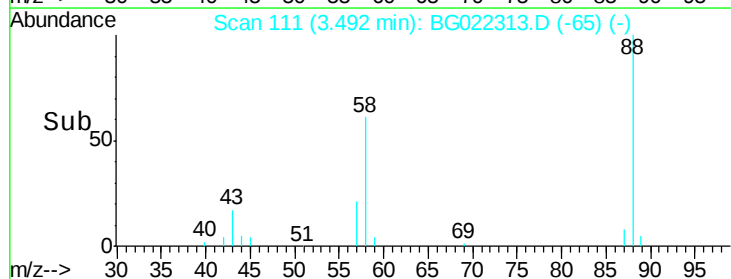
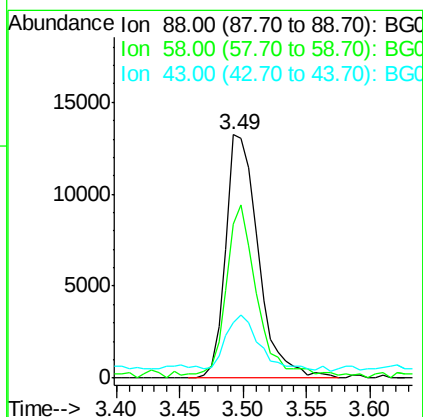
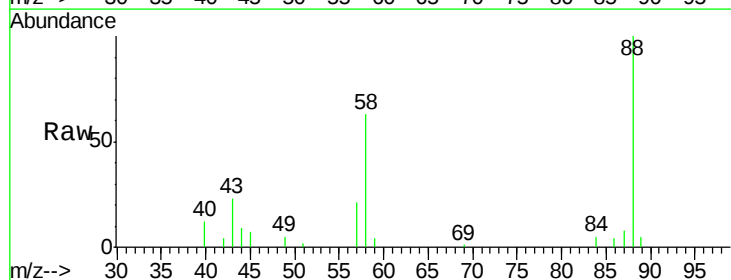
Tgt Ion: 88 Resp: 23598

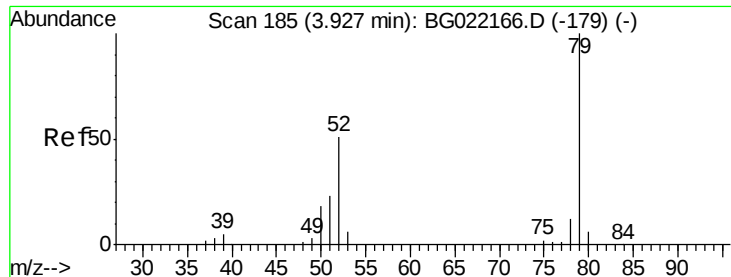
Ion Ratio Lower Upper

88 100

58 65.3 36.8 55.2#

43 23.0 10.4 15.6#





#3

Pyridine

Concen: 18.86 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.02 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

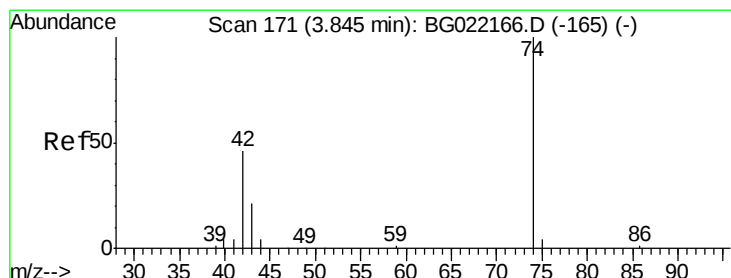
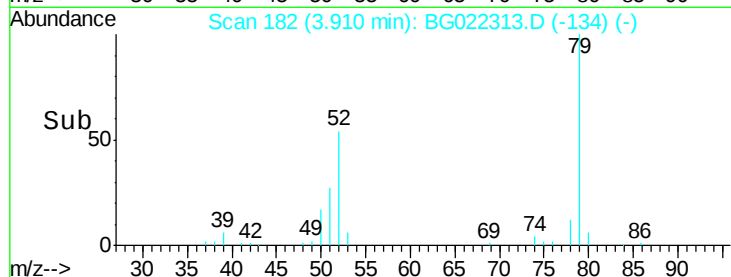
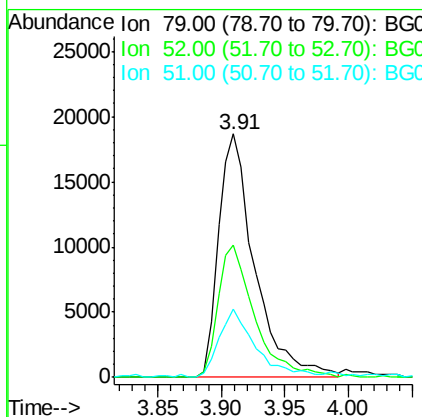
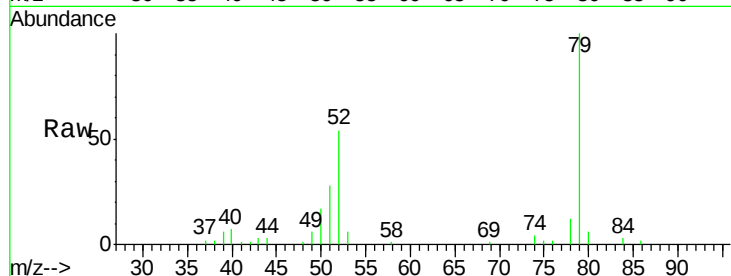
ClientSampleId :

18-VE-PILE-WALL(0-2)MSD

Tgt Ion:	79	Resp:	36954
Ion	Ratio	Lower	Upper
79	100		
52	54.1	41.6	62.4
51	28.1	19.2	28.8

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#4

n-Nitrosodimethylamine

Concen: 48.59 ng

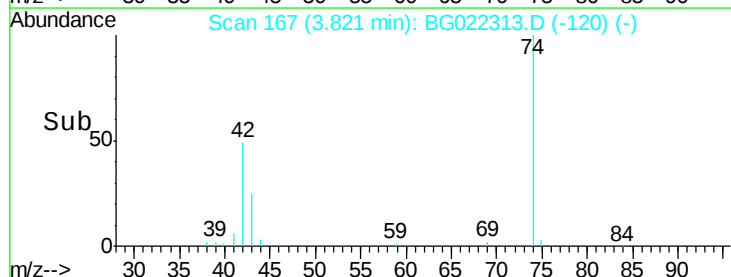
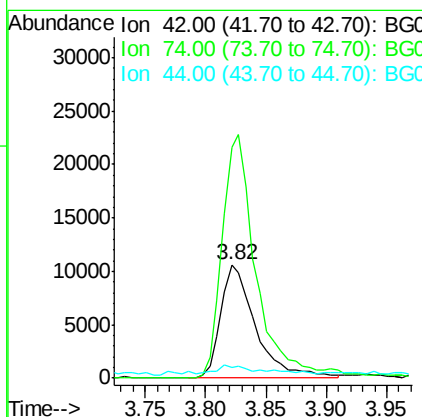
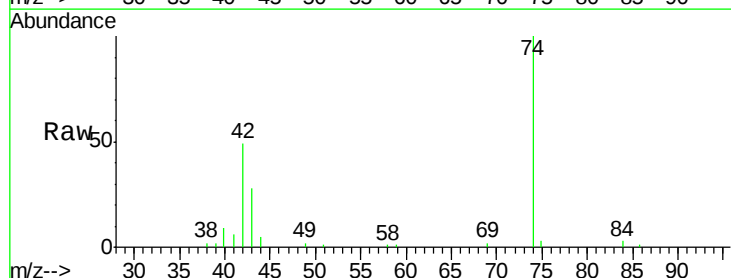
RT: 3.82 min Scan# 167

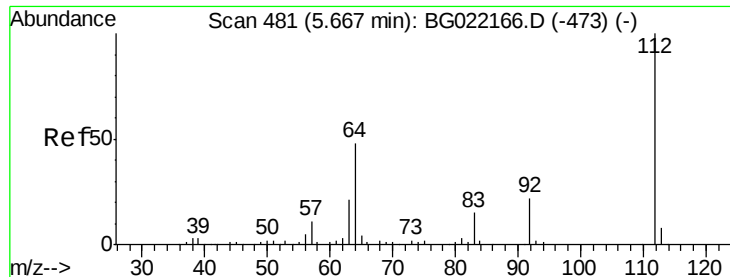
Delta R.T. -0.02 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:	42	Resp:	21291
Ion	Ratio	Lower	Upper
42	100		
74	203.9	184.0	276.0
44	9.5	11.0	16.6#





#5

2-Fluorophenol

Concen: 155.49 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

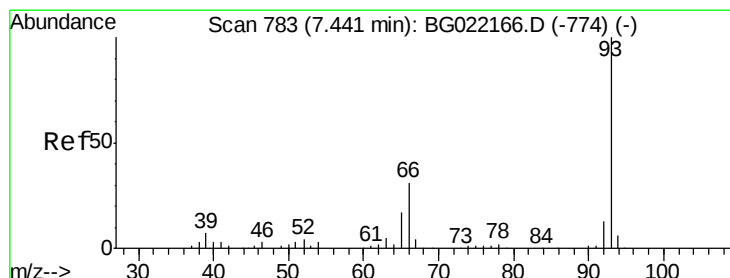
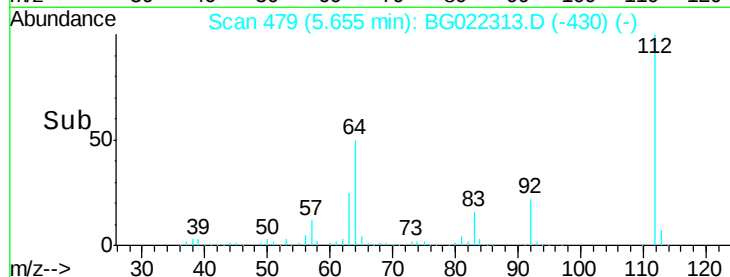
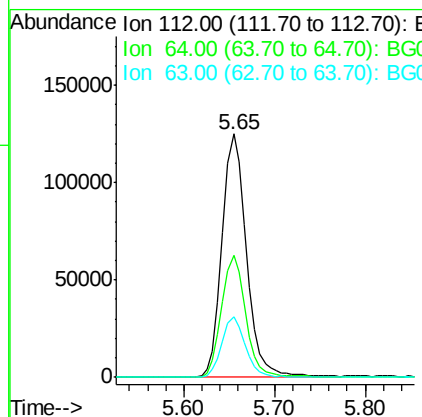
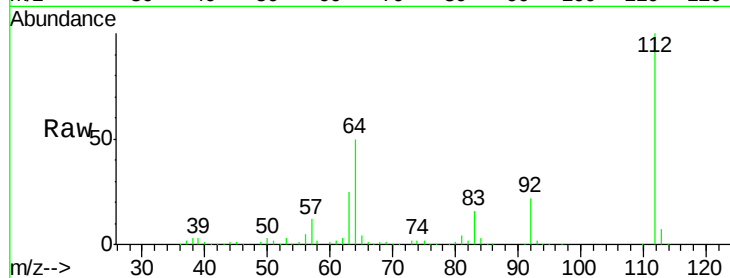
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Tgt Ion:	112	Resp:	235169
Ion Ratio	Lower	Upper	
112	100		
64	49.9	51.1	76.7#
63	24.6	24.6	37.0#

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#6

Aniline

Concen: 21.25 ng

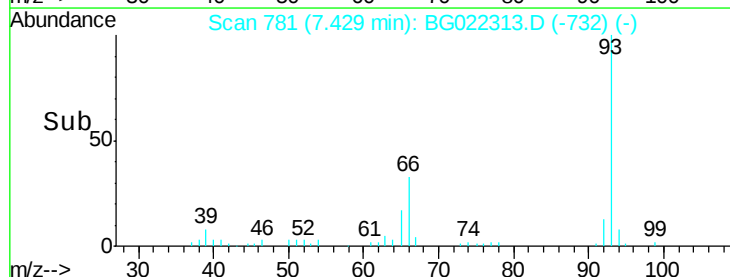
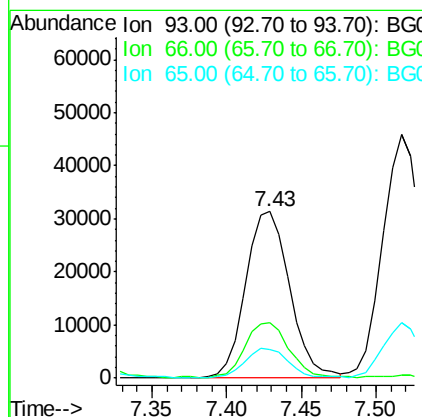
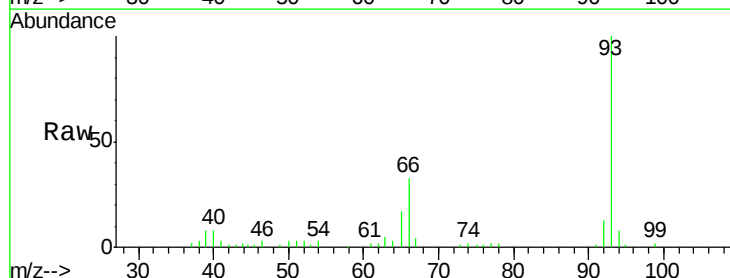
RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:	93	Resp:	64204
Ion Ratio	Lower	Upper	
93	100		
66	33.3	36.3	54.5#
65	17.2	18.4	27.6#





#7

Phenol-d6

Concen: 146.06 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022313.D

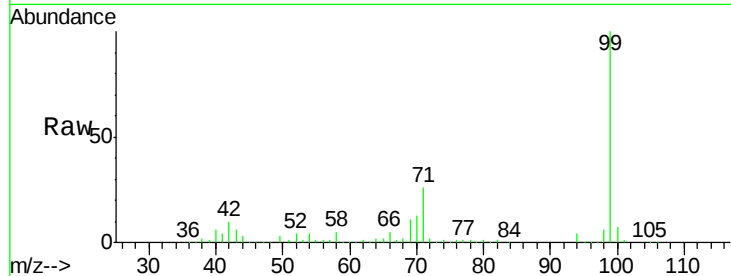
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Instrument :

BNA_G

ClientSampleId :

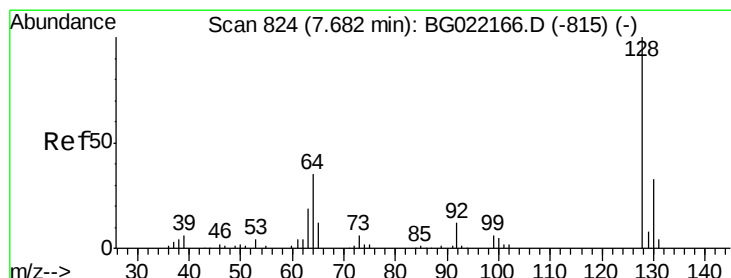
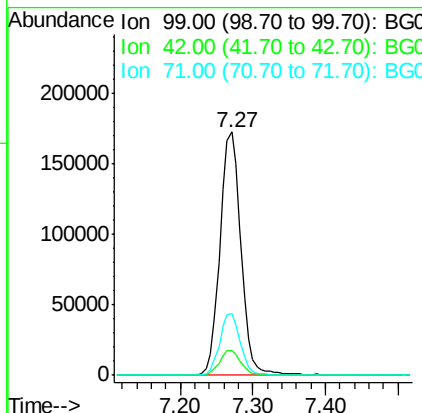
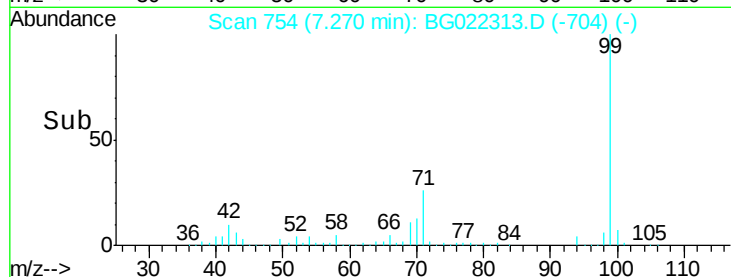
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		347313		
42	10.3	16.4	24.6#		
71	25.6	25.0	37.4		

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#8

2-Chlorophenol

Concen: 46.16 ng

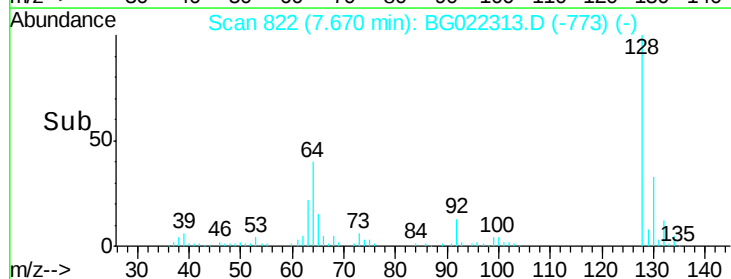
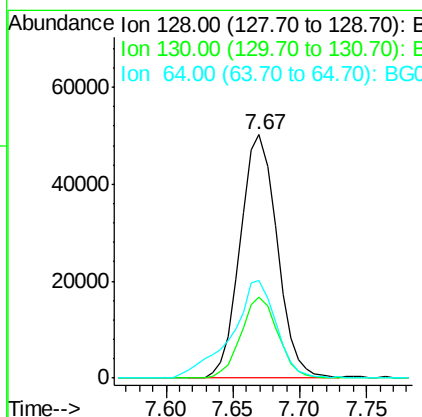
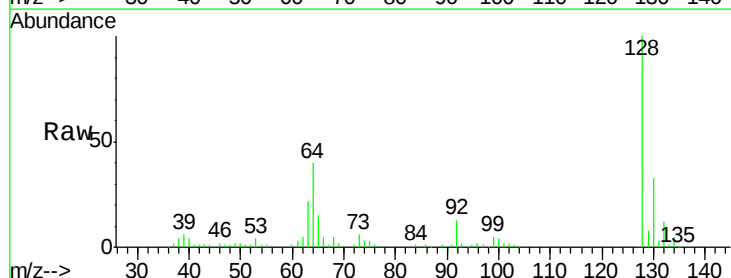
RT: 7.67 min Scan# 822

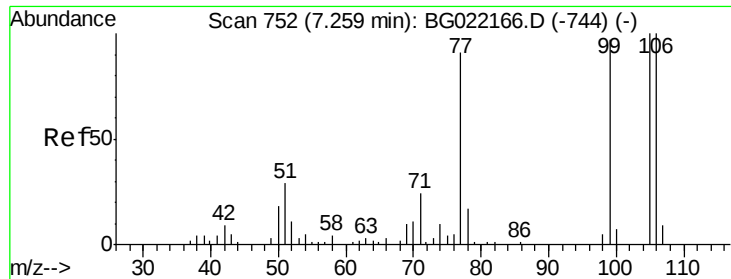
Delta R.T. -0.01 min

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		96501		
130	33.1	11.2	51.2		
64	40.1	39.8	79.8		





#9

Benzaldehyde

Concen: 4.11 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

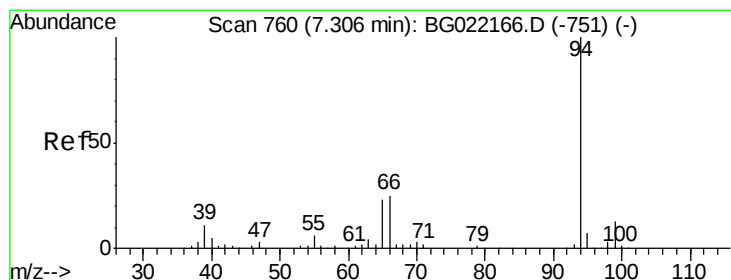
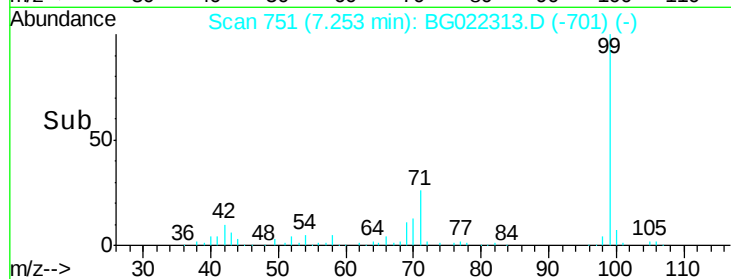
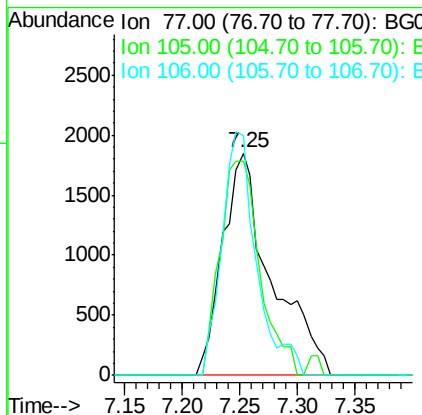
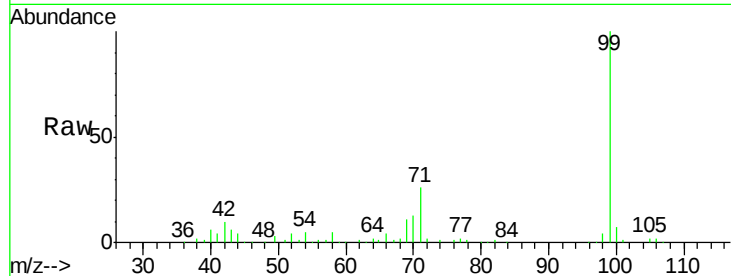
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.5	62.1	102.1
106	107.8	65.6	105.6

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#10

Phenol

Concen: 50.14 ng

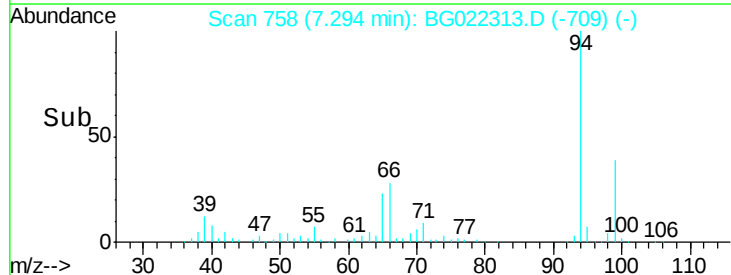
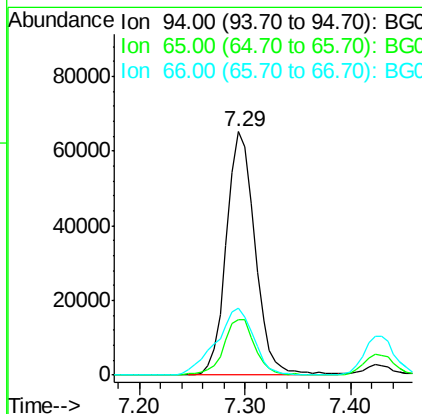
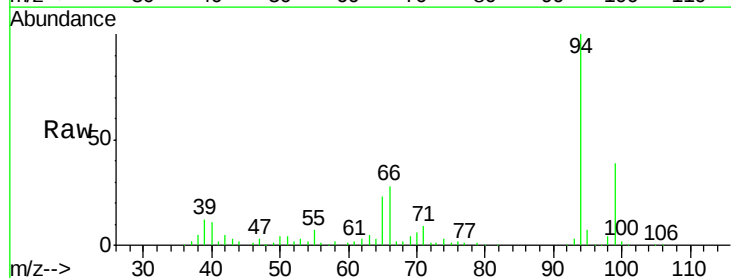
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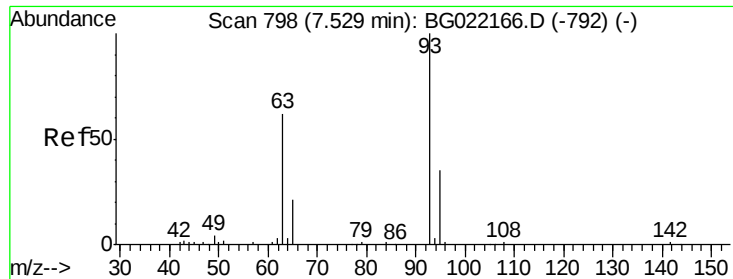
Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	22.7	9.8	49.8
66	27.7	20.8	60.8





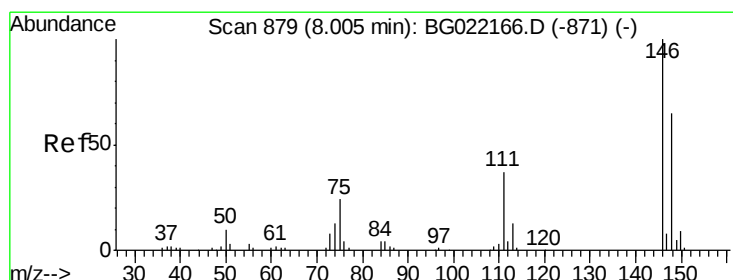
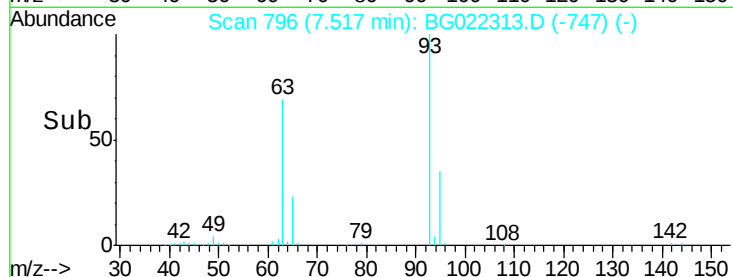
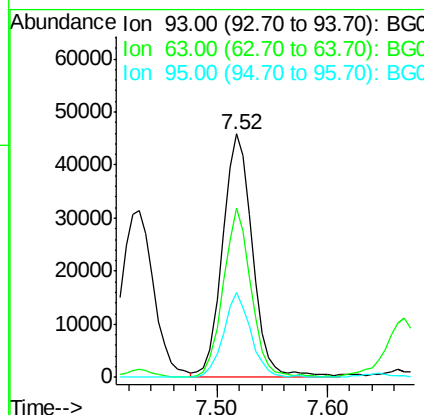
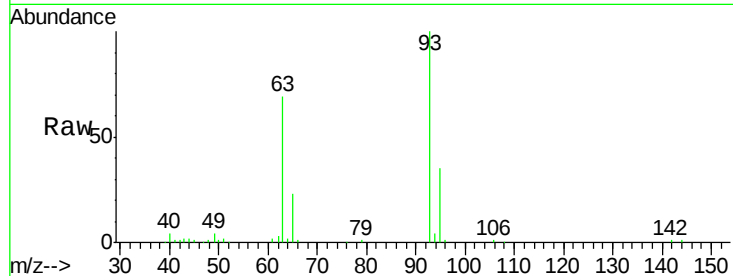
#11
bis(2-Chloroethyl)ether
Concen: 44.53 ng
RT: 7.52 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	87049		
63	69.5	74.9	114.9#	
95	35.0	8.3	48.3	

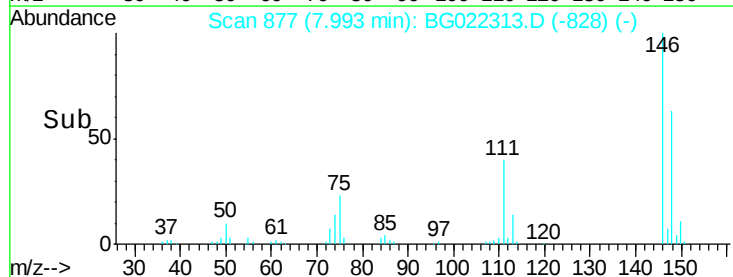
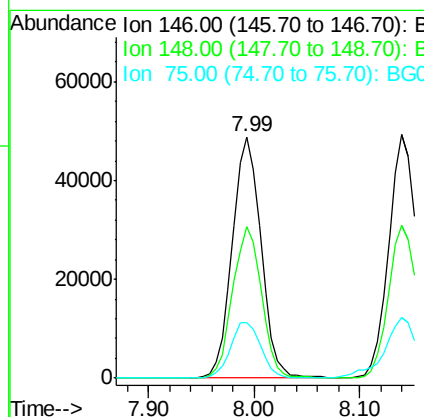
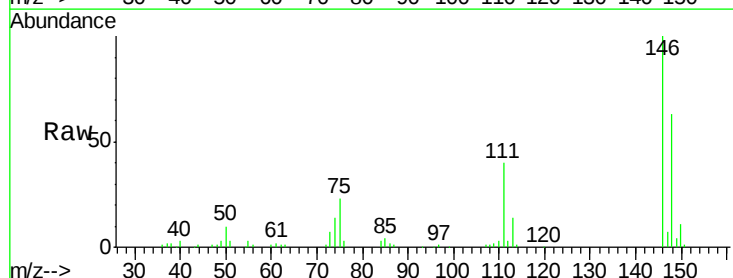
Manual Integrations
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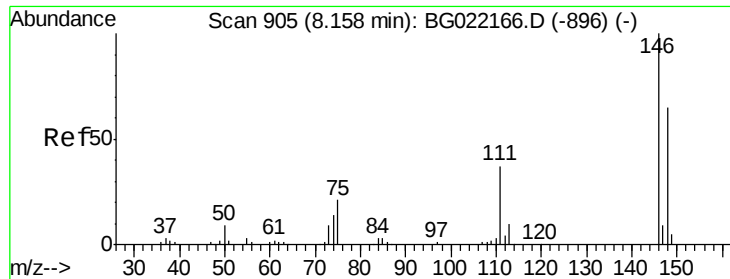
umangi
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#12
1,3-Dichlorobenzene
Concen: 40.92 ng
RT: 7.99 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	91682		
148	62.8	53.7	80.5	
75	23.1	27.4	41.0#	





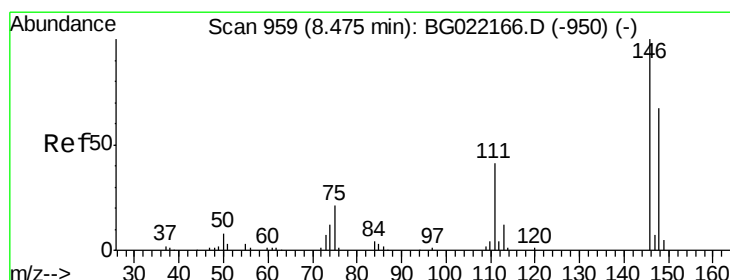
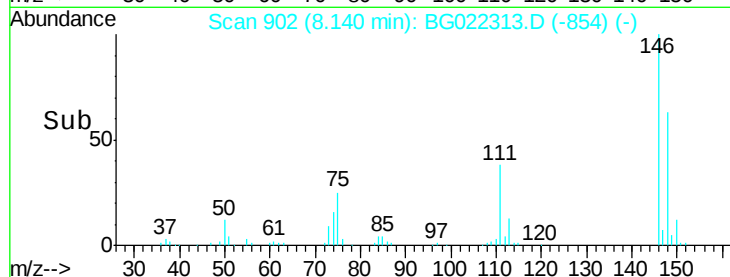
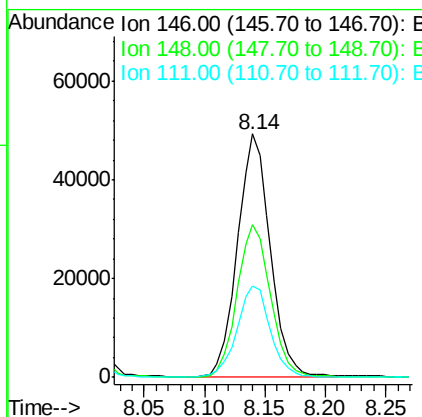
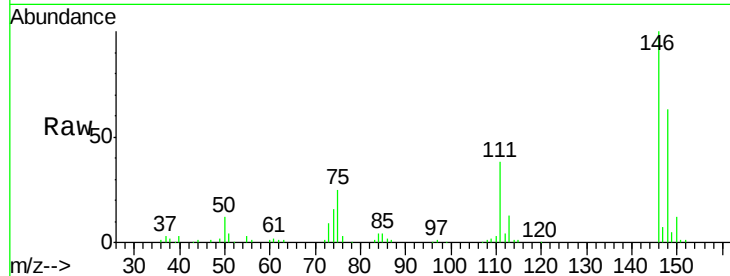
#13
 1,4-Dichlorobenzene
 Concen: 41.88 ng
 RT: 8.14 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	46.7	70.1
111	37.7	33.0	49.6

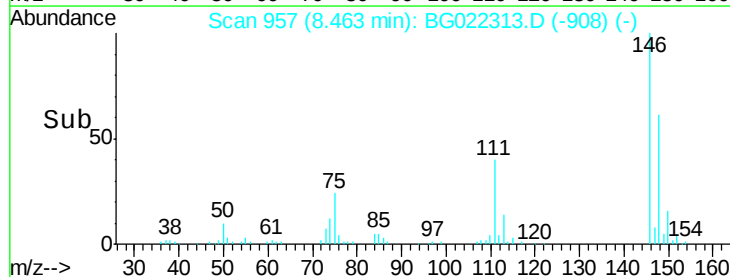
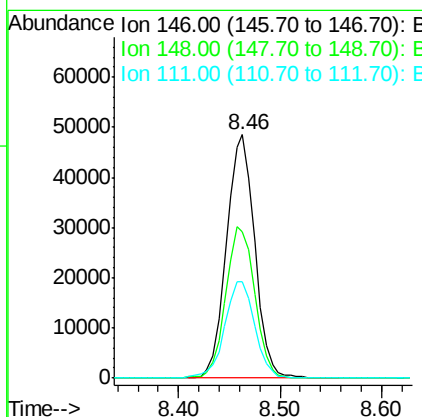
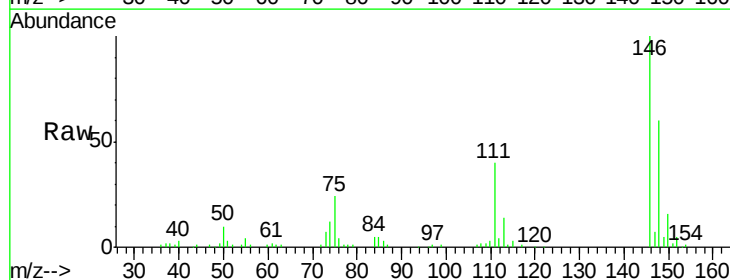
Manual Integrations
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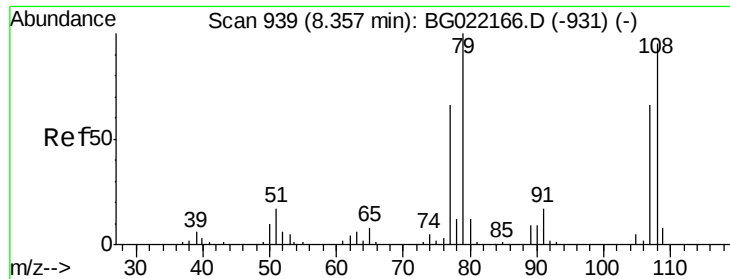
umangi
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#14
 1,2-Dichlorobenzene
 Concen: 41.52 ng
 RT: 8.46 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	52.6	79.0
111	39.6	36.1	54.1





#15

Benzyl Alcohol

Concen: 44.25 ng

RT: 8.35 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

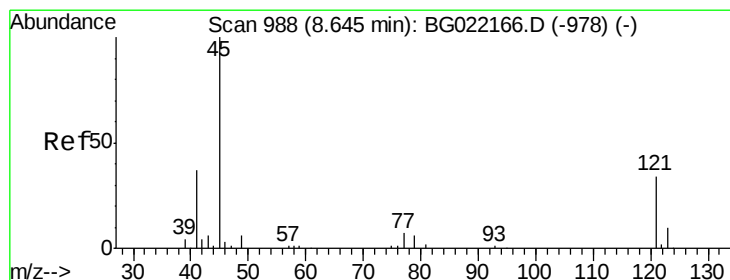
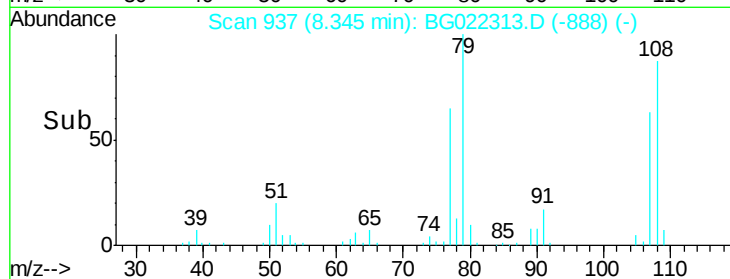
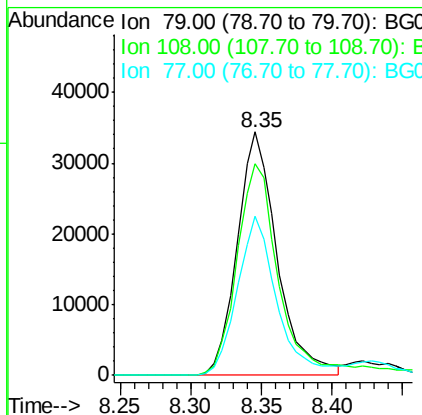
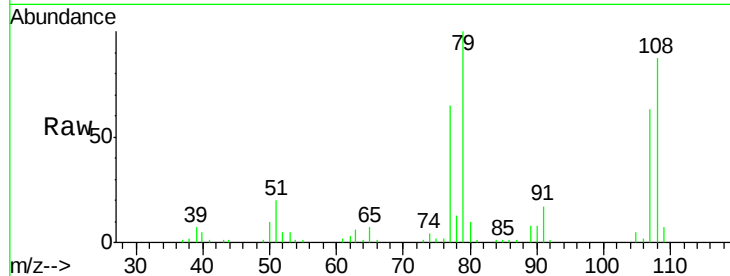
ClientSampleId :

18-VE-PILE-WALL(0-2)MSD

Tgt Ion:	79	Resp:	67982
Ion Ratio	Lower	Upper	
79	100		
108	86.8	59.4	89.0
77	65.1	52.2	78.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.81 ng

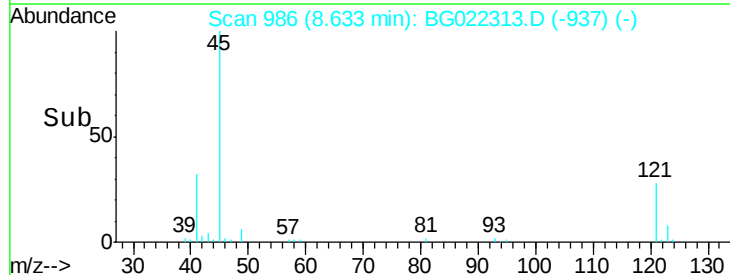
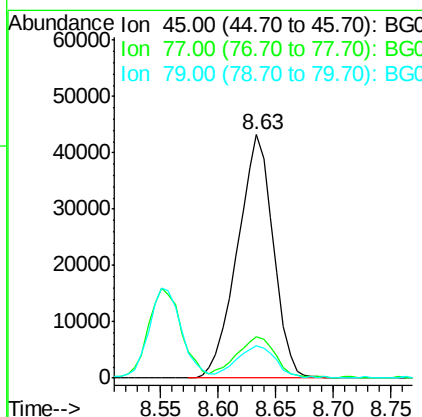
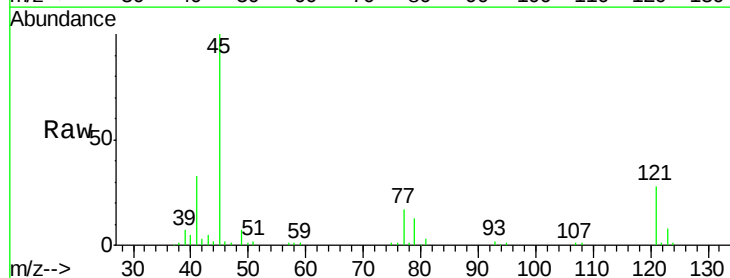
RT: 8.63 min Scan# 986

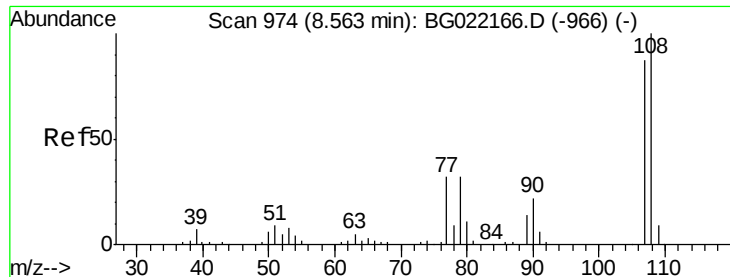
Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:	45	Resp:	92905
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	31.2
79	13.5	0.0	29.0





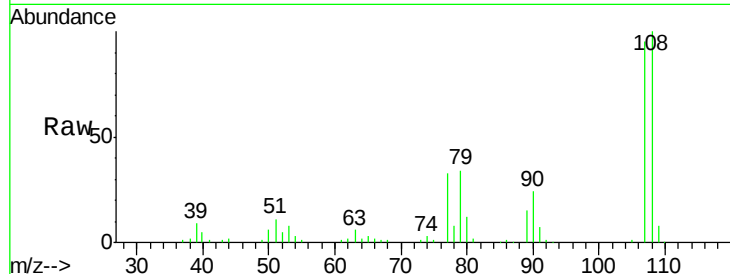
#17
2-Methylphenol
Concen: 46.84 ng
RT: 8.56 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

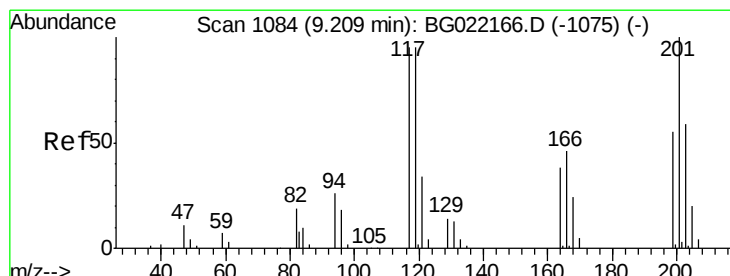
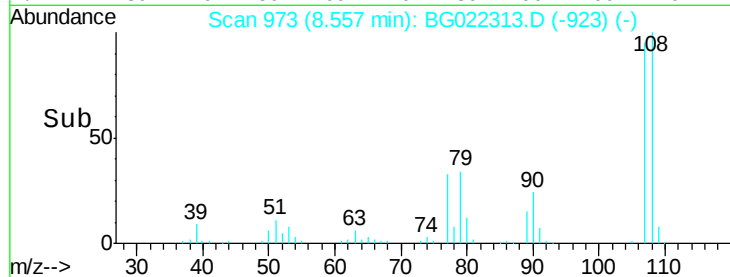
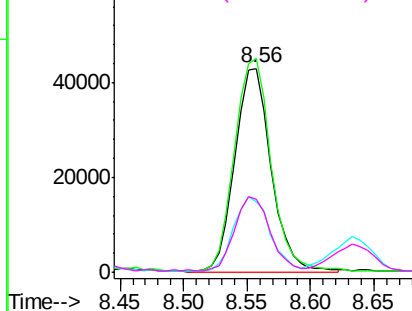
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	85701		
108	104.7	80.2	120.4	
77	34.4	40.7	61.1	#
79	35.9	39.8	59.8	#

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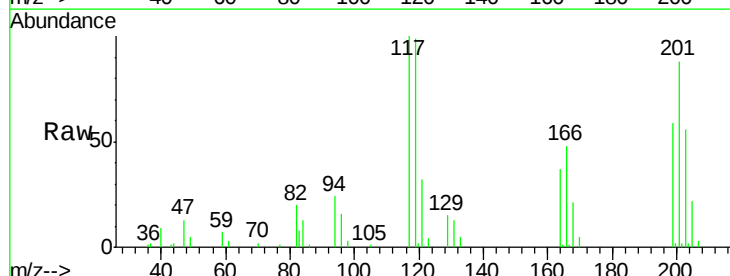


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

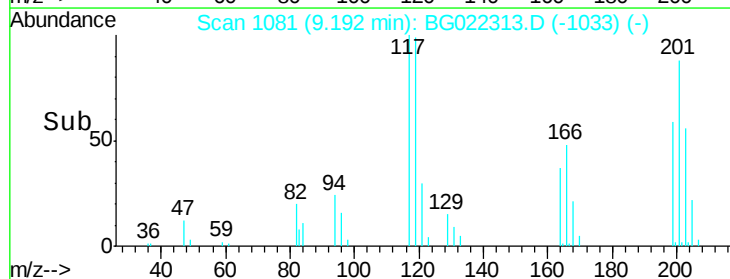
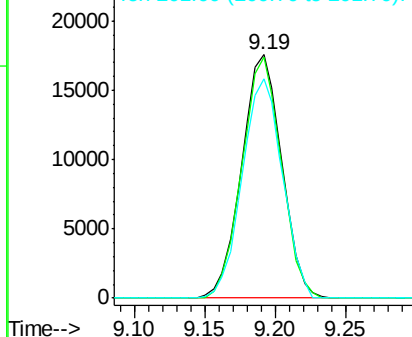


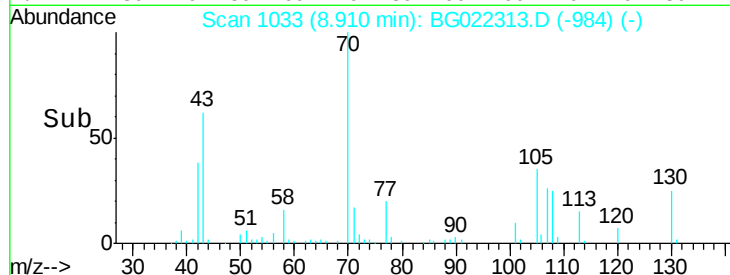
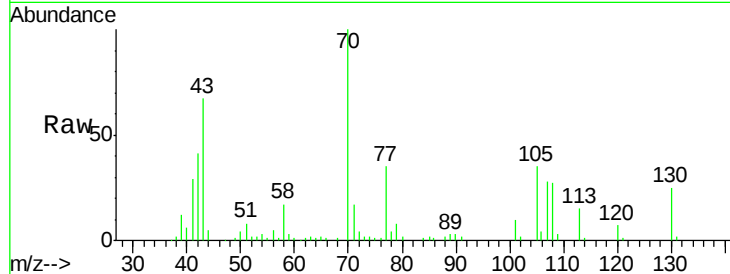
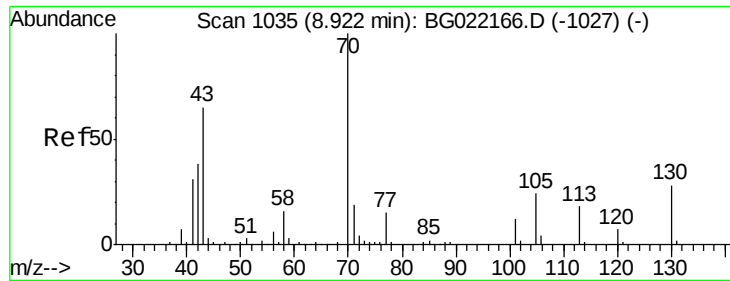
#18
Hexachloroethane
Concen: 42.92 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34986		
119	99.2	63.9	95.9	#
201	90.2	61.2	91.8	#



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





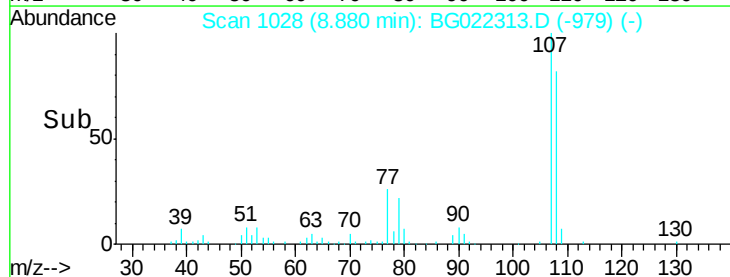
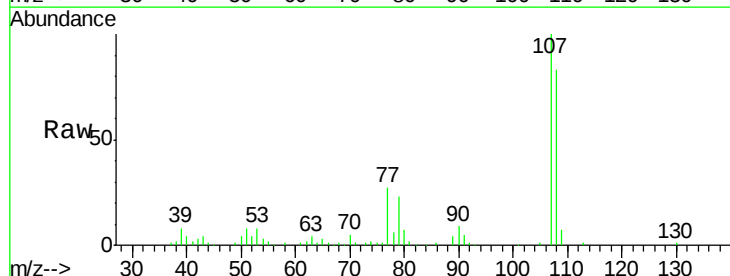
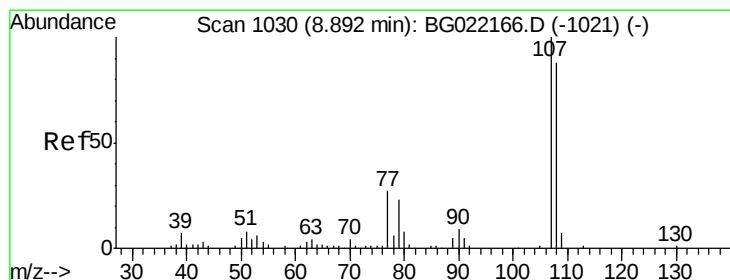
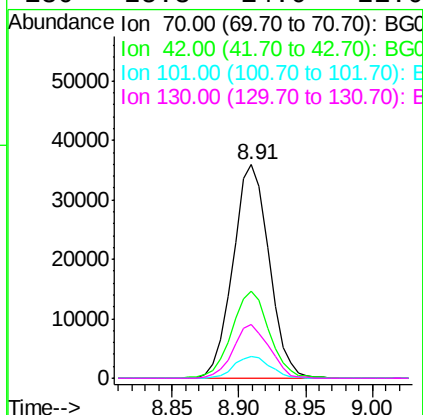
#19
n-Nitroso-di-n-propylamine
Concen: 41.90 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.5	56.7	85.1#
101	10.0	8.2	12.4
130	25.3	14.0	21.0#

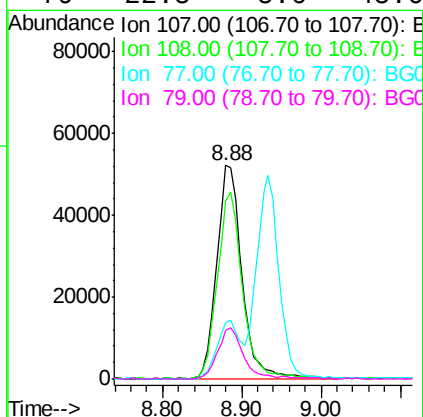
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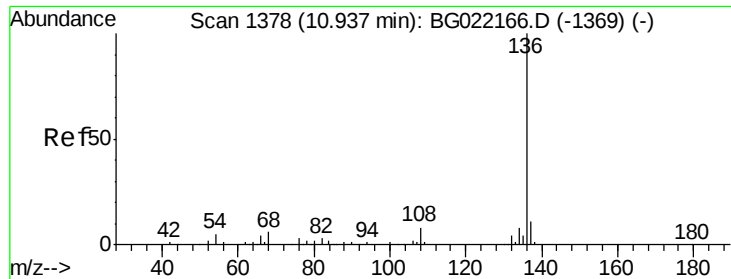
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#20
3+4-Methylphenols
Concen: 43.95 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.1	66.2	106.2
77	26.6	11.5	51.5
79	22.5	5.6	45.6





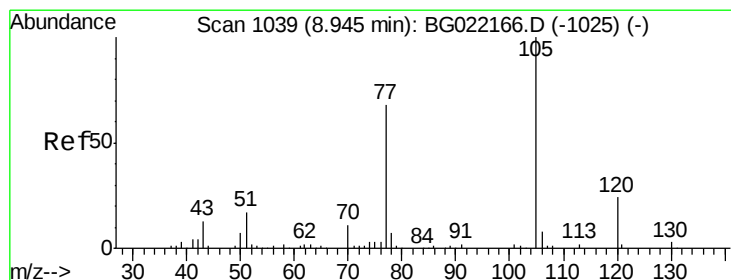
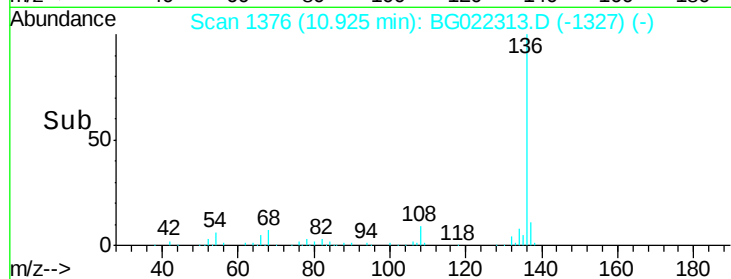
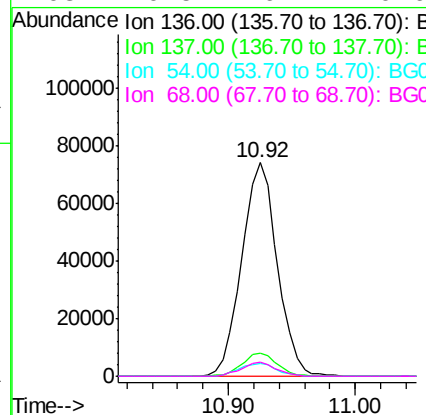
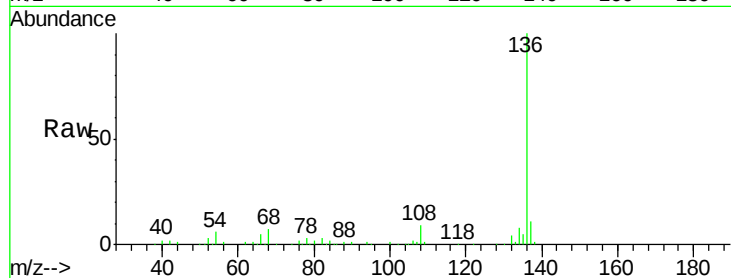
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	144292		
137	11.0	9.0	13.4	
54	5.8	9.6	14.4	
68	6.5	6.4	9.6	

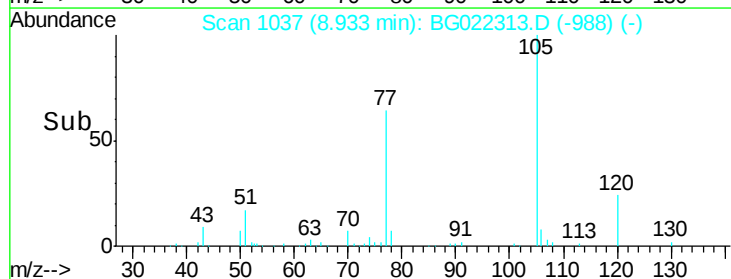
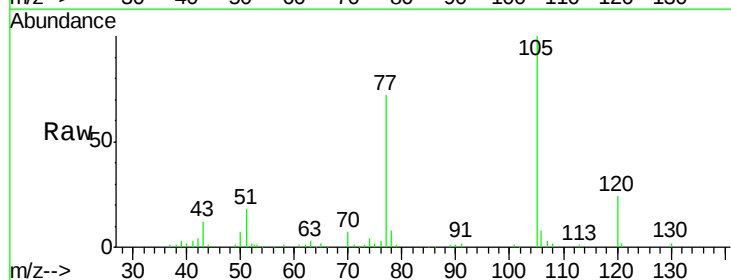
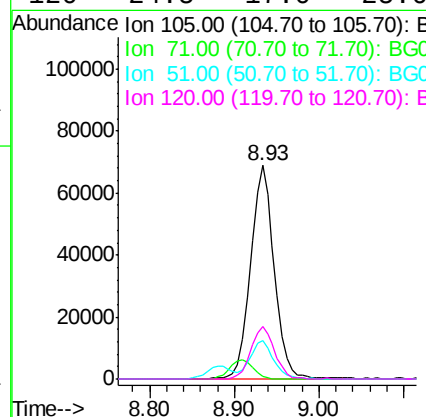
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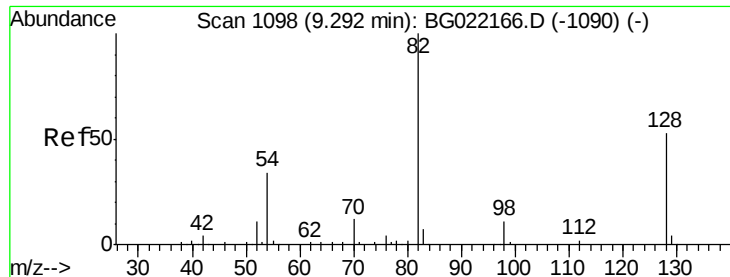
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#22
Acetophenone
Concen: 43.02 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	133772		
71	1.3	0.0	0.0	#
51	18.1	25.7	38.5	#
120	24.5	17.0	25.6	





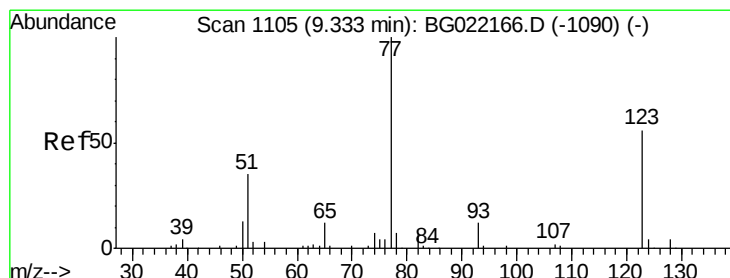
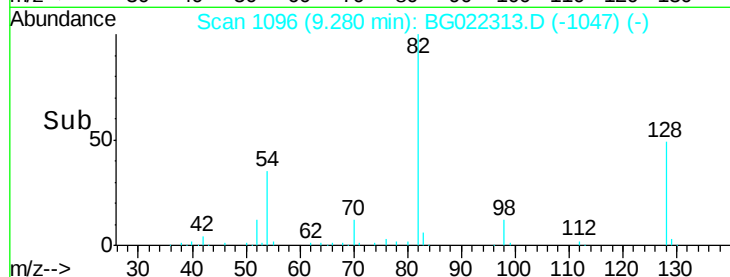
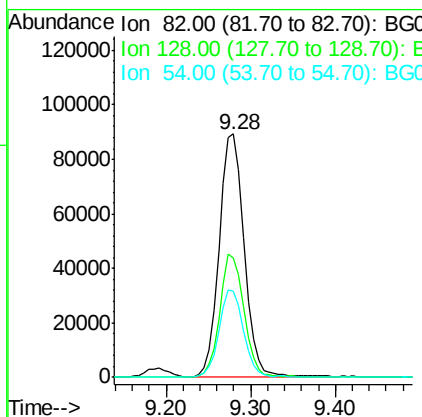
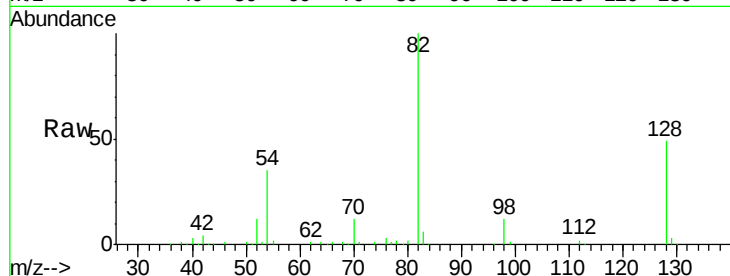
#23
Nitrobenzene-d5
Concen: 88.74 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	49.2	33.4	50.0
54	35.4	46.1	69.1

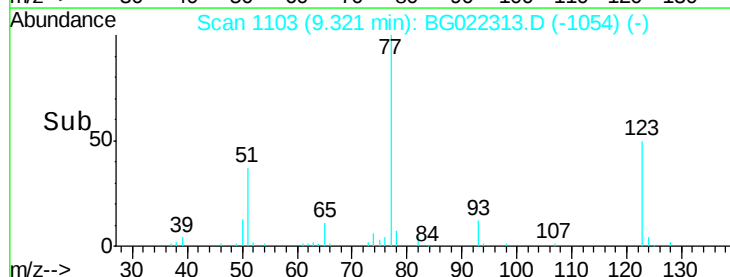
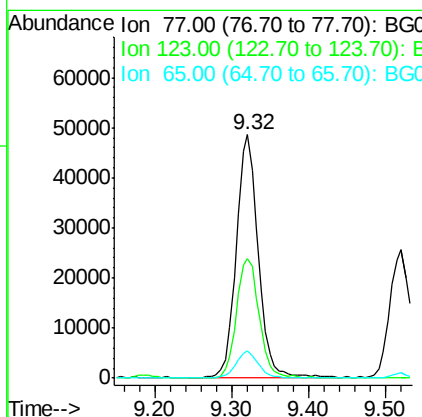
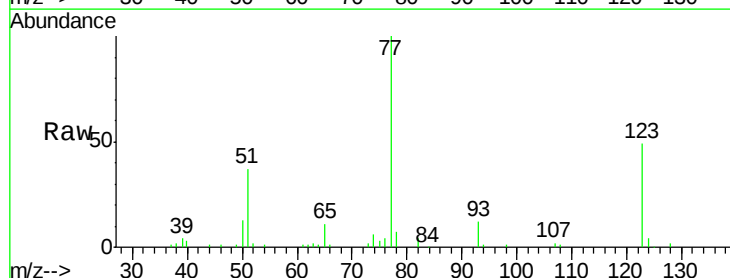
Manual Integrations
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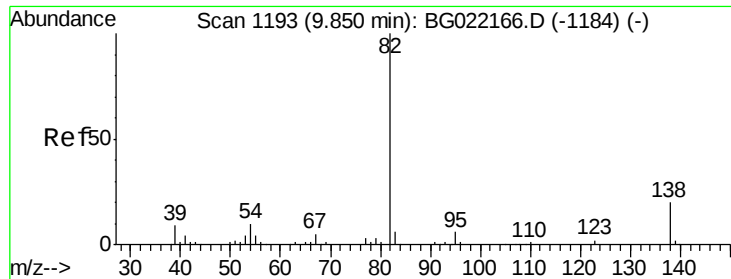
umangi
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#24
Nitrobenzene
Concen: 46.88 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	49.2	32.2	48.4
65	11.3	10.3	15.5





#25

Isophorone

Concen: 40.23 ng

RT: 9.84 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

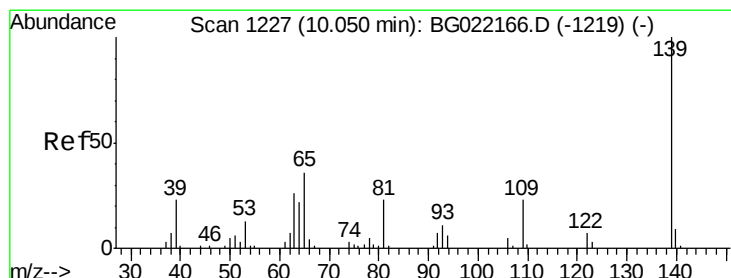
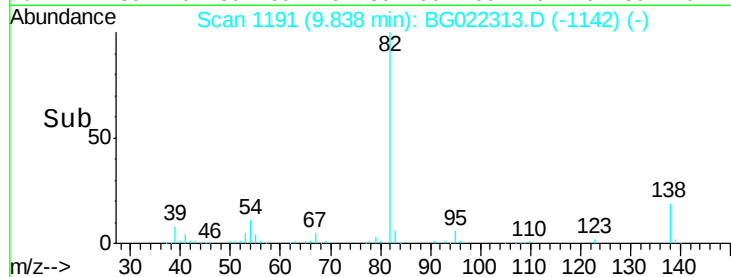
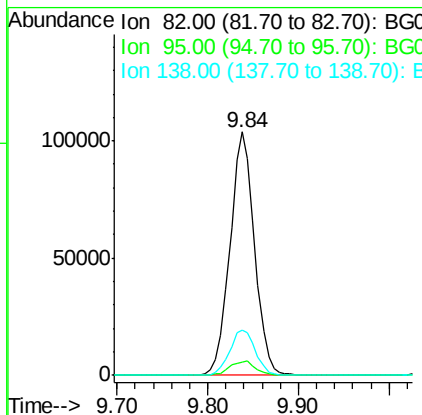
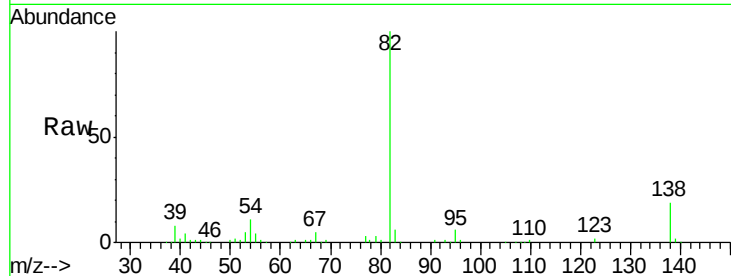
ClientSampleId :

18-VE-PILE-WALL(0-2)MSD

Tgt Ion:	82	Resp:	194780
Ion Ratio		Lower	Upper
82	100		
95	5.6	6.0	9.0#
138	18.6	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.96 ng

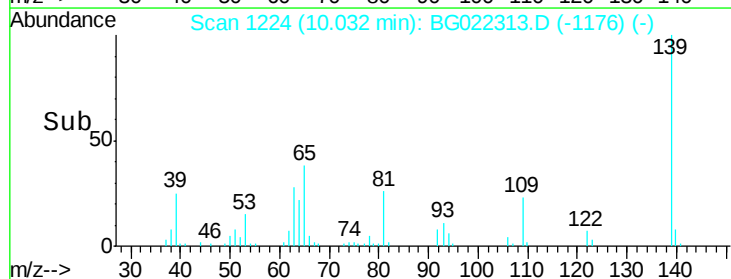
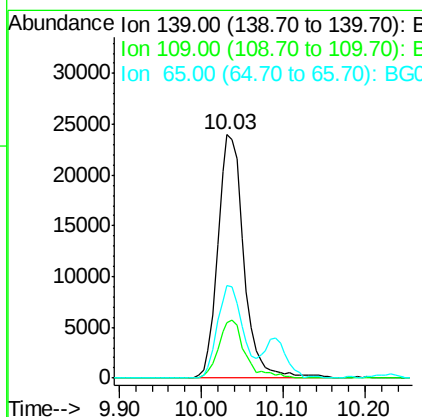
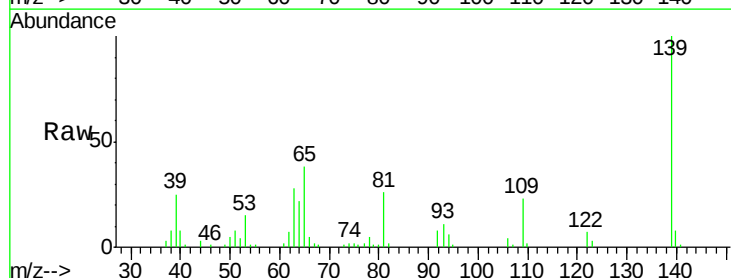
RT: 10.03 min Scan# 1224

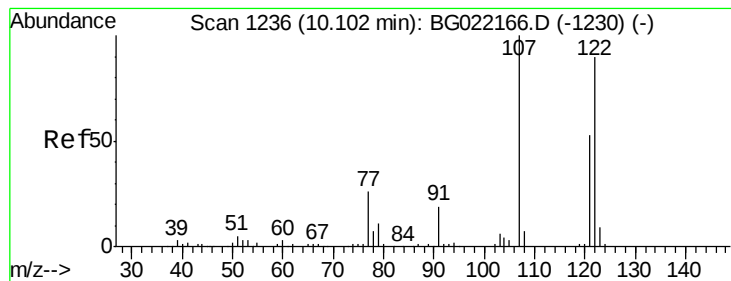
Delta R.T. -0.02 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:	139	Resp:	52996
Ion Ratio		Lower	Upper
139	100		
109	22.8	26.6	40.0#
65	38.1	45.3	67.9#





#27

2,4-Dimethylphenol

Concen: 45.88 ng

RT: 10.09 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BG022313.D

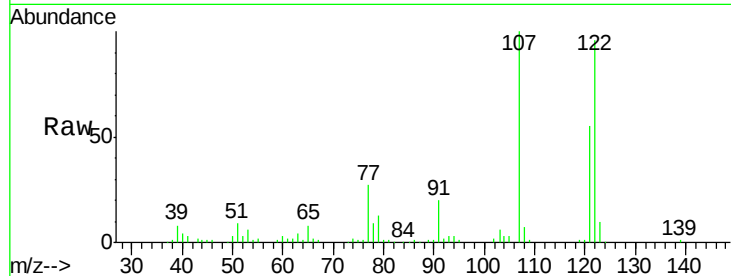
Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

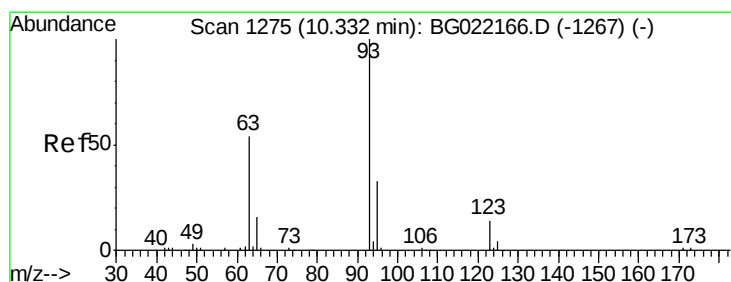
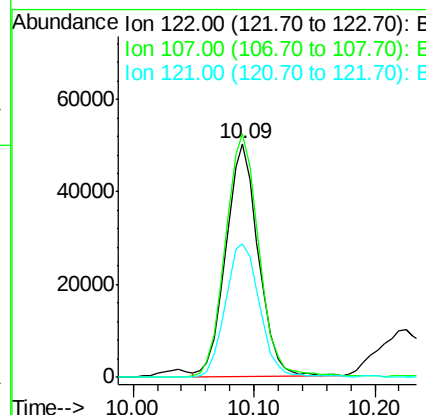
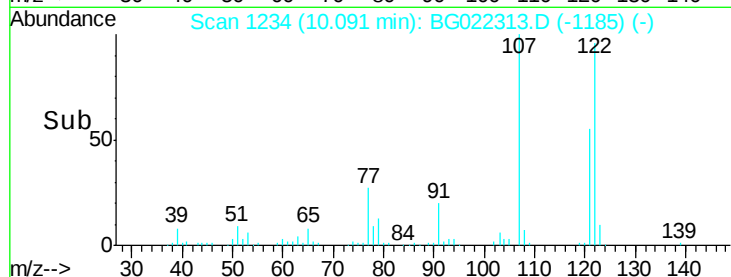
18-VE-PILE-WALL(0-2)MSD



Tgt Ion:	122	Resp:	93725
Ion Ratio	Lower	Upper	
122	100		
107	104.2	97.2	145.8
121	57.3	49.0	73.4

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#28

bis(2-Chloroethoxy)methane

Concen: 43.10 ng

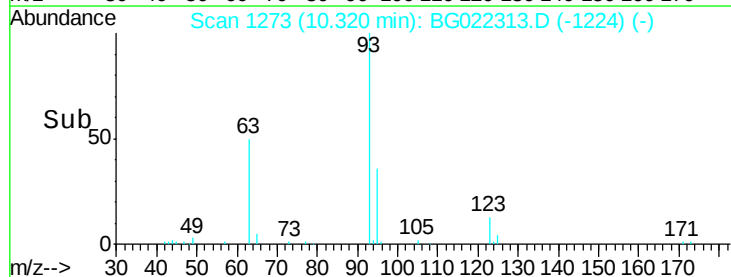
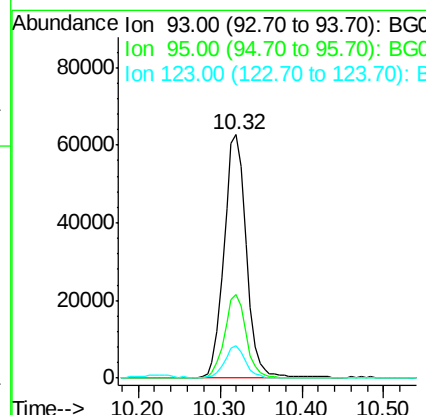
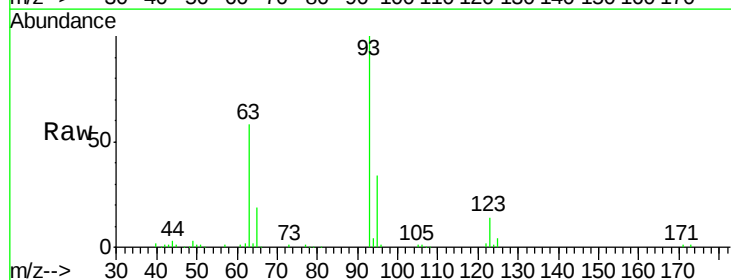
RT: 10.32 min Scan# 1273

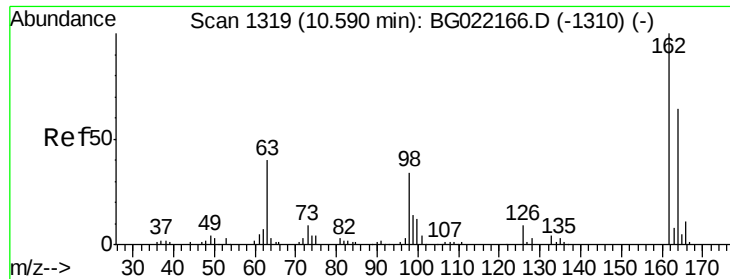
Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:	93	Resp:	119563
Ion Ratio	Lower	Upper	
93	100		
95	34.4	30.1	45.1
123	13.6	10.2	15.4





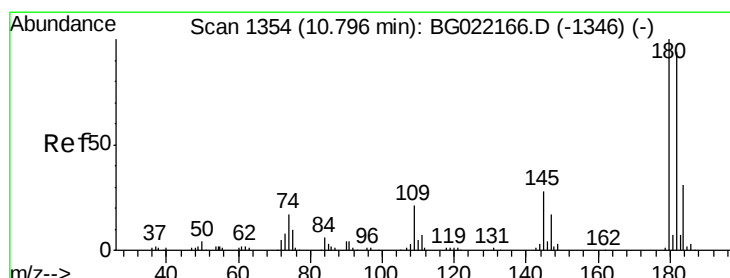
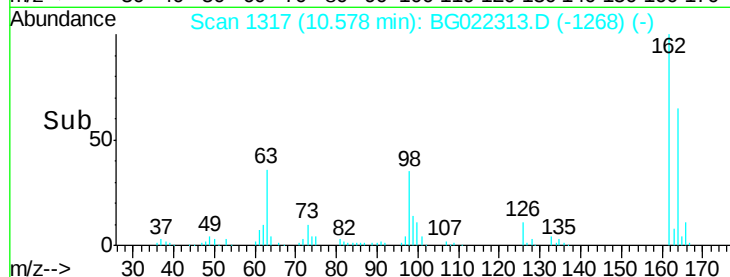
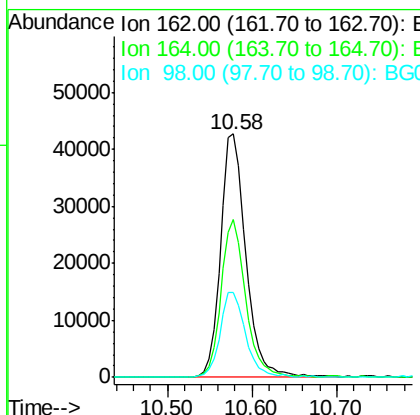
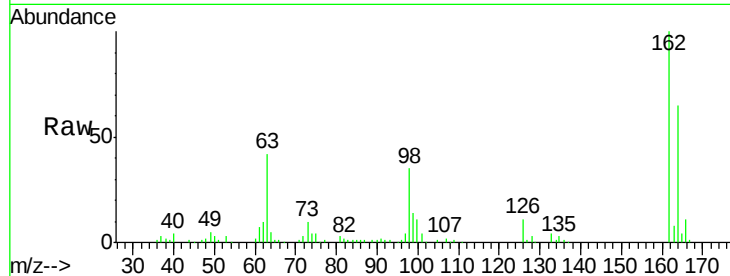
#29
 2,4-Dichlorophenol
 Concen: 46.79 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	44.9	84.9
98	34.9	19.2	59.2

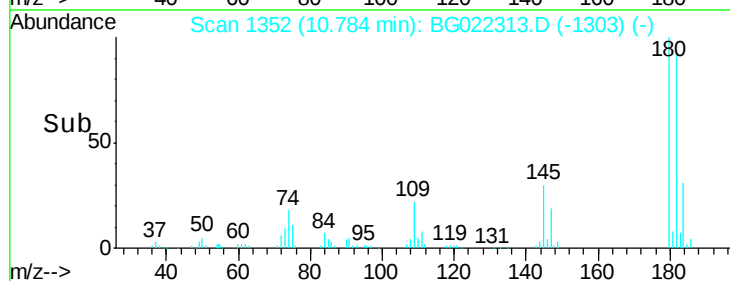
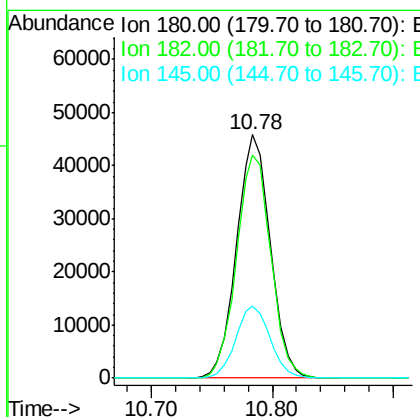
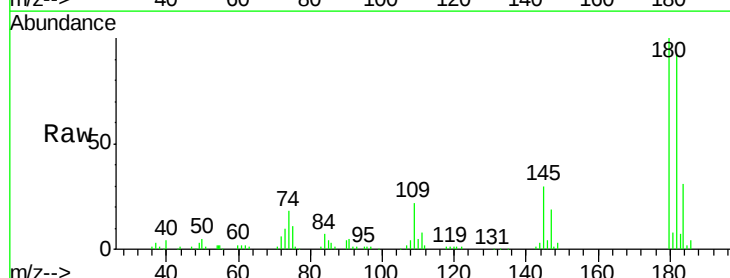
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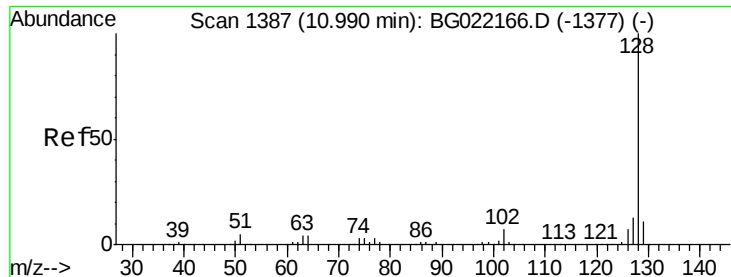
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.16 ng
 RT: 10.78 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.9	82.3	123.5
145	29.7	24.4	36.6





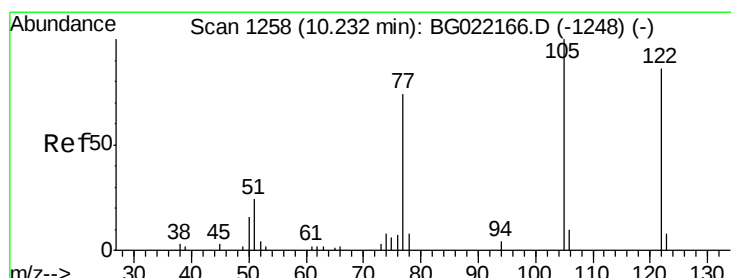
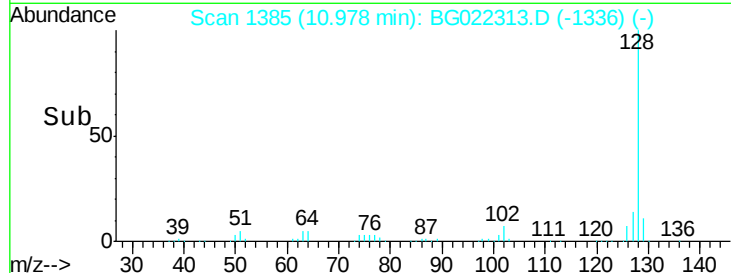
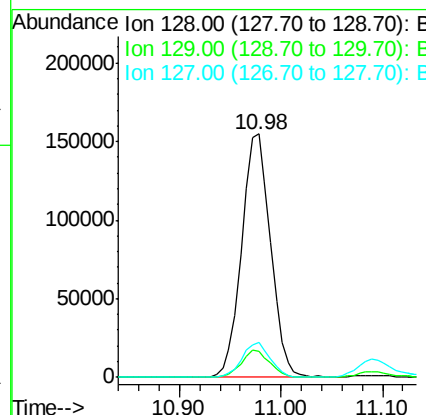
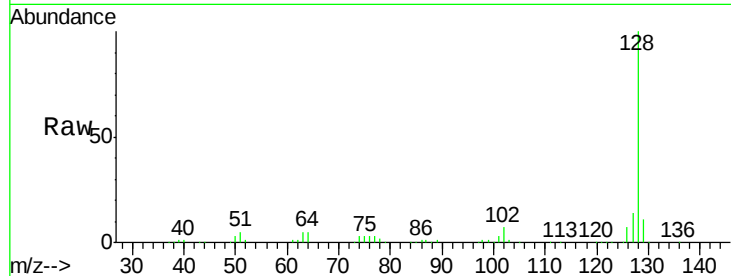
#31
Naphthalene
Concen: 42.63 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	7.0	10.6#
127	14.5	10.1	15.1

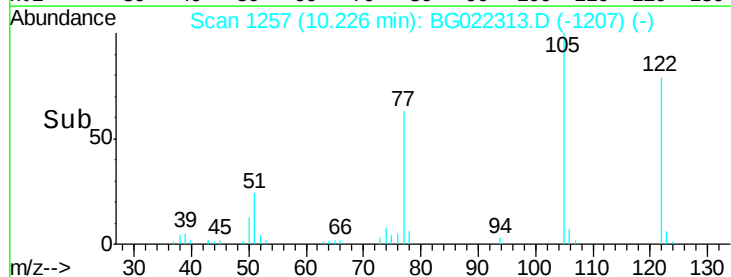
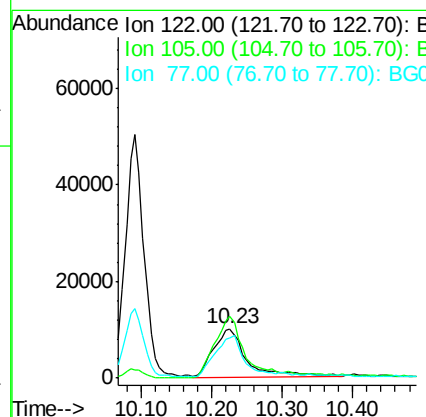
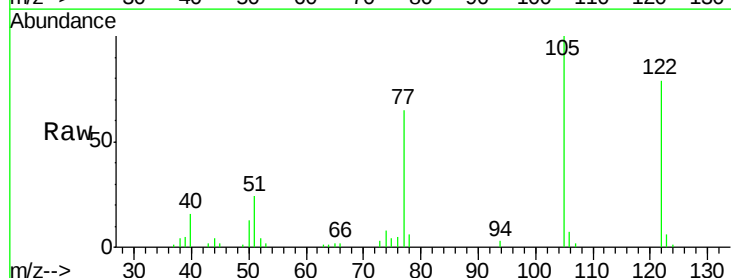
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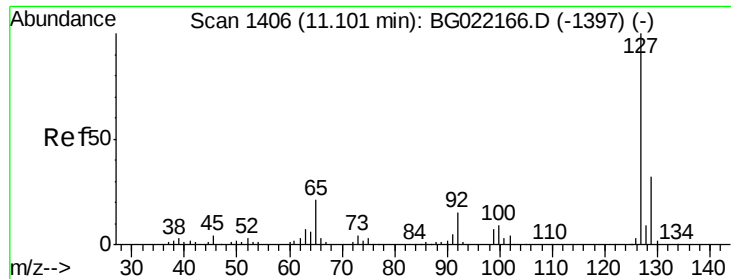
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#32
Benzoic acid
Concen: 47.65 ng
RT: 10.23 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	104.5	144.5
77	81.7	79.9	119.9





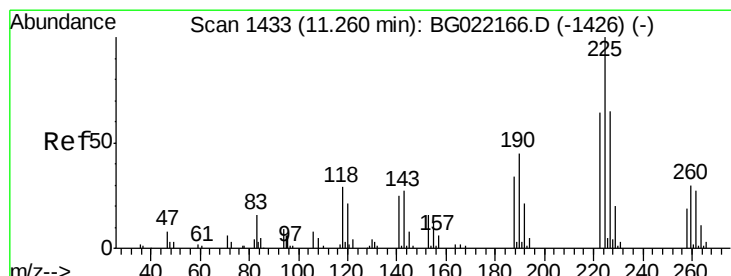
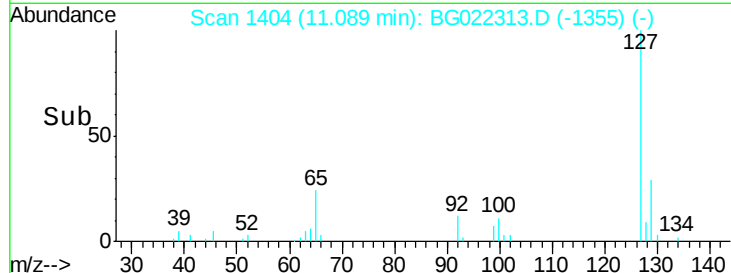
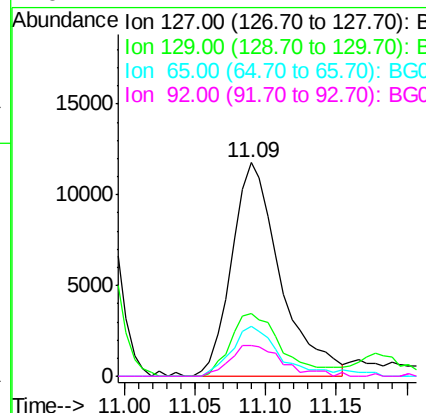
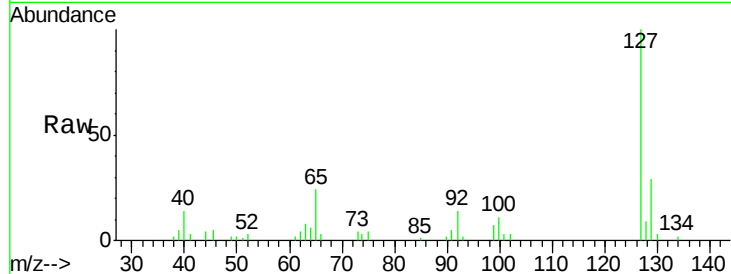
#33
4-Chloroaniline
Concen: 9.43 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.4	26.6	39.8
65	23.6	27.5	41.3#
92	14.2	14.7	22.1#

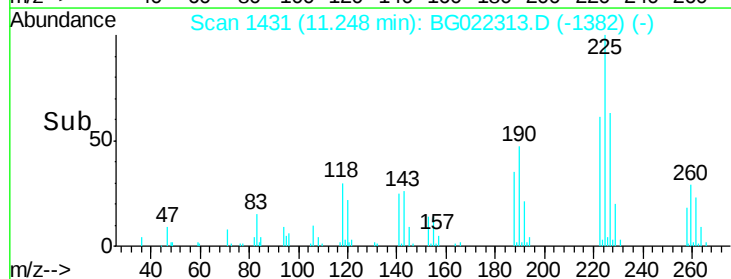
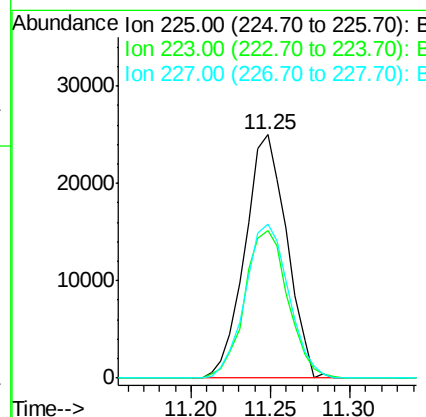
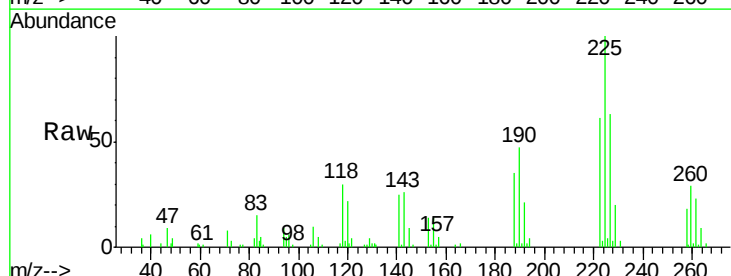
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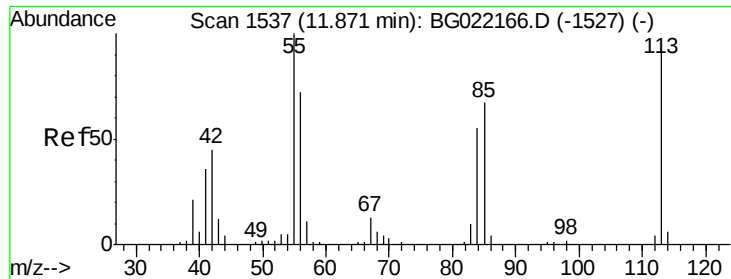
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#34
Hexachlorobutadiene
Concen: 40.33 ng
RT: 11.25 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	52.7	79.1
227	63.3	49.7	74.5





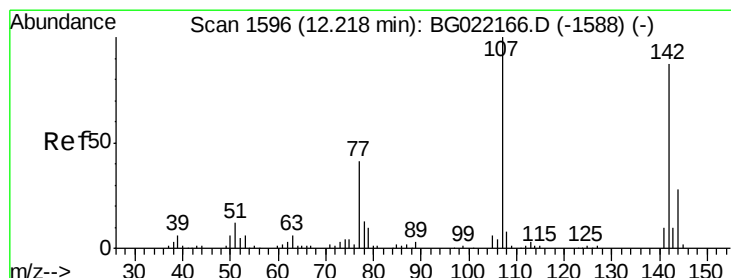
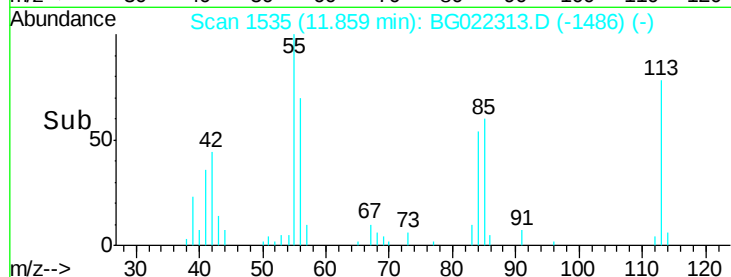
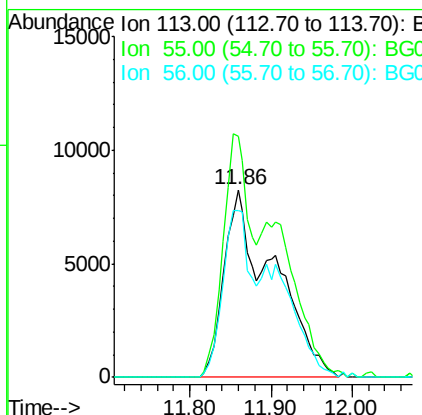
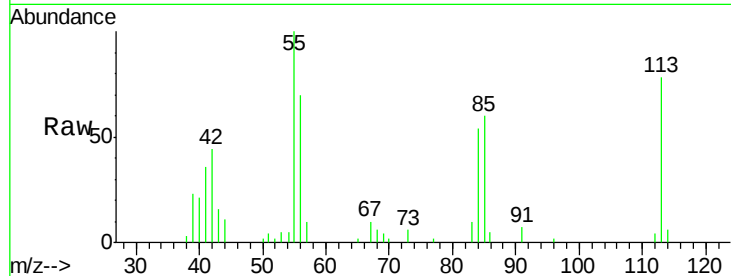
#35
 Caprolactam
 Concen: 33.44 ng m
 RT: 11.86 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	34714		
55	128.5	194.2	234.2#	
56	89.3	122.6	162.6#	

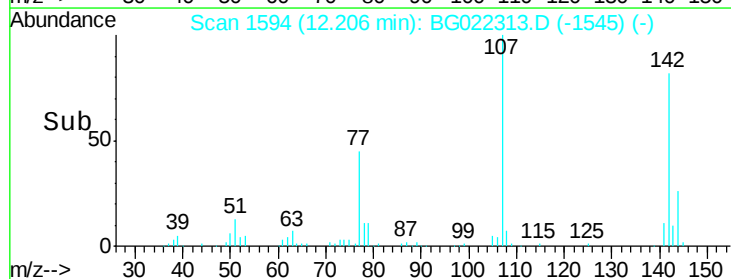
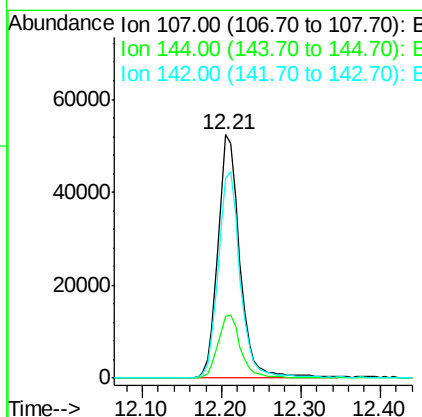
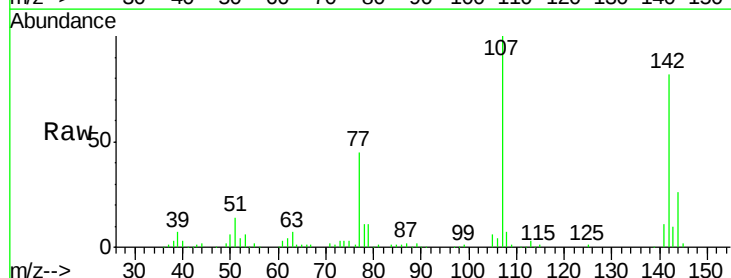
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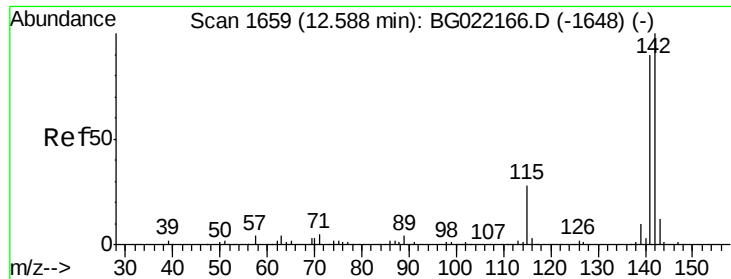
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#36
 4-Chloro-3-methylphenol
 Concen: 44.91 ng
 RT: 12.21 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	100738		
144	25.6	19.2	28.8	
142	82.2	59.1	88.7	





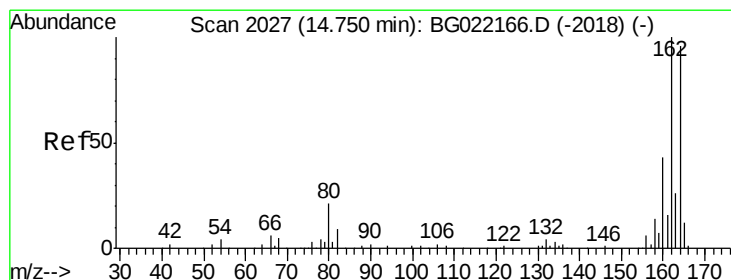
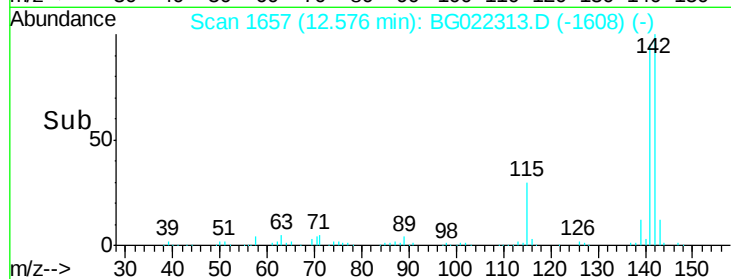
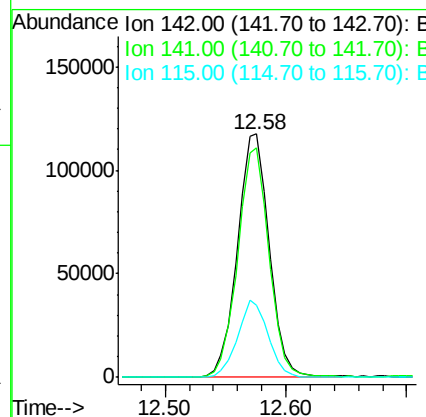
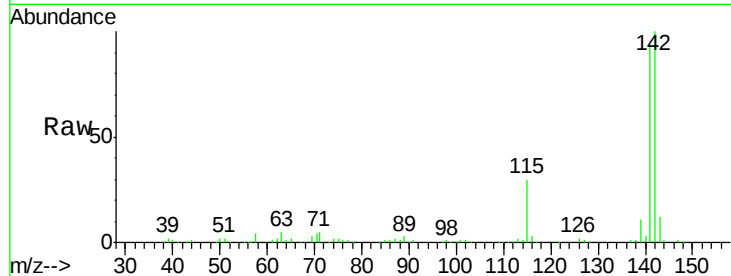
#37
 2-Methylnaphthalene
 Concen: 40.64 ng
 RT: 12.58 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	94.1	71.4	107.0
115	29.6	27.4	41.2

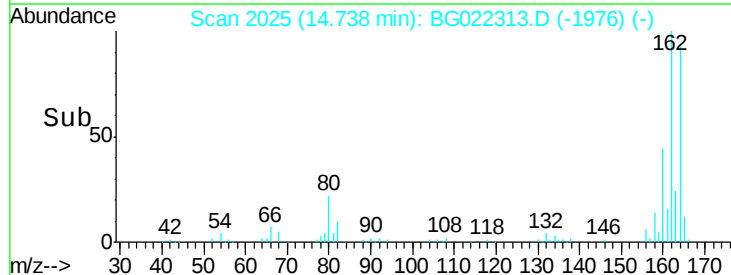
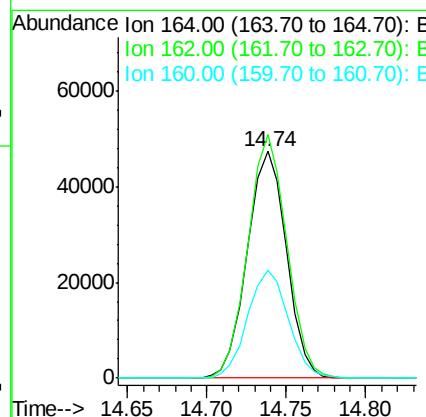
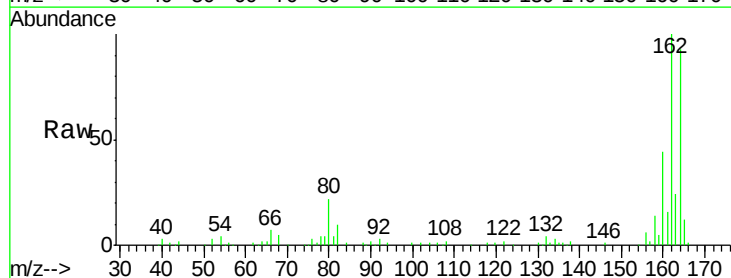
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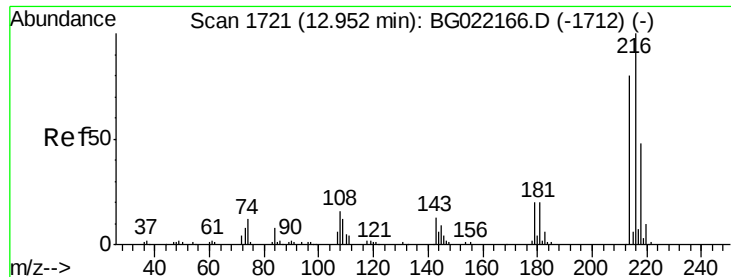
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	107.5	78.0	117.0
160	47.5	32.9	49.3





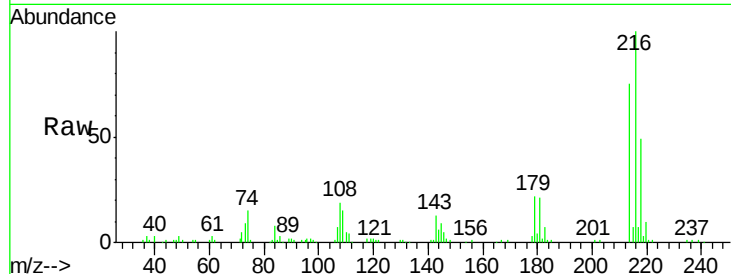
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.51 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

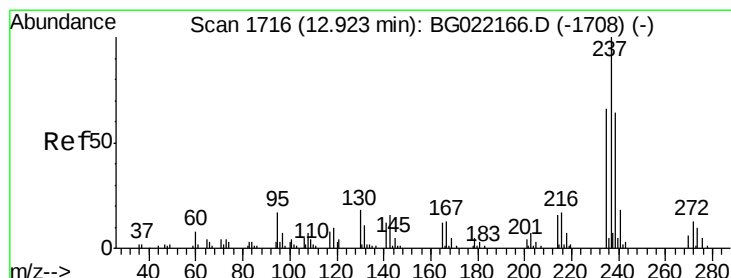
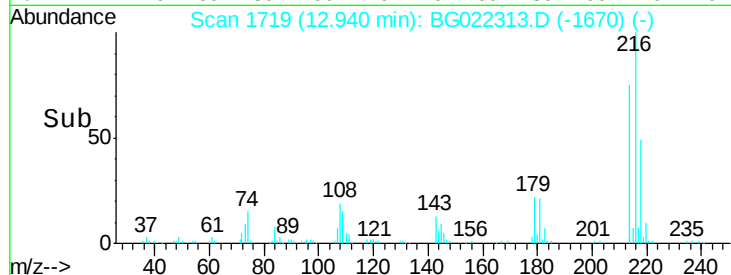
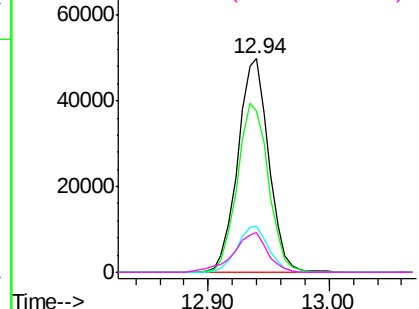
Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.2	93.2
179	21.7	16.7	25.1
108	20.3	14.0	21.0

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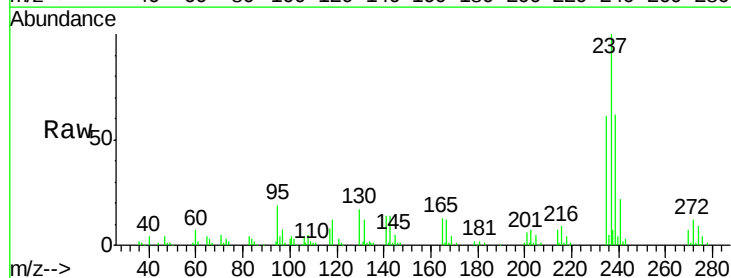


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

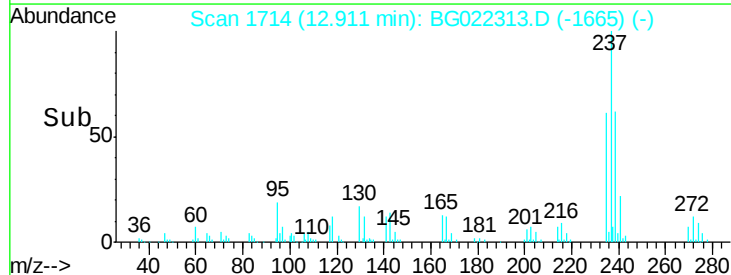
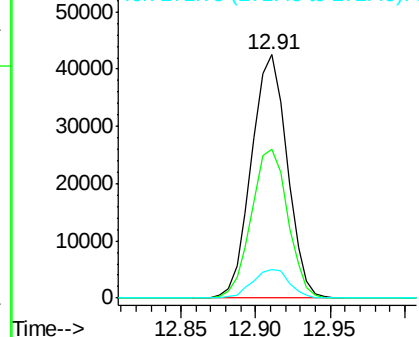


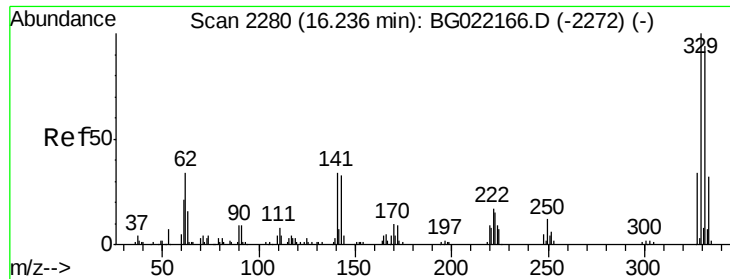
#40
 Hexachlorocyclopentadiene
 Concen: 66.70 ng
 RT: 12.91 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.4	43.2	83.2
272	11.7	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 112.39 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG022313.D

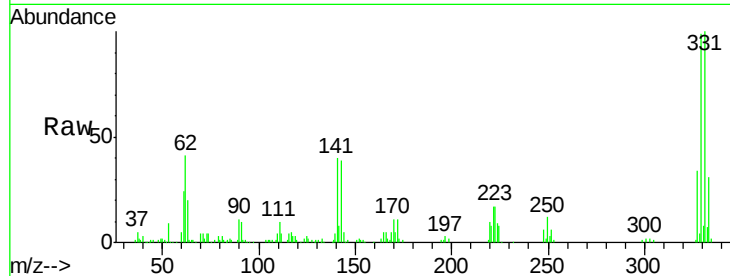
Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

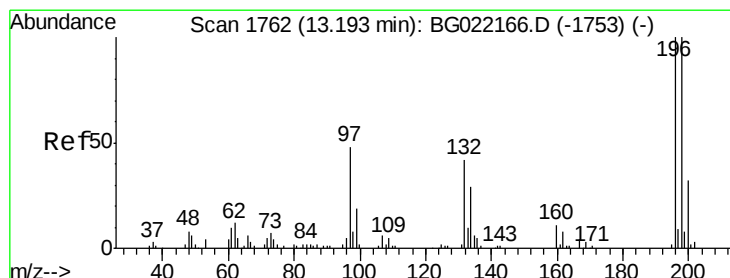
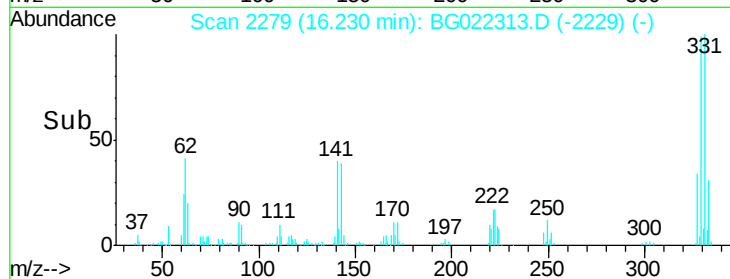
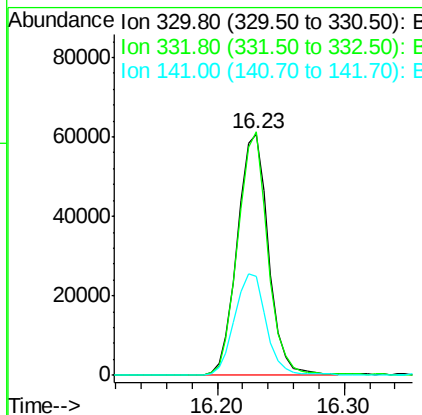
18-VE-PILE-WALL(0-2)MSD



Tgt Ion:	330	Resp:	103334
Ion Ratio	Lower	Upper	
330	100		
332	97.4	78.0	117.0
141	42.9	33.8	50.8

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#42

2,4,6-Trichlorophenol

Concen: 46.77 ng

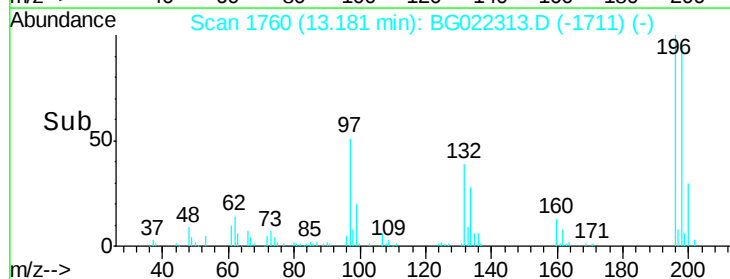
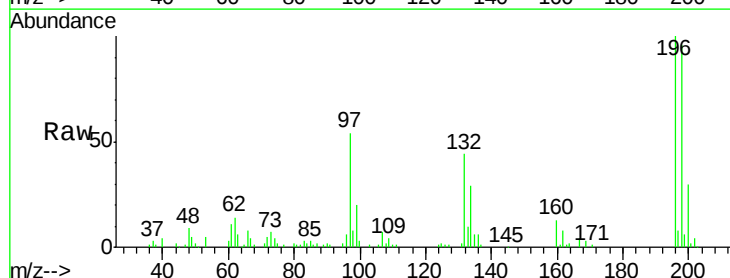
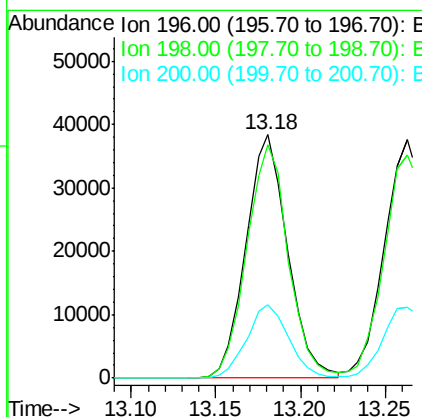
RT: 13.18 min Scan# 1760

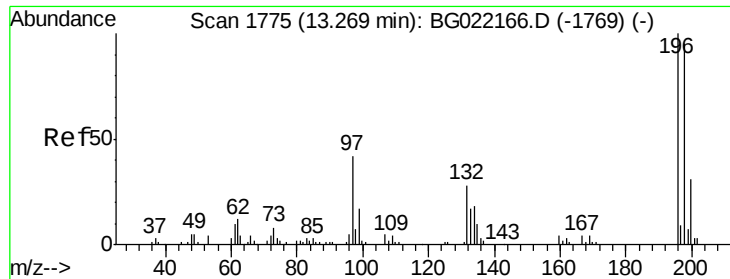
Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

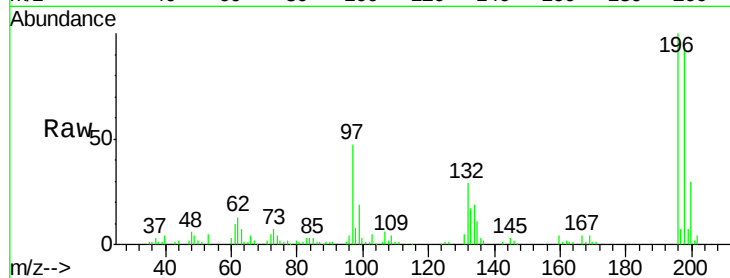
Tgt Ion:	196	Resp:	65723
Ion Ratio	Lower	Upper	
196	100		
198	96.1	80.1	120.1
200	29.9	24.1	36.1





#43
 2,4,5-Trichlorophenol
 Concen: 45.23 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

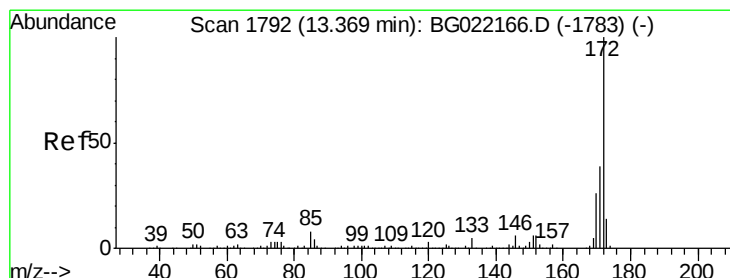
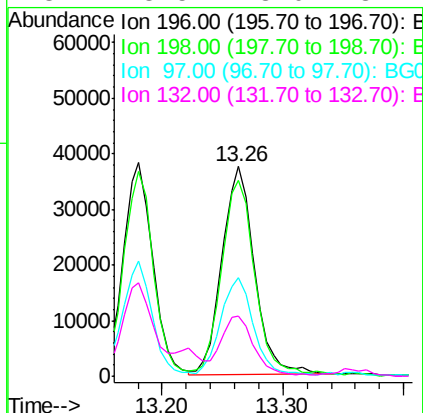
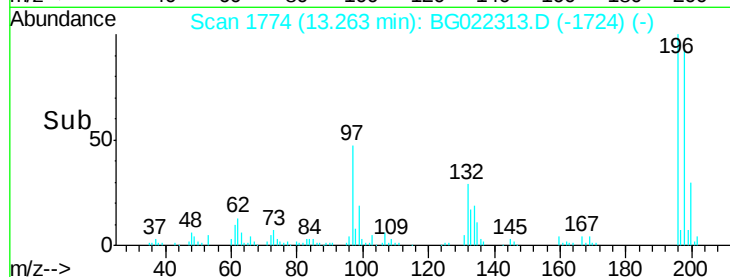
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD



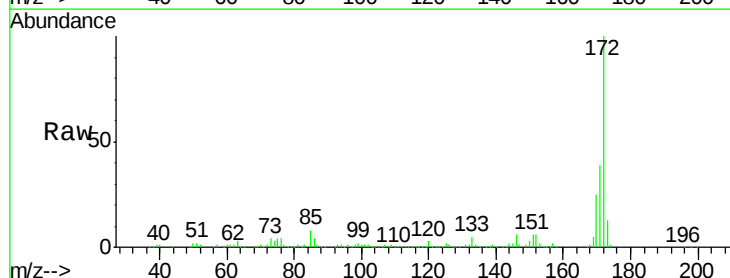
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70220		
198	93.5	78.0	117.0	
97	47.3	43.0	64.6	
132	28.5	23.0	34.4	

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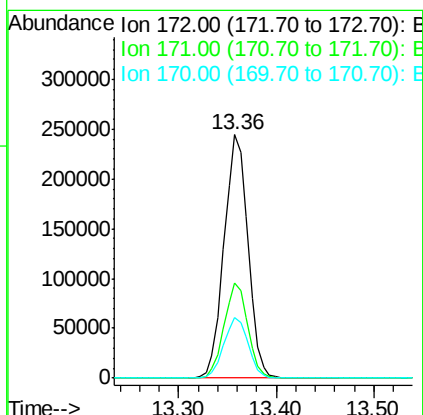
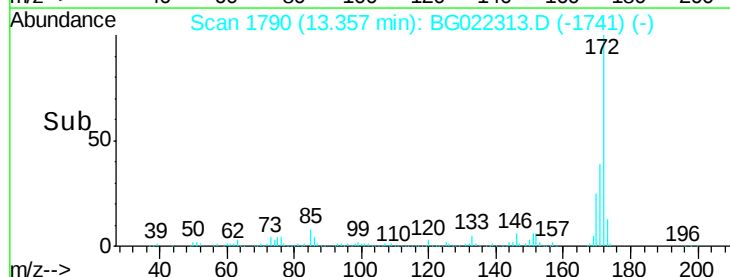
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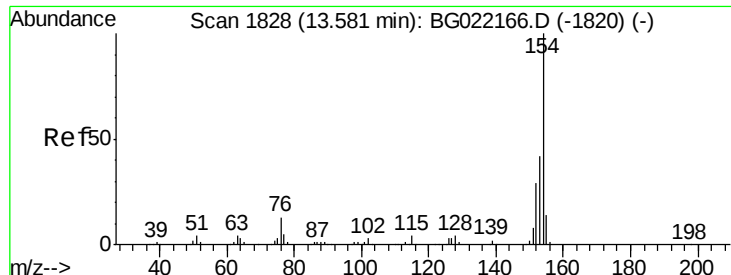


#44
 2-Fluorobiphenyl
 Concen: 77.60 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	414357		
171	39.1	27.8	41.6	
170	25.1	19.6	29.4	





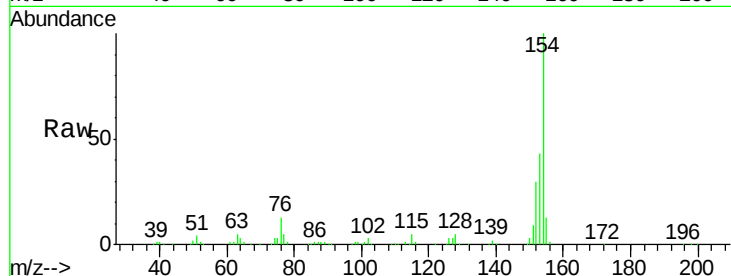
#45
 1,1'-Biphenyl
 Concen: 44.39 ng
 RT: 13.57 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

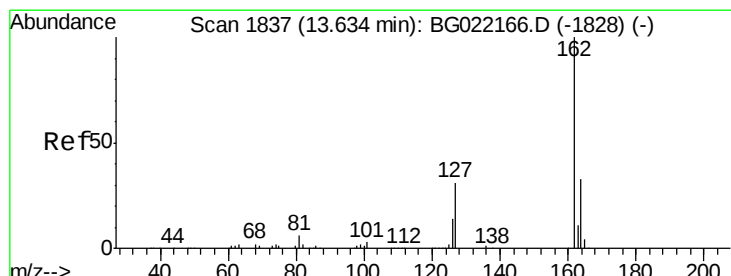
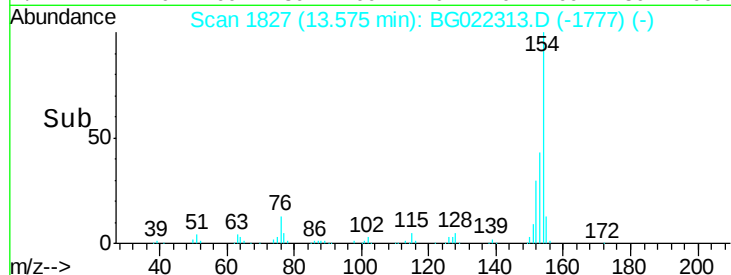
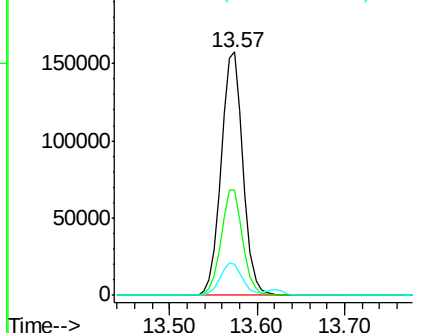
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	19.7	59.7
76	12.9	0.0	33.0

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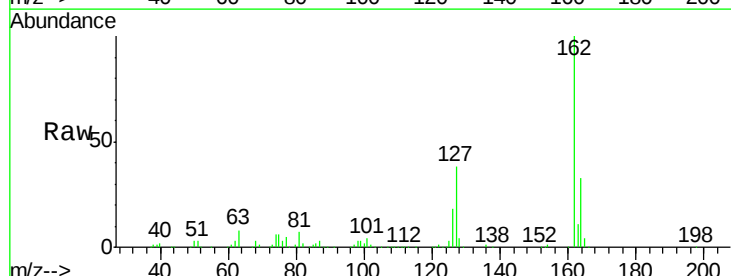


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

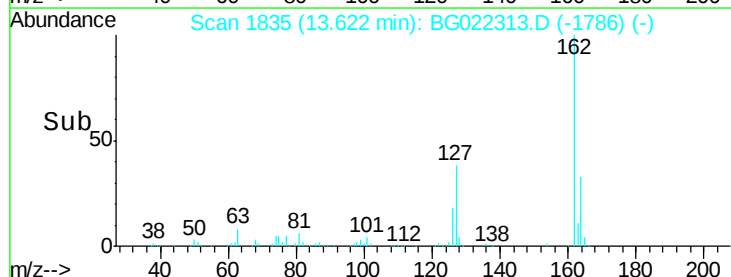
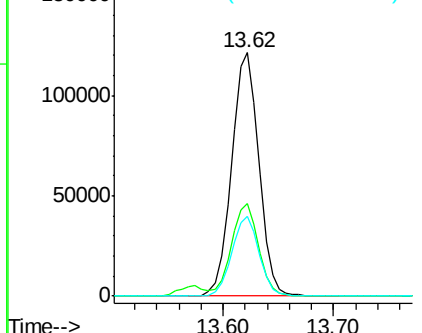


#46
 2-Chloronaphthalene
 Concen: 44.90 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.0	48.0
164	32.7	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





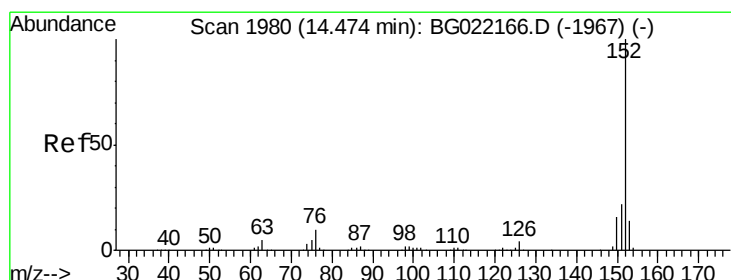
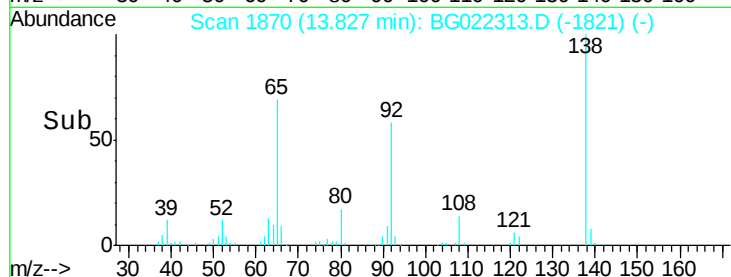
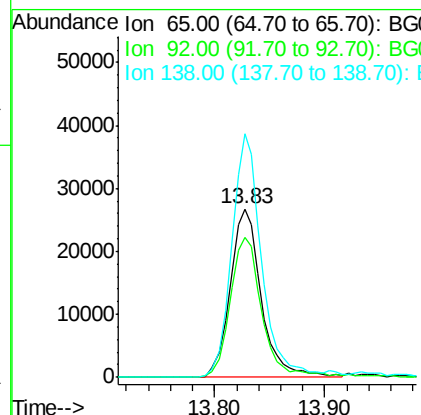
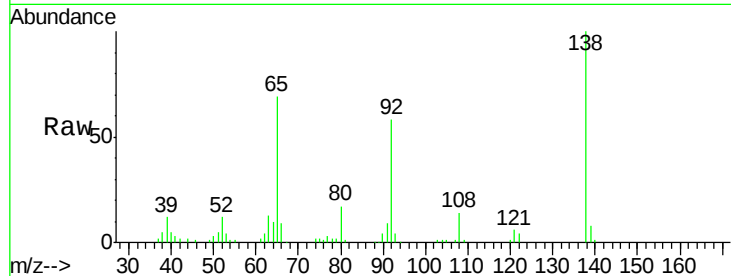
#47
 2-Nitroaniline
 Concen: 47.13 ng
 RT: 13.83 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	52753		
92	83.4	49.2	73.8#	
138	144.5	75.0	112.6#	

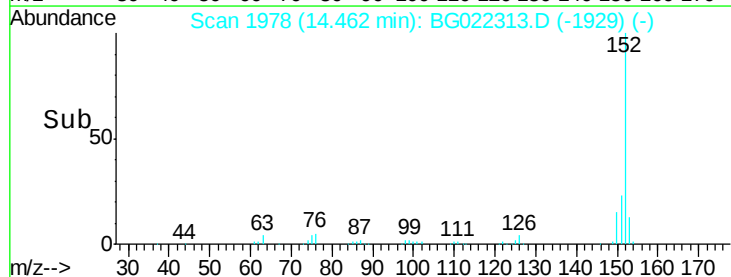
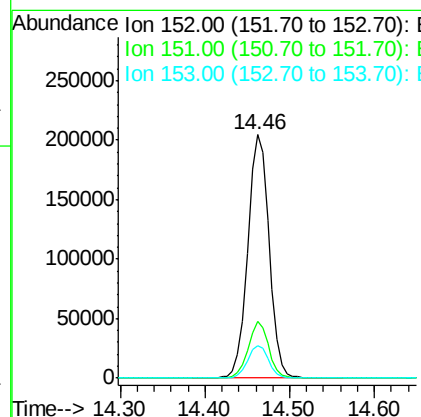
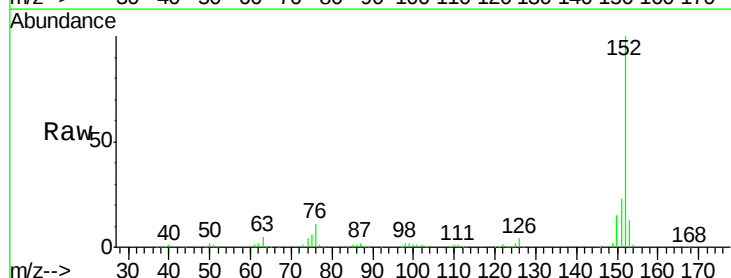
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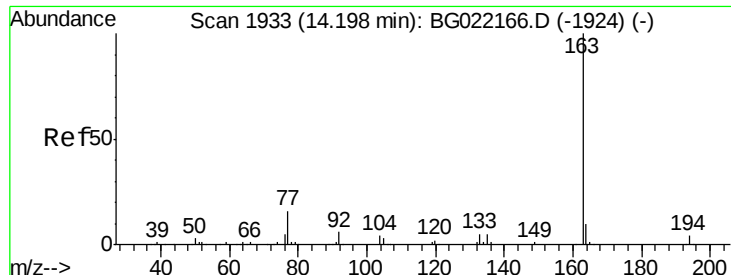
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#48
 Acenaphthylene
 Concen: 43.36 ng
 RT: 14.46 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	357168		
151	23.1	16.6	24.8	
153	13.3	10.2	15.2	





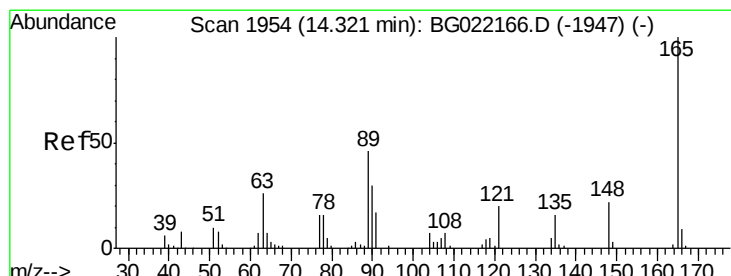
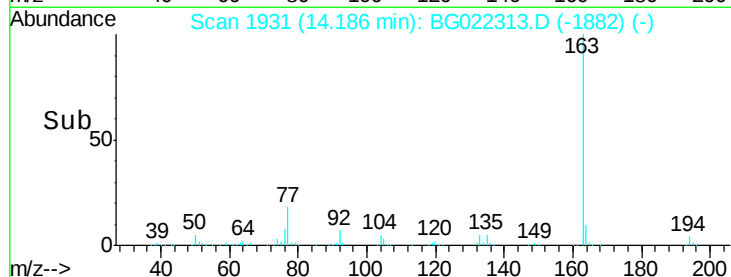
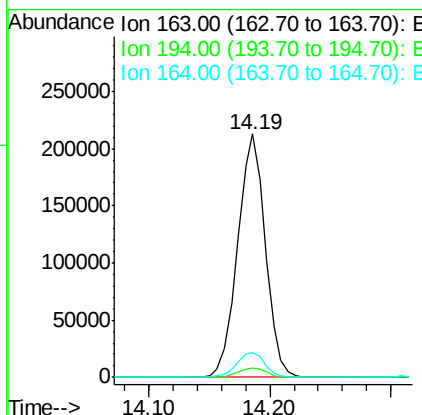
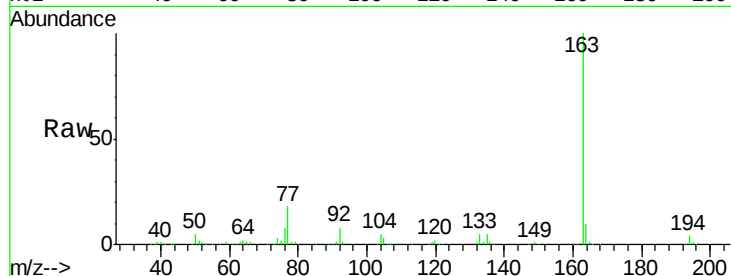
#49
Dimethylphthalate
Concen: 50.47 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	3.0	4.6
164	10.1	8.1	12.1

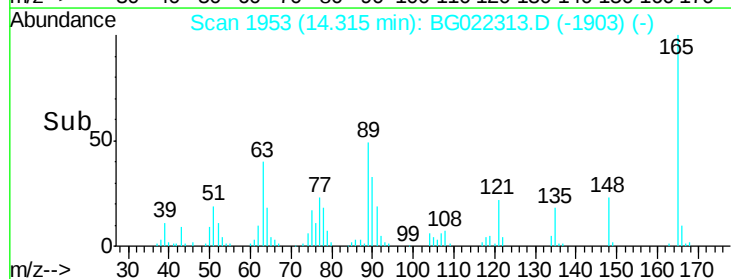
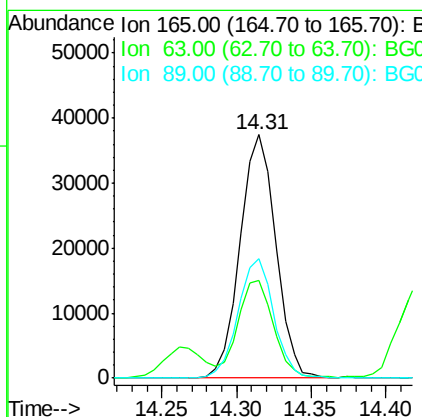
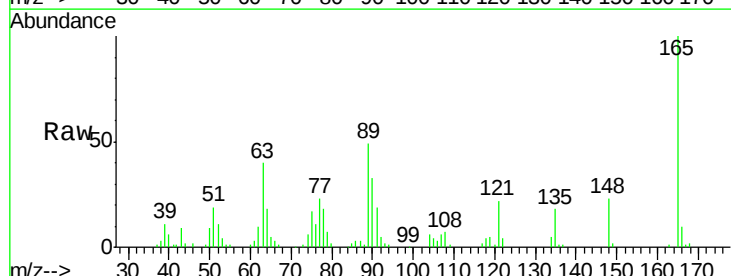
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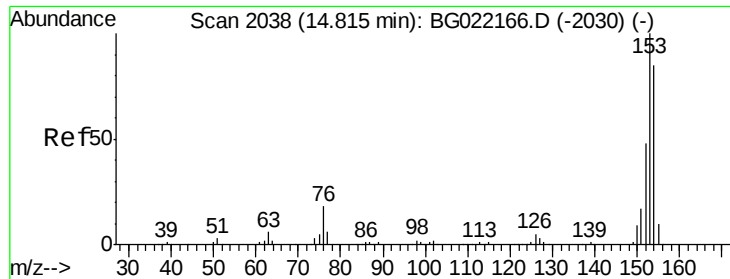
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#50
2,6-Dinitrotoluene
Concen: 42.38 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.1	48.2	72.4#
89	49.2	45.3	67.9





#51

Acenaphthene

Concen: 42.58 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG022313.D

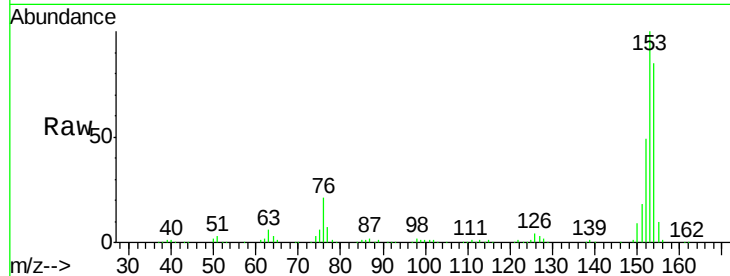
Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

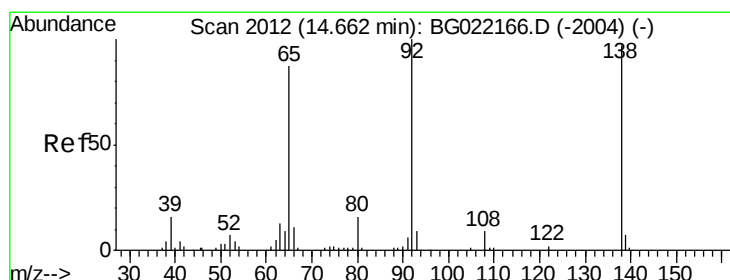
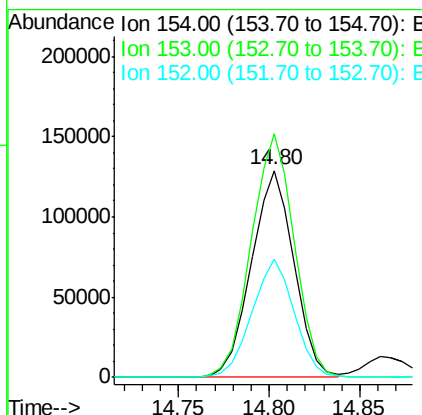
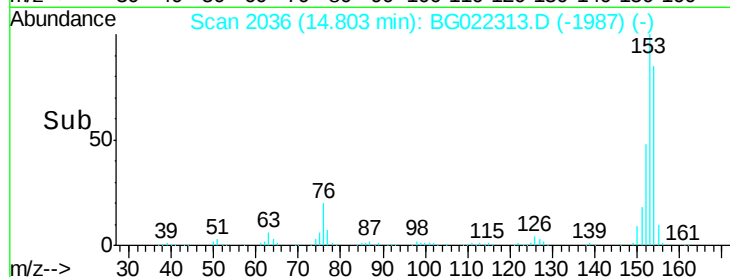
18-VE-PILE-WALL(0-2)MSD



Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.8	91.9	137.9
152	57.3	42.0	63.0

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#52

3-Nitroaniline

Concen: 23.74 ng

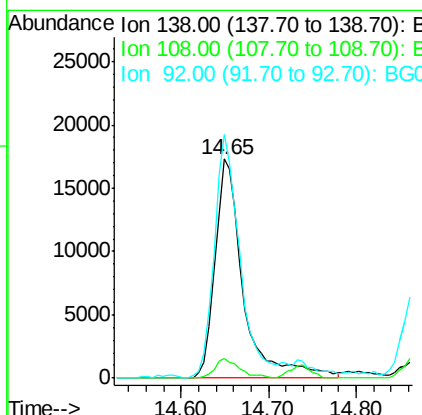
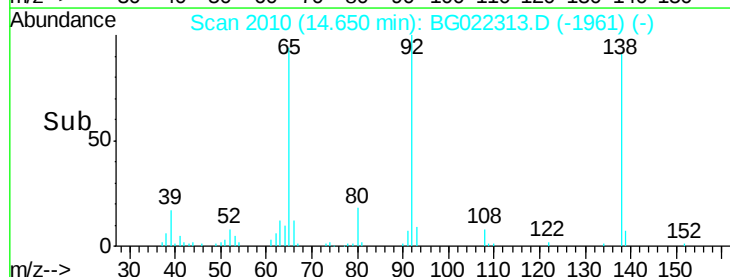
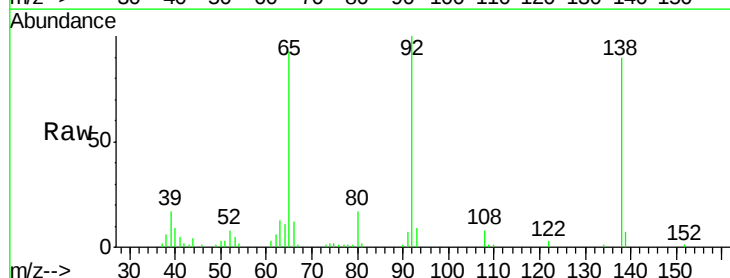
RT: 14.65 min Scan# 2010

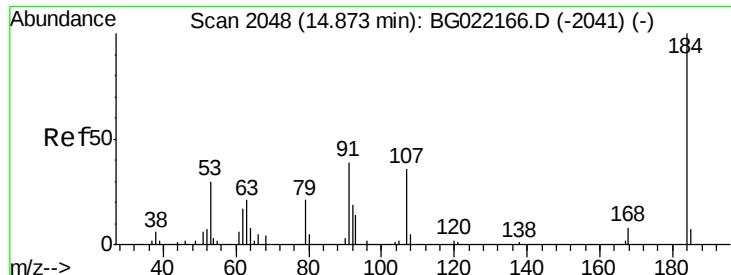
Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.7	9.1	13.7#
92	111.2	102.6	154.0





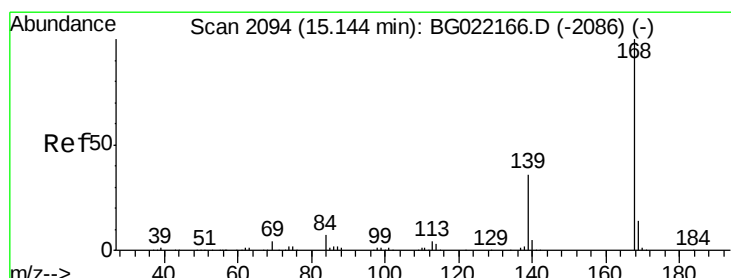
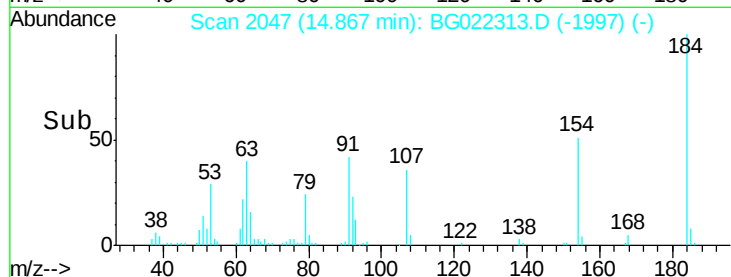
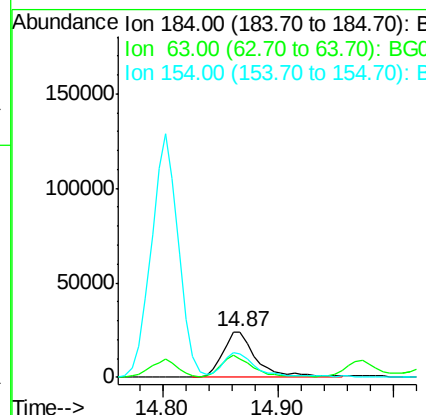
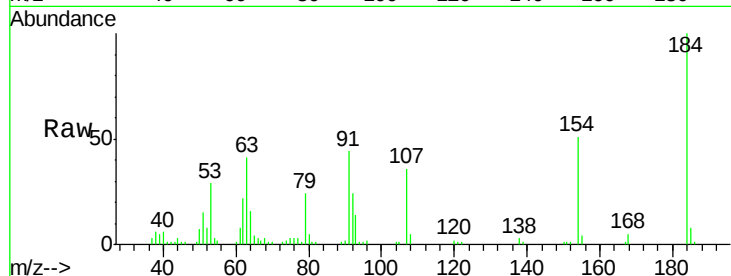
#53
 2,4-Dinitrophenol
 Concen: 80.17 ng
 RT: 14.87 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	48032		
63	41.4	57.3	85.9#	
154	51.4	55.2	82.8#	

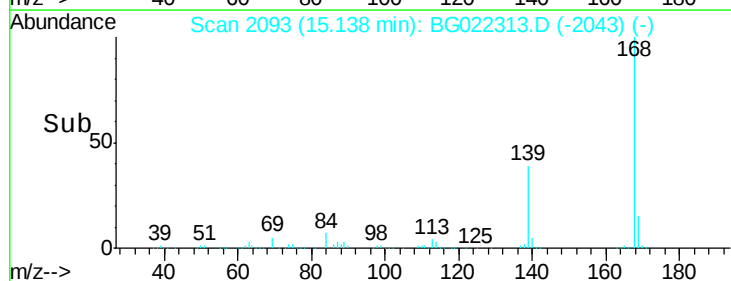
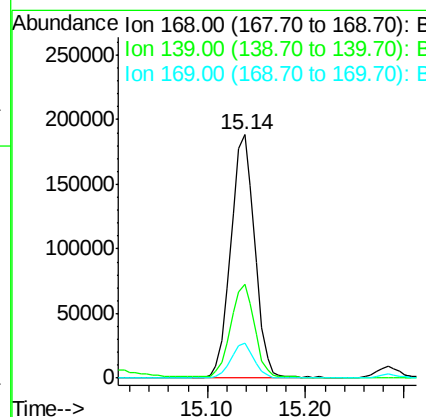
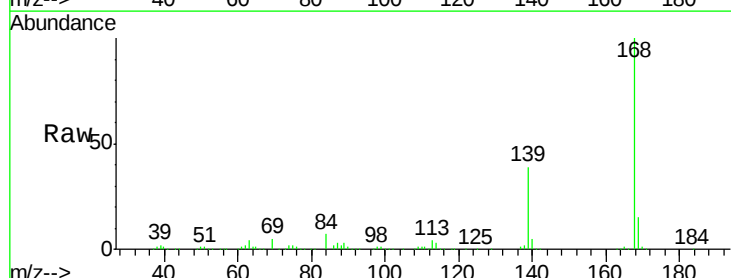
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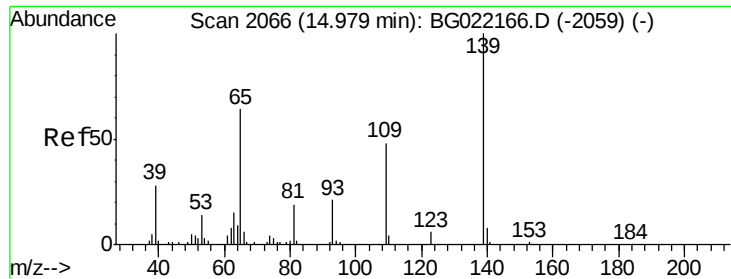
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#54
 Dibenzofuran
 Concen: 41.71 ng
 RT: 15.14 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	321183		
139	38.6	31.1	46.7	
169	14.5	11.0	16.6	





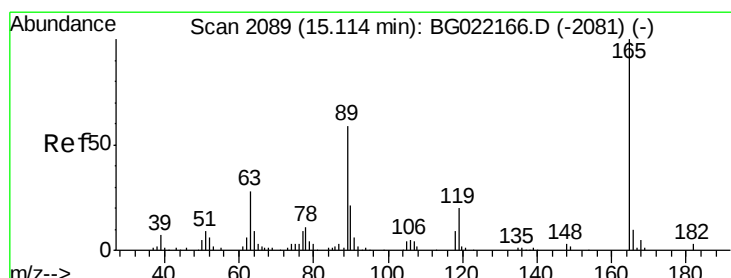
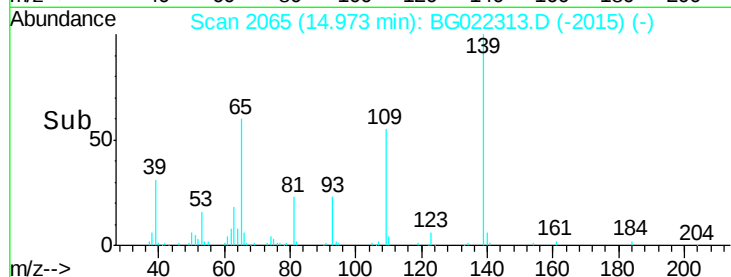
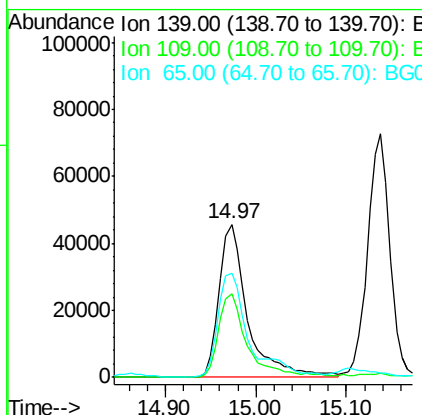
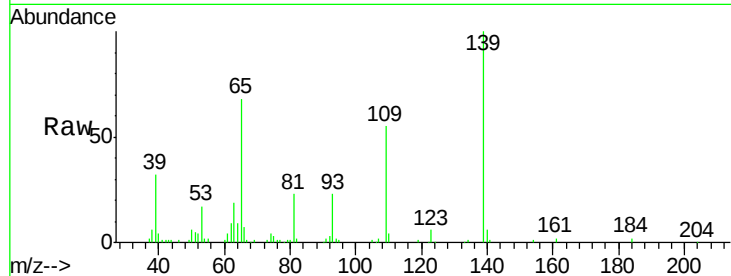
#55
4-Nitrophenol
Concen: 88.96 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	99874		
109	54.5	49.2	89.2	
65	67.6	83.2	123.2	

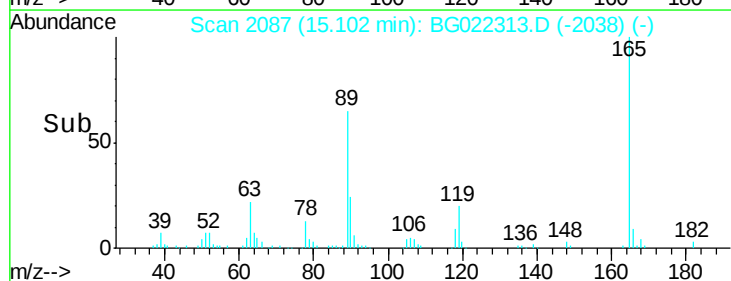
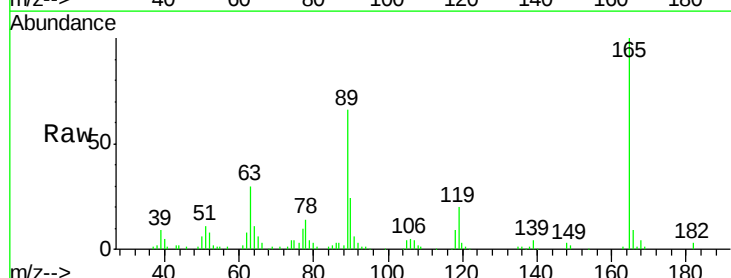
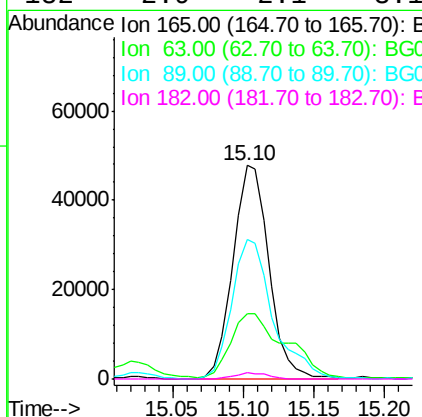
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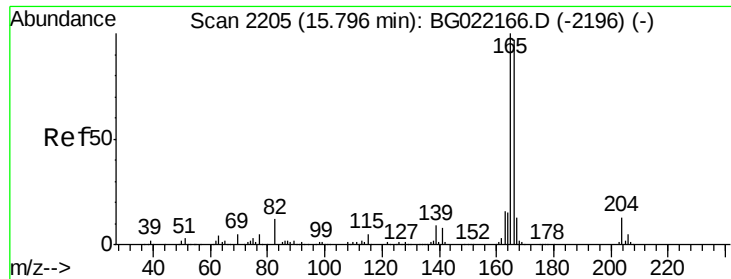
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#56
2,4-Dinitrotoluene
Concen: 43.26 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85115		
63	30.4	37.4	56.0	
89	65.6	59.4	89.0	
182	2.9	2.1	3.1	





#57

Fluorene

Concen: 40.91 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG022313.D

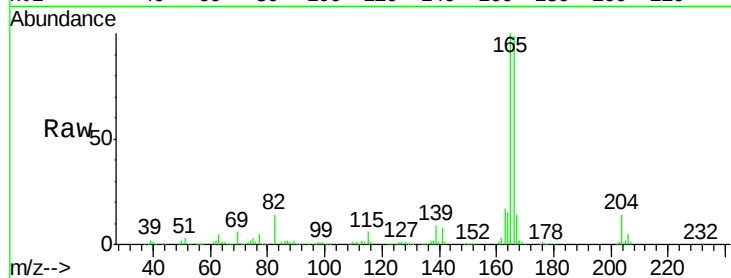
Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

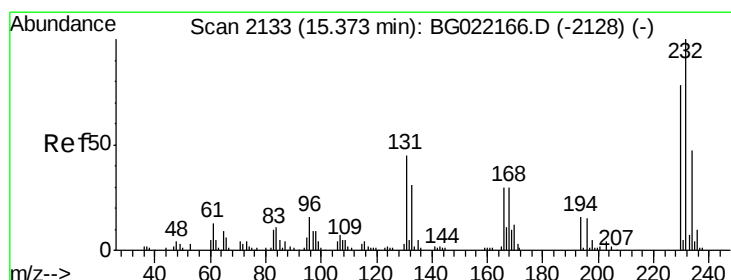
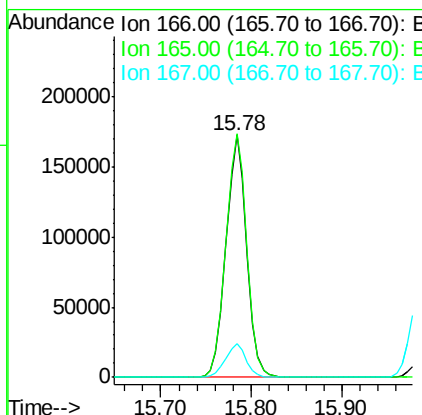
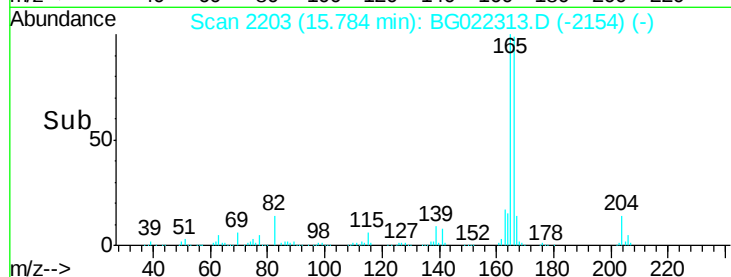
18-VE-PILE-WALL(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.6	79.0	118.4	
167	13.7	10.7	16.1	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.67 ng

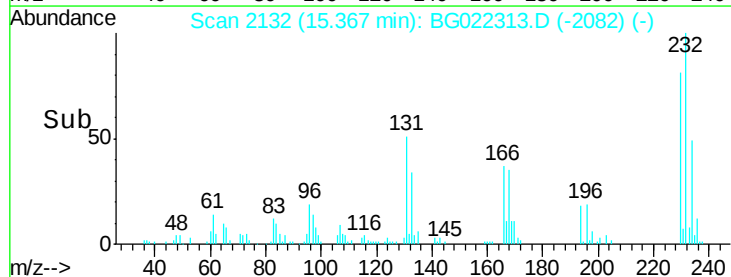
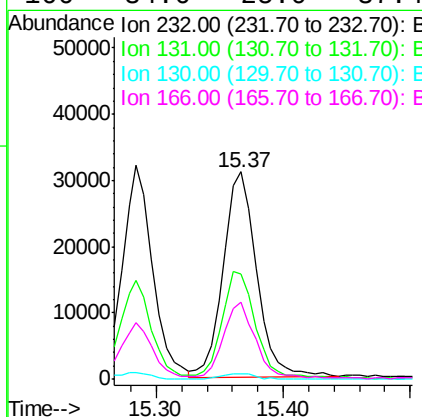
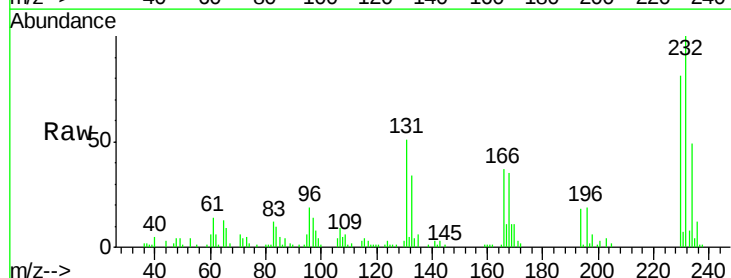
RT: 15.37 min Scan# 2132

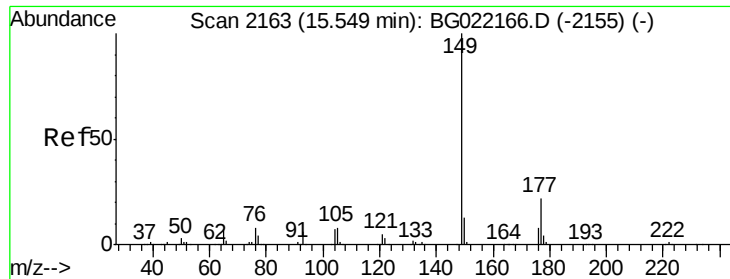
Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	51.6	36.3	54.5	
130	2.6	1.9	2.9	
166	34.6	25.0	37.4	





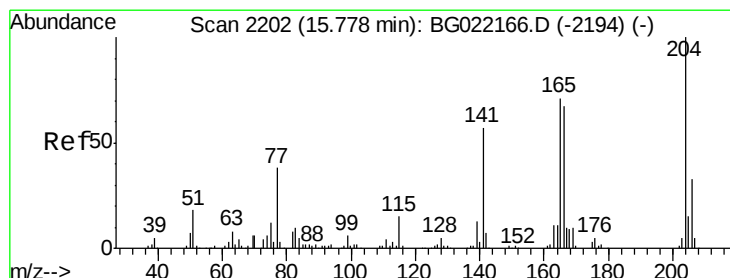
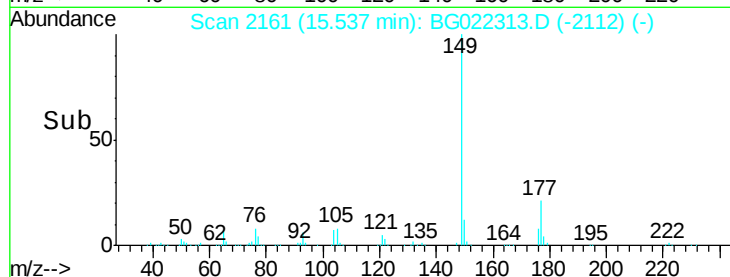
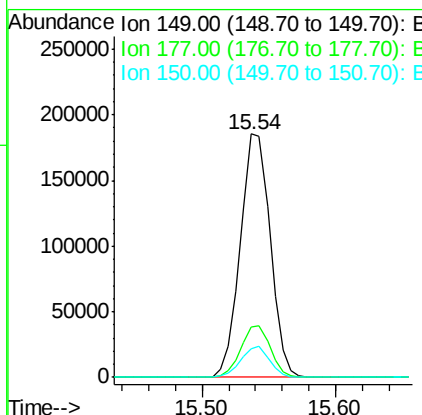
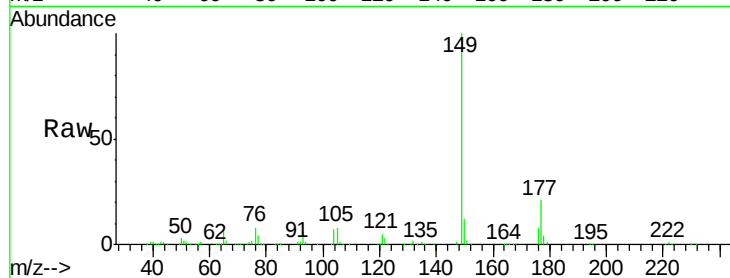
#59
Diethylphthalate
Concen: 39.84 ng
RT: 15.54 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.9	17.3	25.9
150	11.7	9.7	14.5

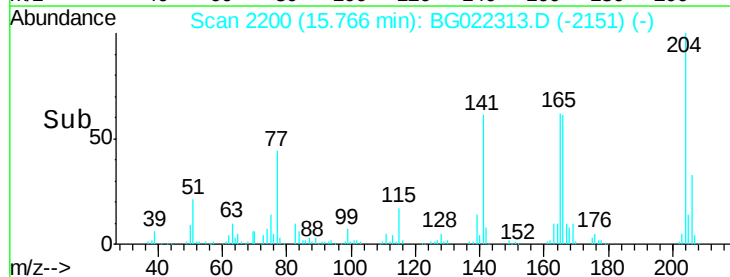
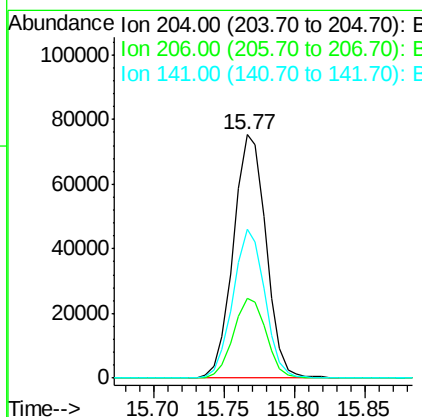
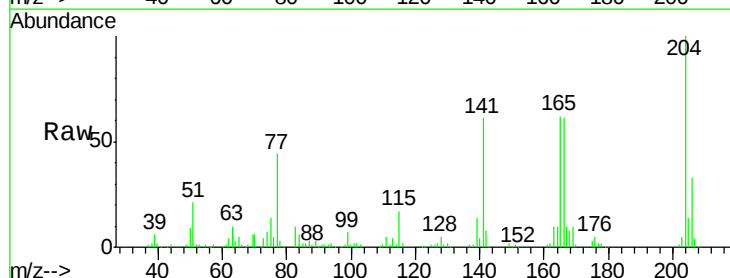
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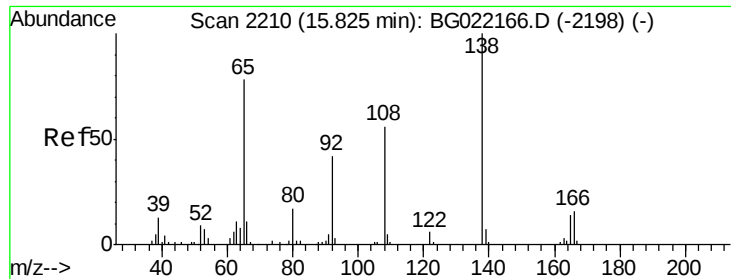
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#60
4-Chlorophenyl-phenylether
Concen: 40.47 ng
RT: 15.77 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.8	27.8	41.8
141	61.2	51.0	76.4





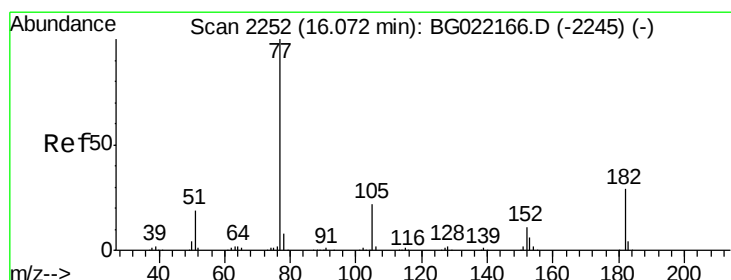
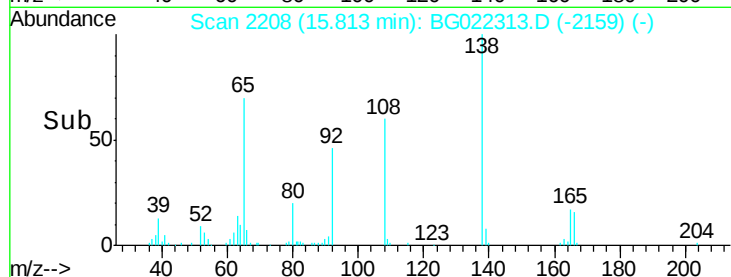
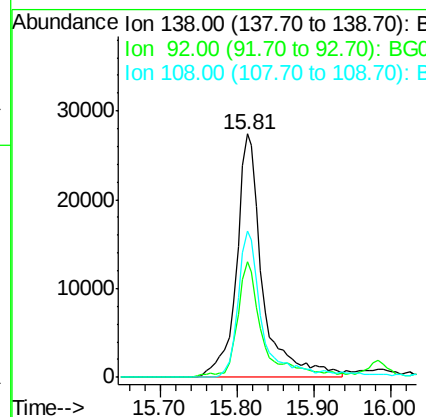
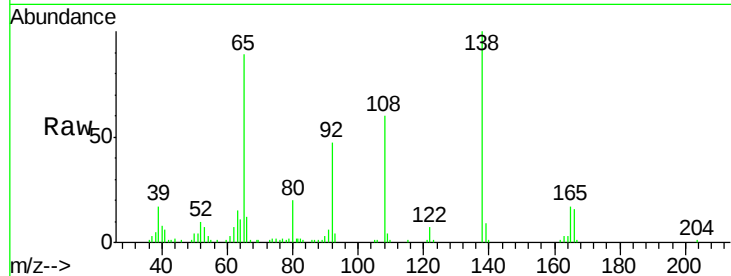
#61
4-Nitroaniline
Concen: 37.73 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	37.7	77.7
108	60.2	59.4	99.4

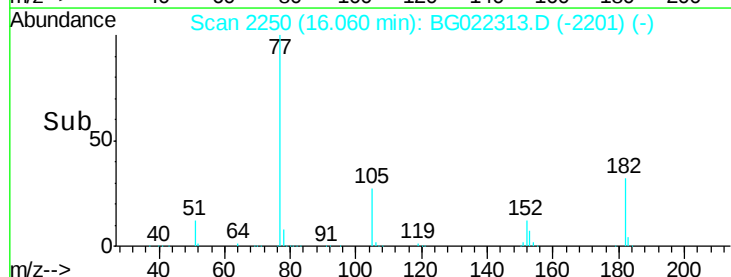
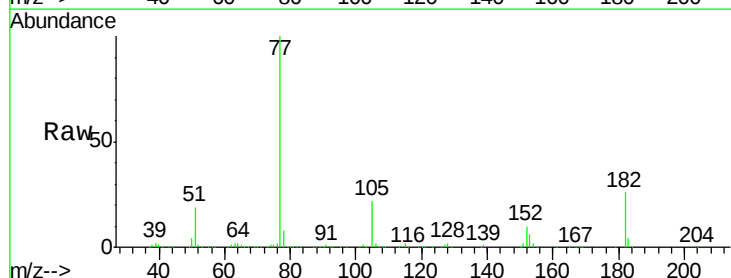
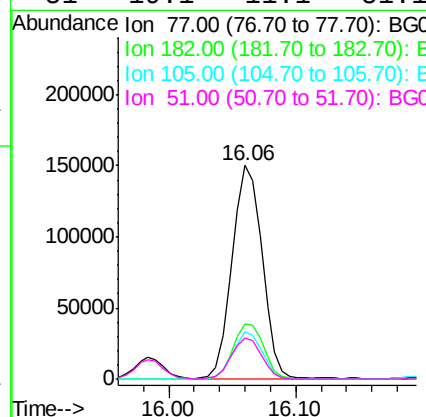
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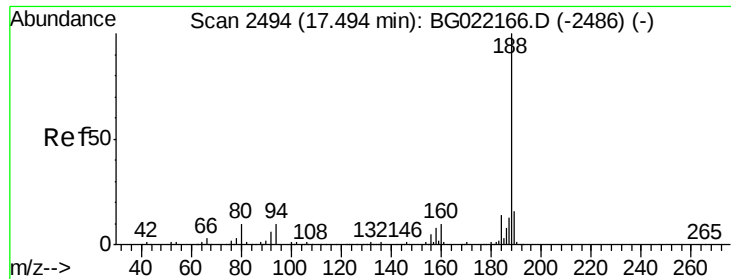
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#62
Azobenzene
Concen: 44.83 ng
RT: 16.06 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.1	44.1
105	22.0	0.0	39.8
51	19.1	11.1	51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

18-VE-PILE-WALL(0-2)MSD

Tgt Ion:188 Resp: 175126
Ion Ratio Lower Upper

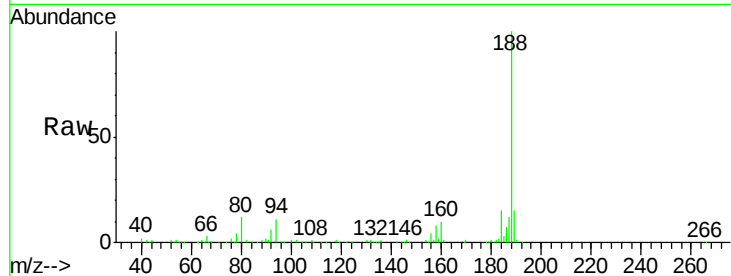
188 100

94 11.3 7.5 11.3#

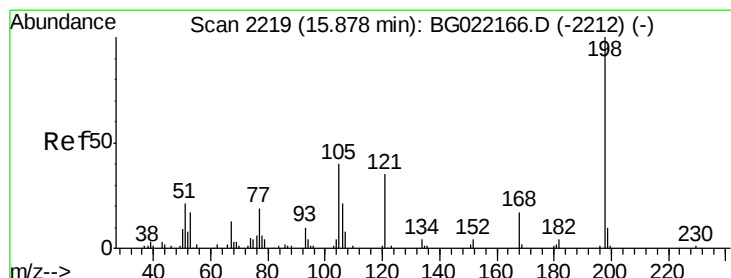
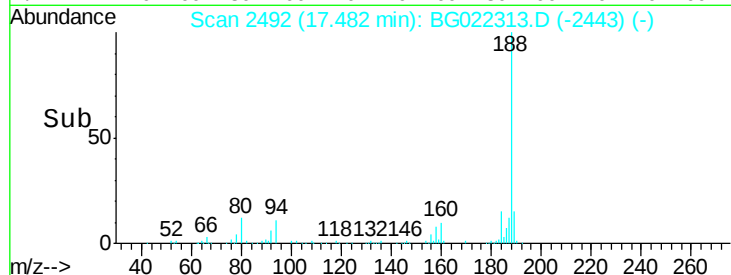
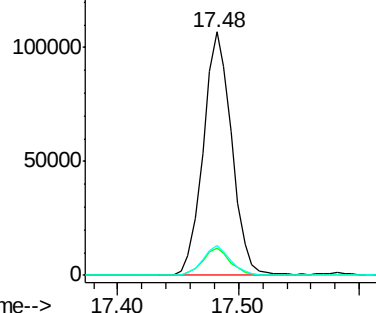
80 12.2 8.6 13.0

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Abundance Ion 188.00 (187.70 to 188.70): E
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: 45.20 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG022313.D

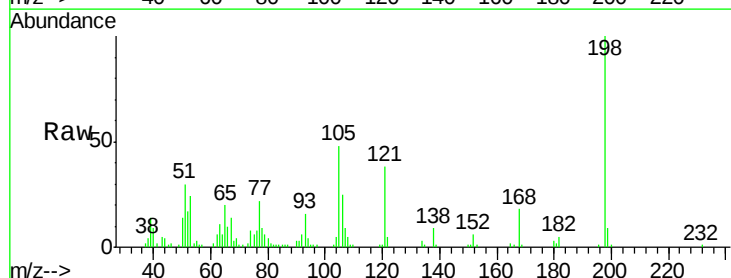
Acq: 11 Jun 2016 8:36

Tgt Ion:198 Resp: 39812
Ion Ratio Lower Upper

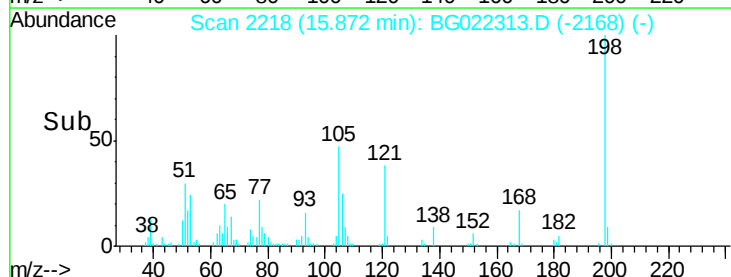
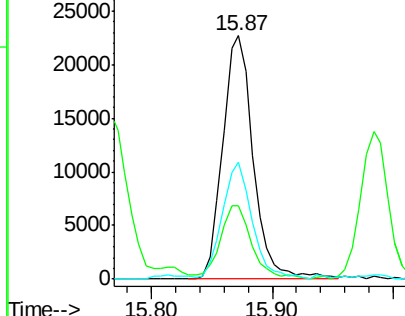
198 100

51 30.4 29.2 69.2

105 48.0 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





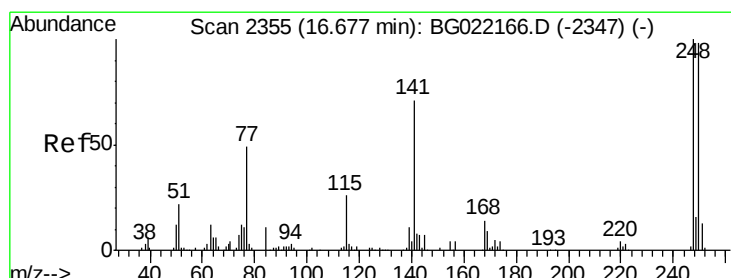
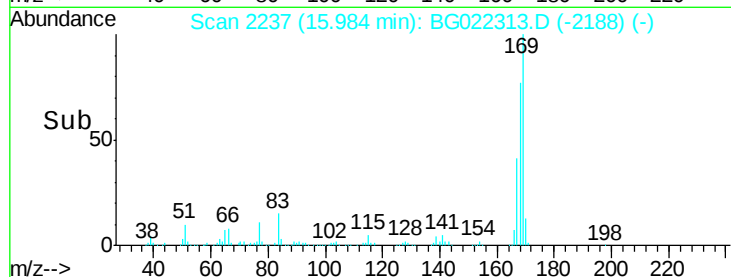
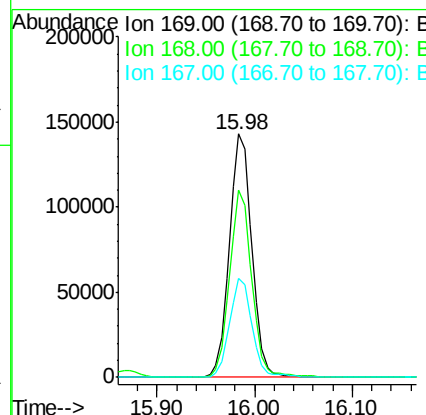
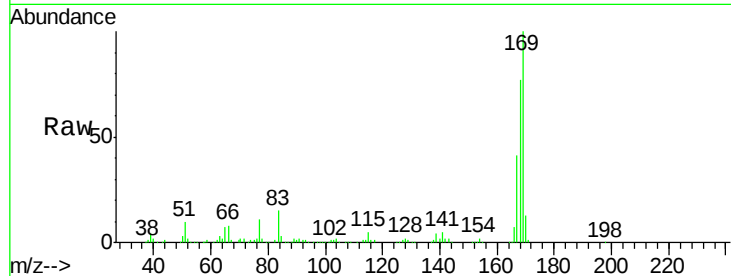
#65
n-Nitrosodiphenylamine
Concen: 45.17 ng
RT: 15.98 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	227864		
168	76.8	59.6	89.4	
167	40.6	31.2	46.8	

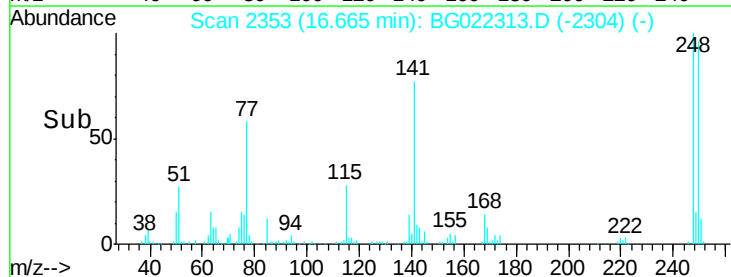
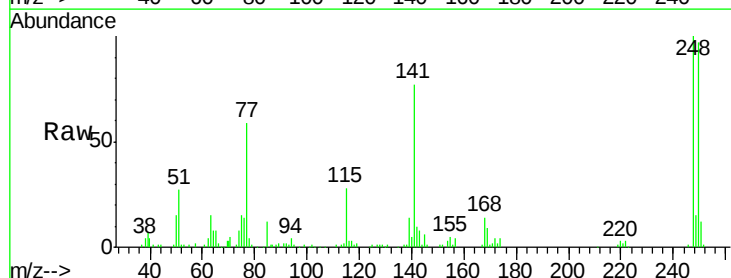
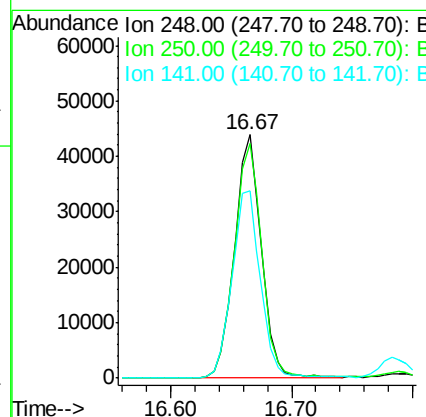
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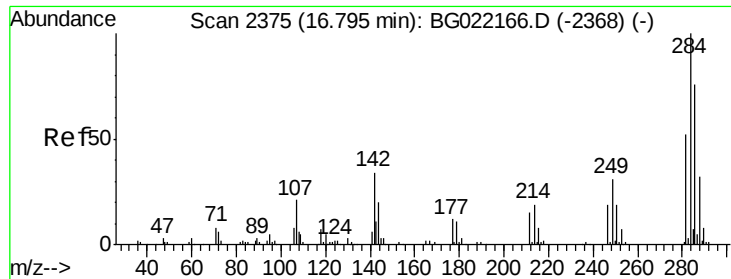
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#66
4-Bromophenyl-phenylether
Concen: 41.54 ng
RT: 16.67 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	68169		
250	96.6	76.6	114.8	
141	77.1	63.8	95.6	





#67

Hexachlorobenzene

Concen: 40.05 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG022313.D

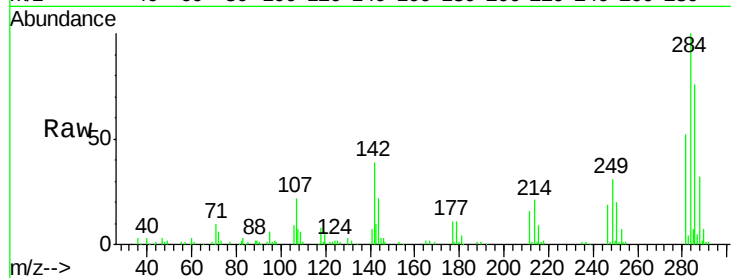
Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

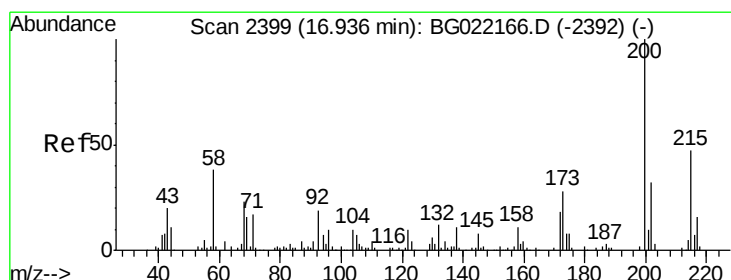
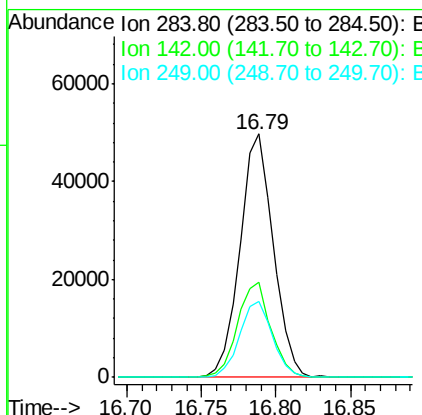
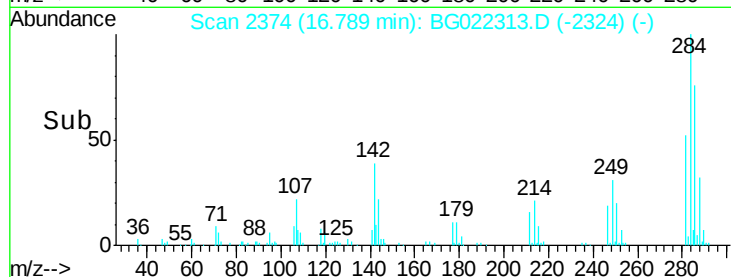
18-VE-PILE-WALL(0-2)MSD



Tgt Ion:	284	Resp:	76603
Ion Ratio	Lower	Upper	
284	100		
142	39.2	31.8	47.6
249	33.5	27.3	40.9

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#68

Atrazine

Concen: 40.25 ng

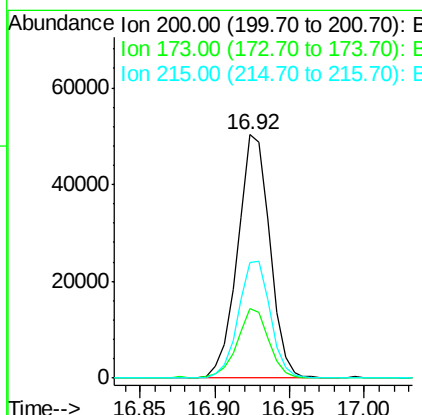
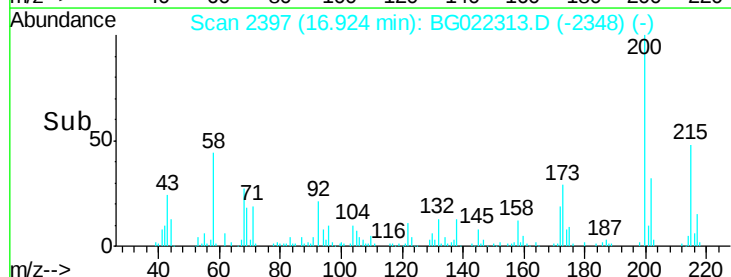
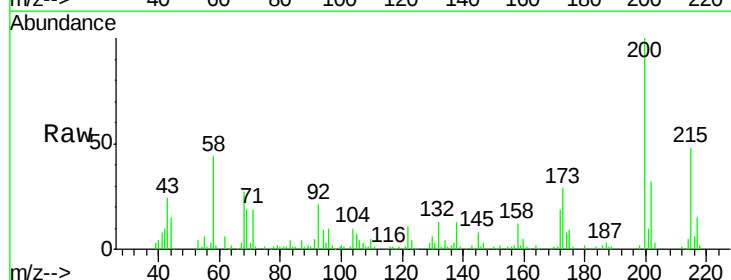
RT: 16.92 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:	200	Resp:	75161
Ion Ratio	Lower	Upper	
200	100		
173	28.8	5.1	45.1
215	47.7	28.0	68.0





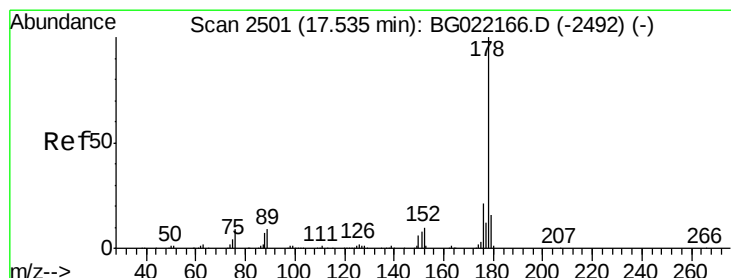
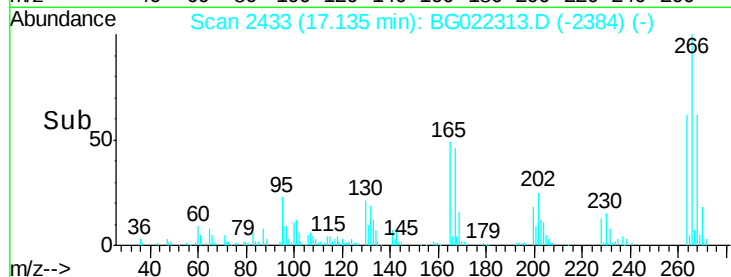
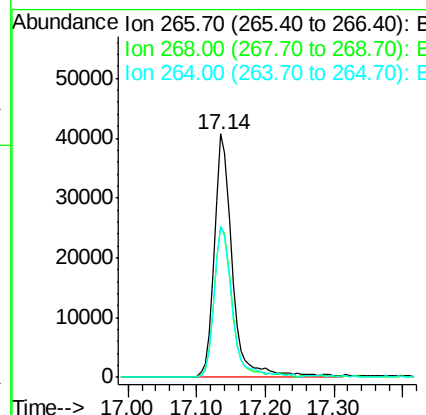
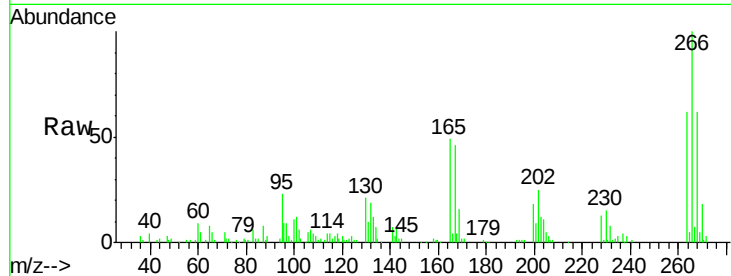
#69
 Pentachlorophenol
 Concen: 85.73 ng
 RT: 17.14 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	74788		
268	66.5	54.5	81.7	
264	66.9	53.8	80.6	

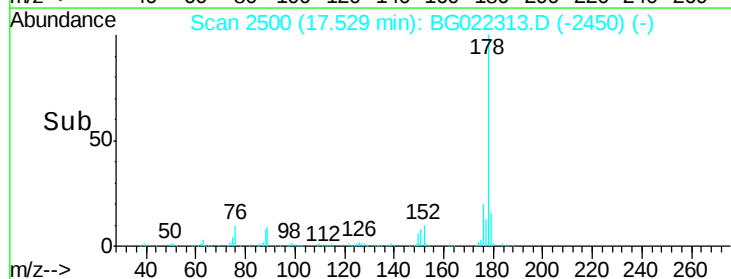
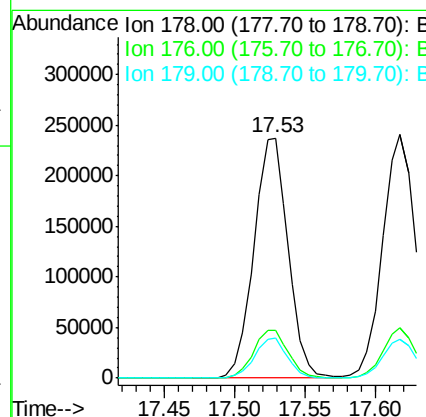
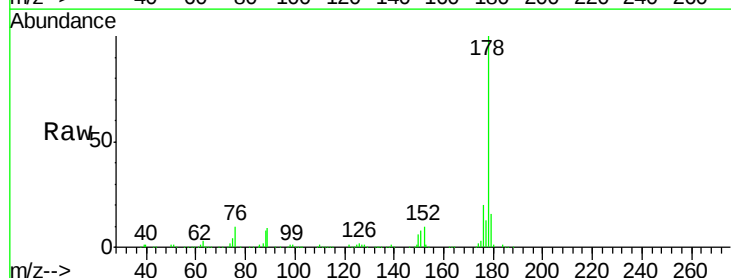
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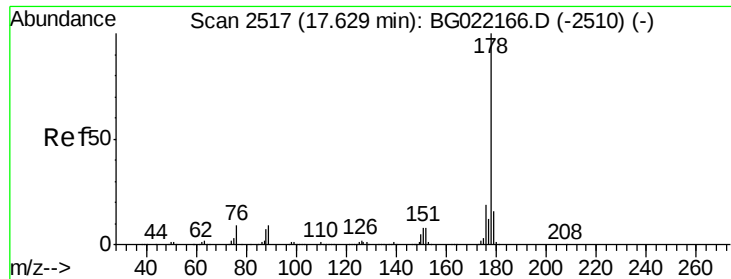
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#70
 Phenanthrene
 Concen: 42.57 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	404899		
176	19.8	16.2	24.4	
179	16.4	12.0	18.0	





#71

Anthracene

Concen: 42.18 ng

RT: 17.62 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

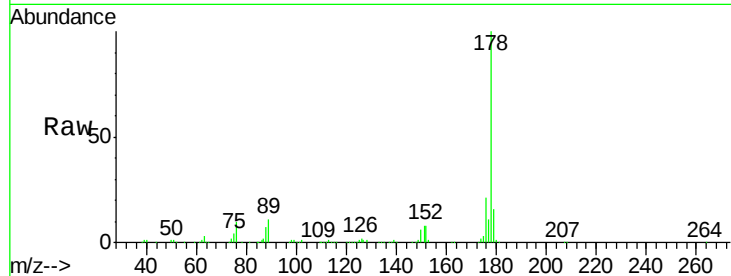
ClientSampleId :

18-VE-PILE-WALL(0-2)MSD

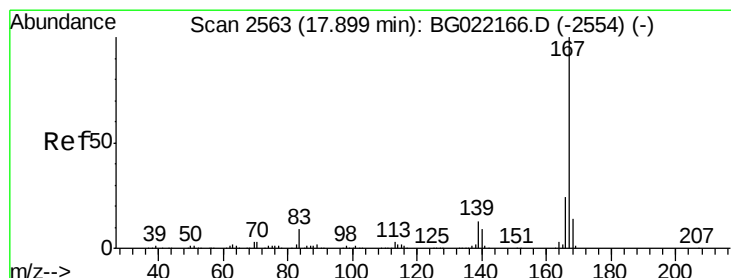
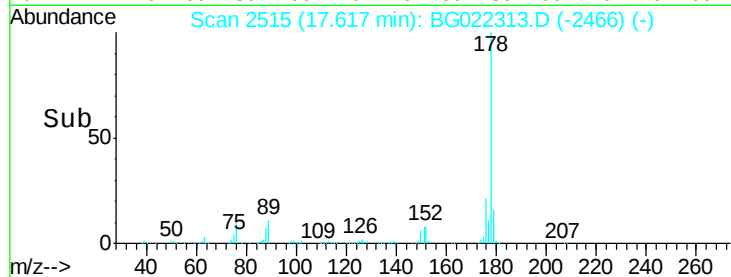
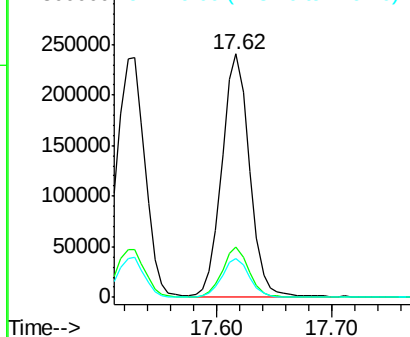
Tgt Ion:	178	Resp:	397944
Ion Ratio	Lower	Upper	
178	100		
176	20.7	15.0	22.4
179	16.1	12.2	18.4

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



#72

Carbazole

Concen: 42.58 ng

RT: 17.89 min Scan# 2561

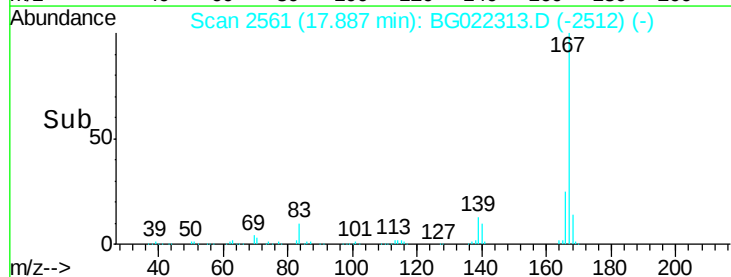
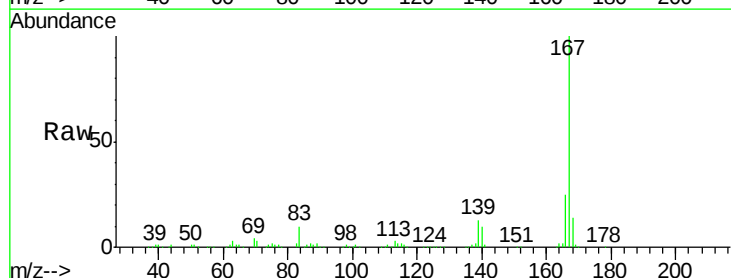
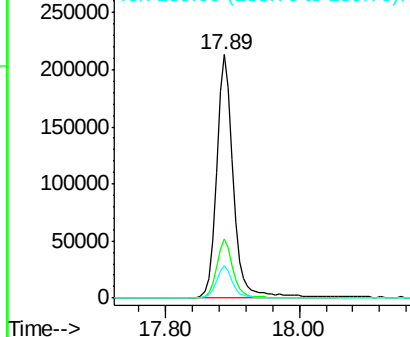
Delta R.T. -0.01 min

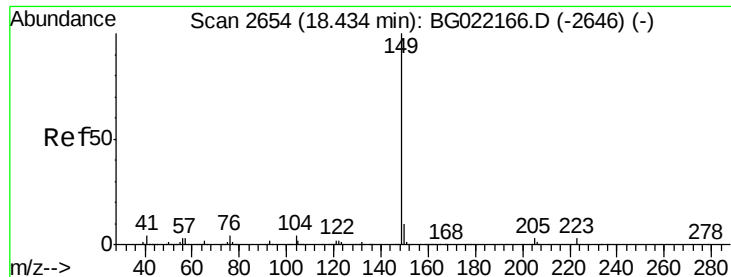
Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:	167	Resp:	380395
Ion Ratio	Lower	Upper	
167	100		
166	24.5	18.6	27.8
139	13.2	10.6	15.8

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.85 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

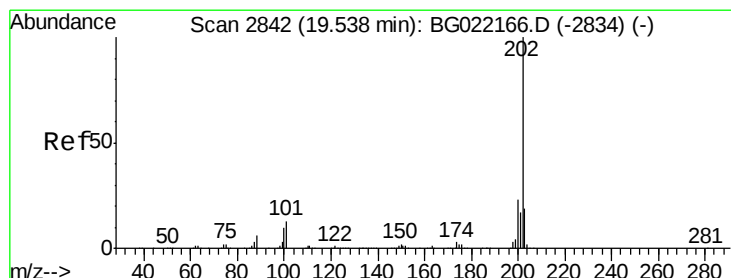
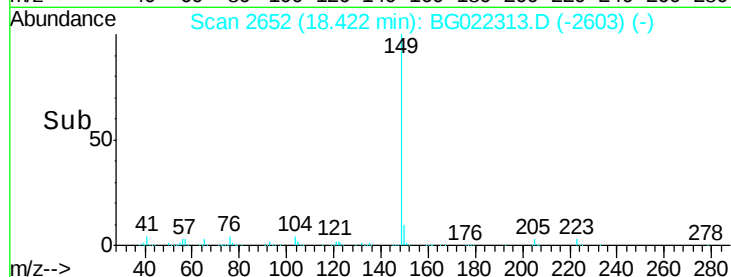
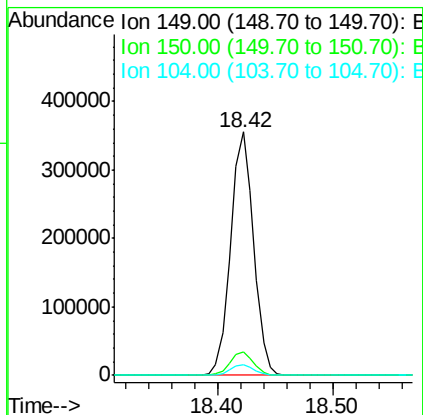
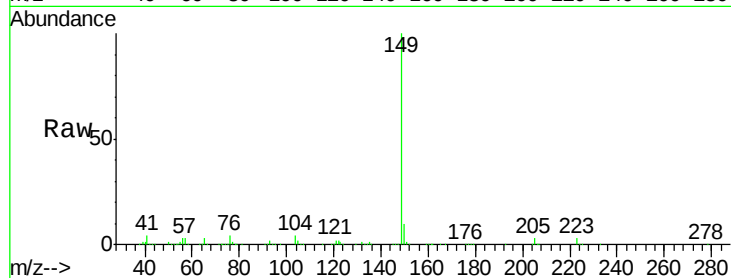
ClientSampleId :

18-VE-PILE-WALL(0-2)MSD

Tgt Ion:	149	Resp:	488823
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.0
104	4.4	4.0	6.0

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#74

Fluoranthene

Concen: 39.79 ng

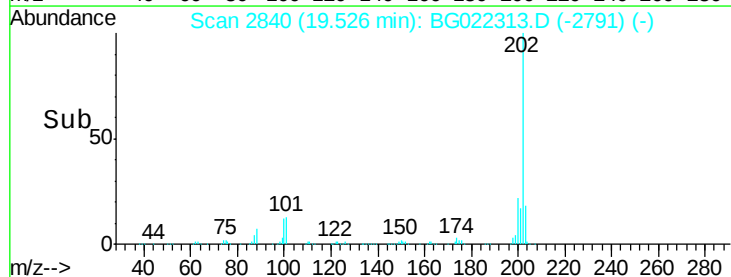
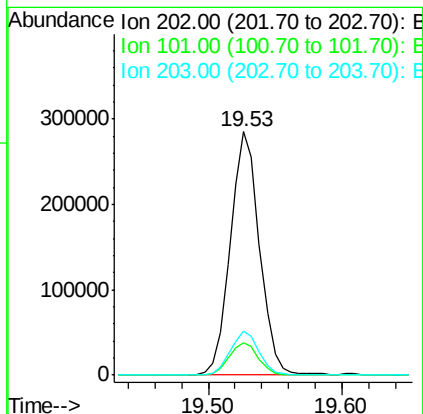
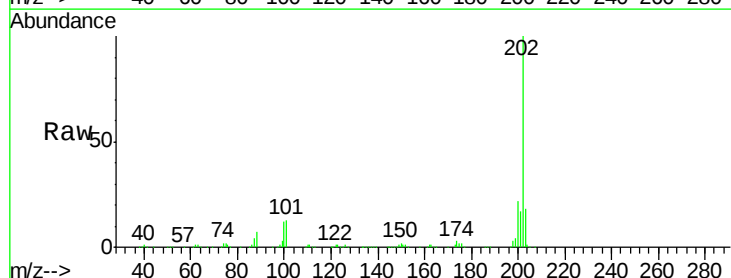
RT: 19.53 min Scan# 2840

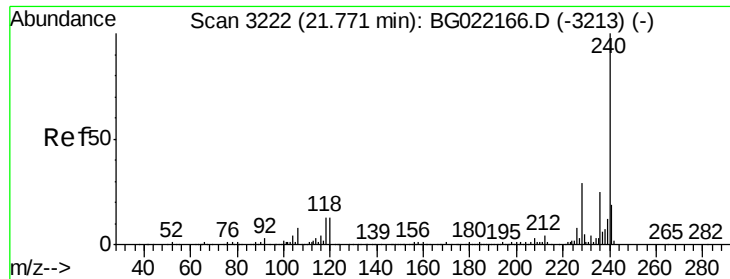
Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:	202	Resp:	435083
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	31.0
203	18.1	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

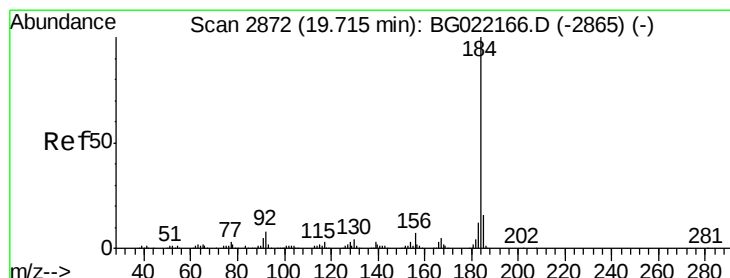
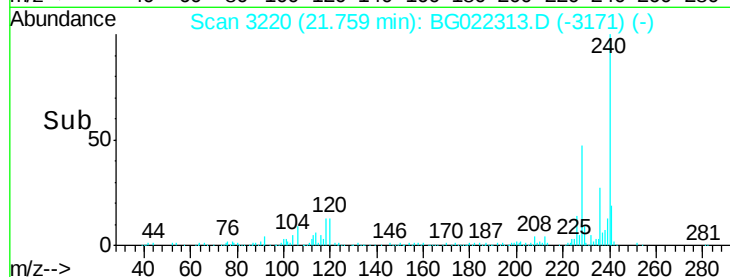
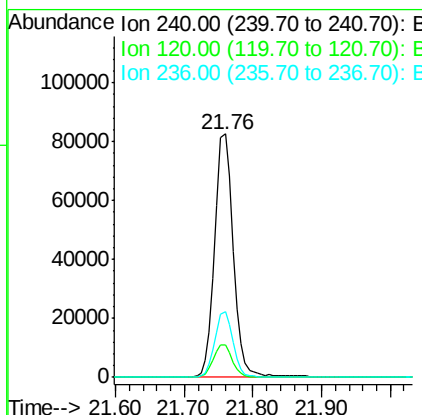
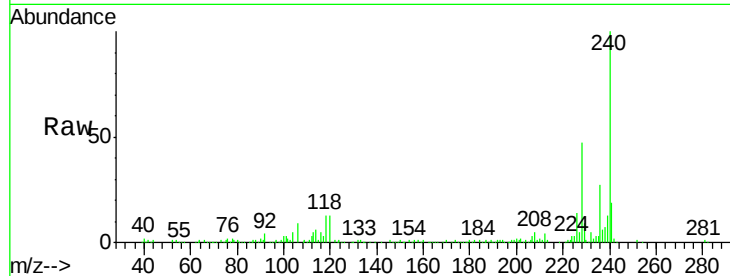
ClientSampleId :

18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	156684		
120	13.4	8.4	12.6#	
236	26.9	19.6	29.4	

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#76

Benzidine

Concen: 5.59 ng

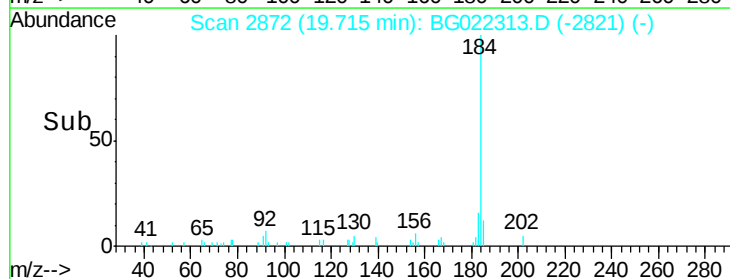
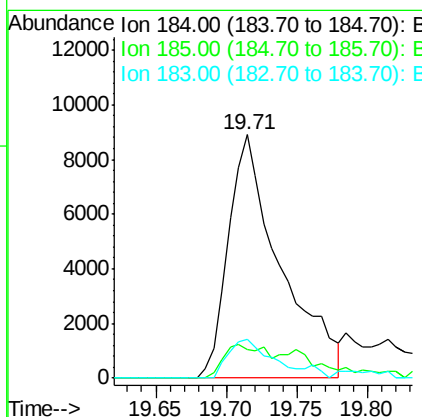
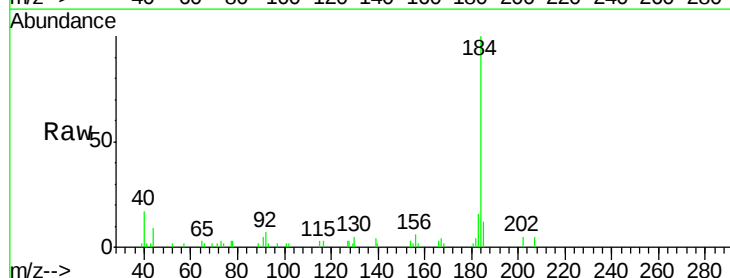
RT: 19.71 min Scan# 2872

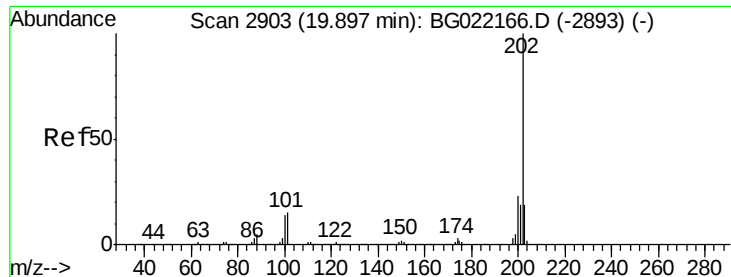
Delta R.T. -0.00 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	22885		
185	11.5	11.5	17.3	
183	15.8	10.2	15.4#	





#77

Pyrene

Concen: 44.70 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

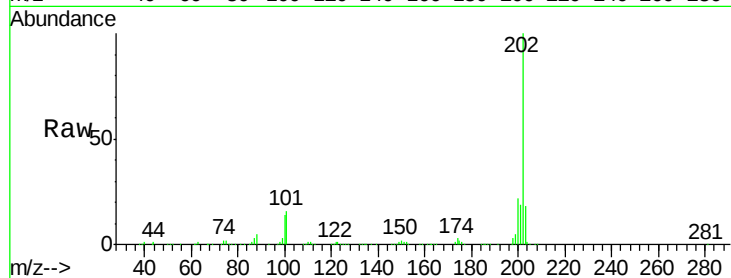
ClientSampleId :

18-VE-PILE-WALL(0-2)MSD

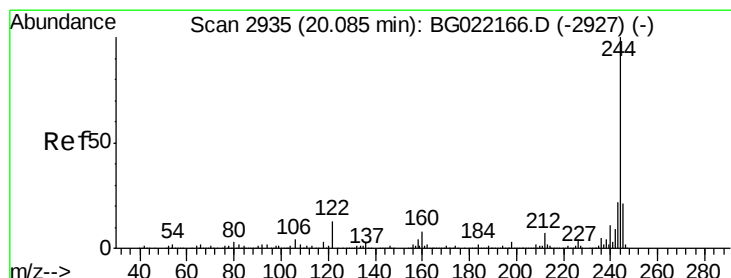
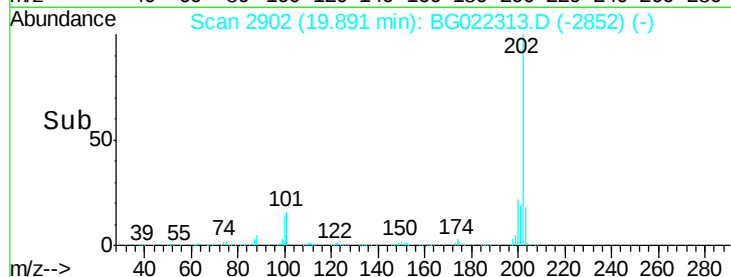
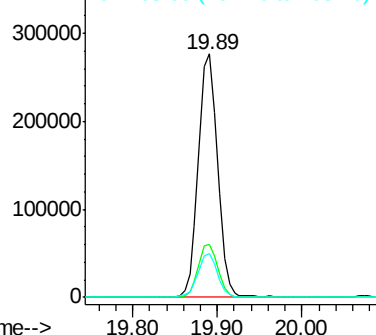
Tgt	Ion	202	Resp:	435397
Ion	Ratio		Lower	Upper
202	100			
200	22.0	18.2	27.2	
203	18.2	15.0	22.4	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.43 ng

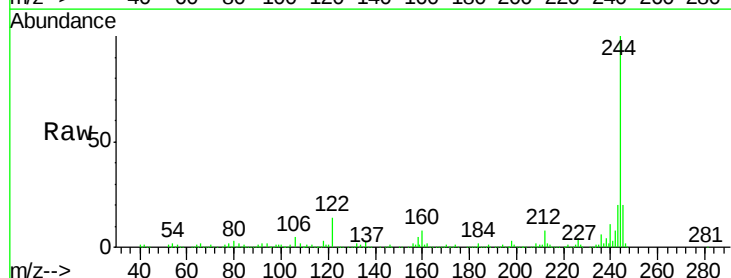
RT: 20.07 min Scan# 2933

Delta R.T. -0.01 min

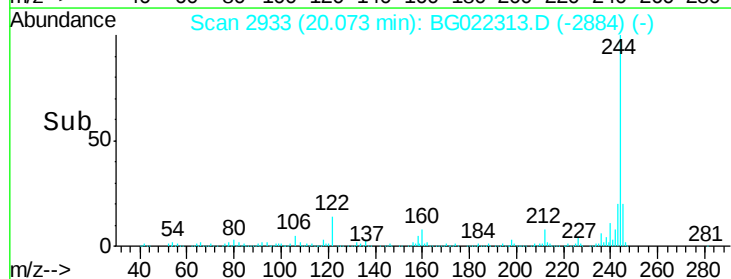
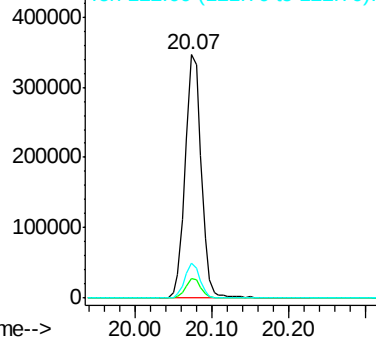
Lab File: BG022313.D

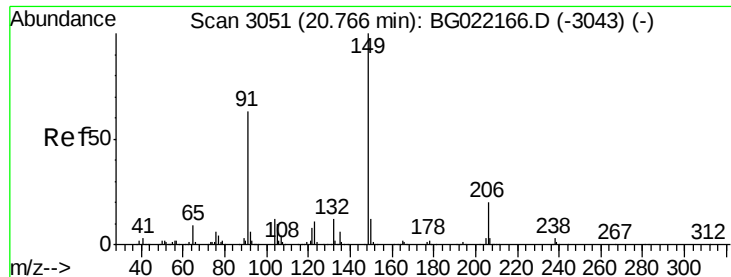
Acq: 11 Jun 2016 8:36

Tgt	Ion	244	Resp:	497790
Ion	Ratio		Lower	Upper
244	100			
212	7.9	6.5	9.7	
122	14.3	8.6	12.8#	



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.92 ng

RT: 20.75 min Scan# 3049

Delta R.T. -0.01 min

Lab File: BG022313.D

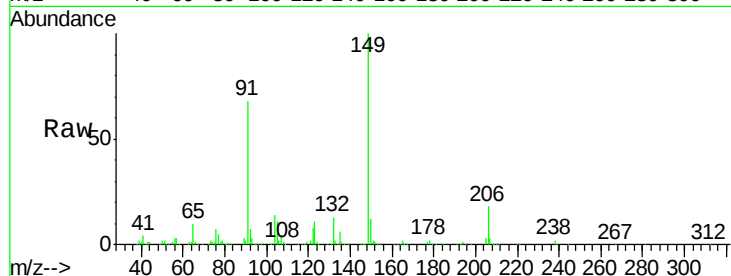
Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

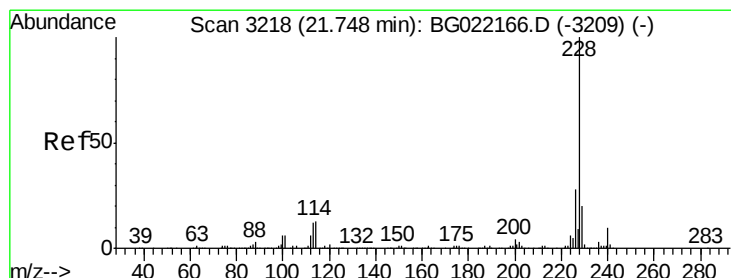
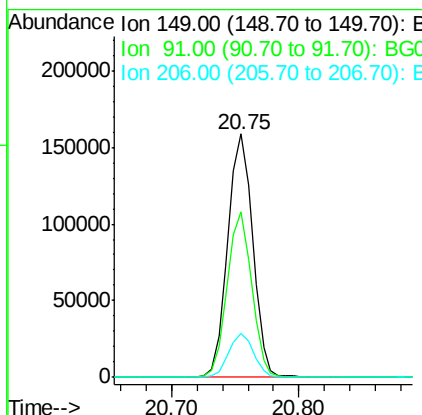
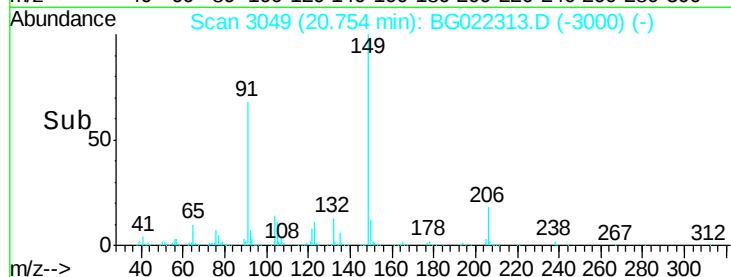
18-VE-PILE-WALL(0-2)MSD



Tgt Ion:	149	Resp:	216462
Ion Ratio	Lower	Upper	
149	100		
91	68.0	57.8	86.8
206	17.9	17.0	25.4

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#80

Benzo(a)anthracene

Concen: 42.81 ng

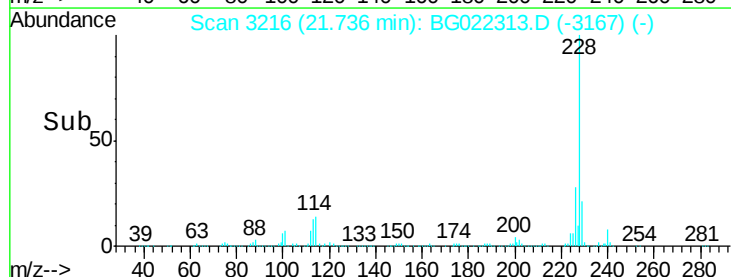
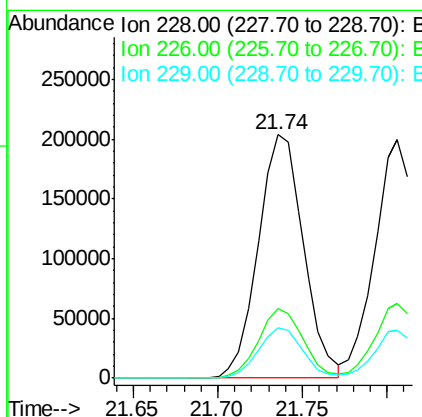
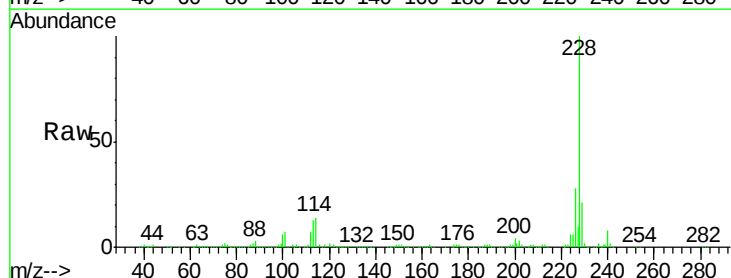
RT: 21.74 min Scan# 3216

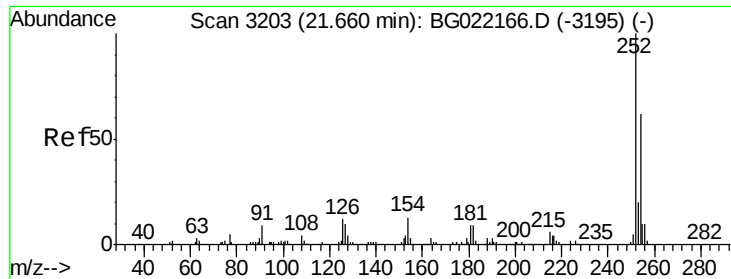
Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:	228	Resp:	376158
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	34.0
229	20.7	16.1	24.1





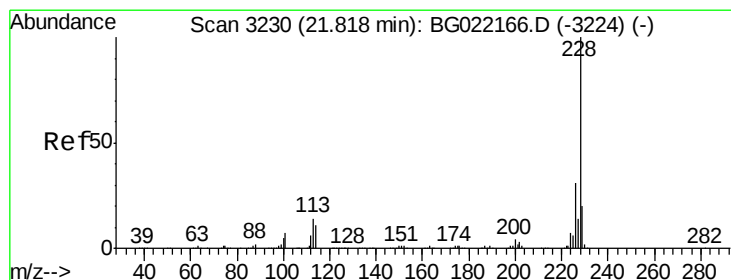
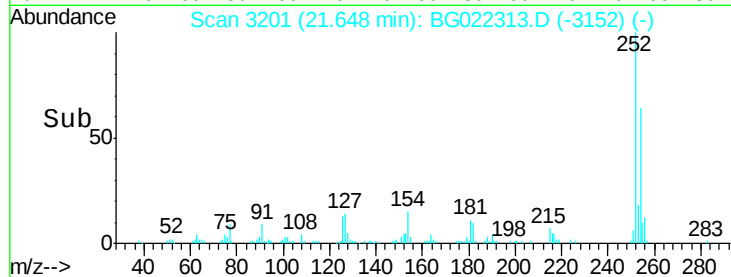
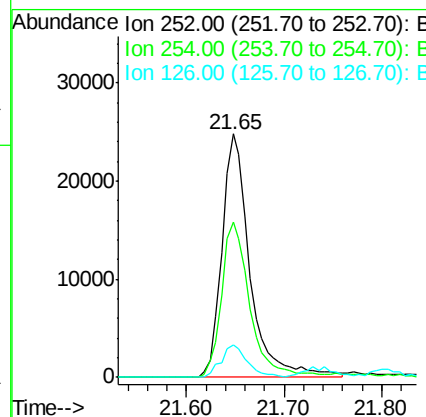
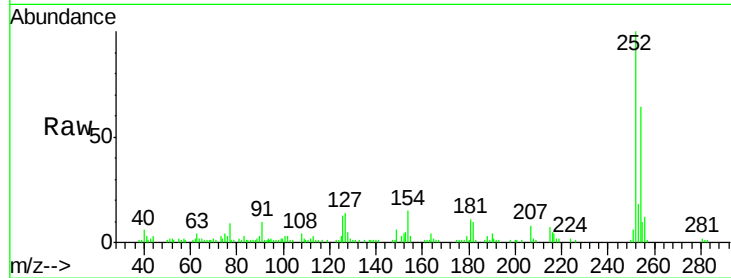
#81
 3,3'-Dichlorobenzidine
 Concen: 19.99 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	49307		
254	64.0	51.8	77.6	
126	13.5	8.8	13.2	

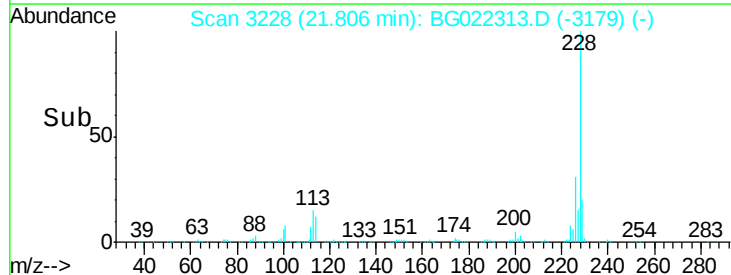
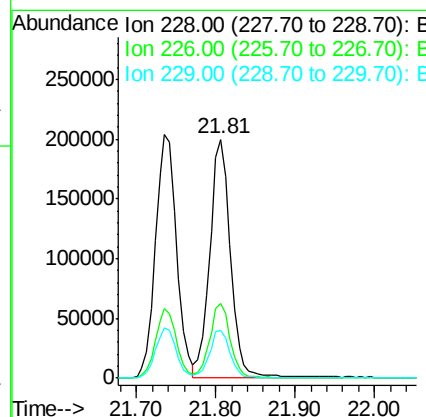
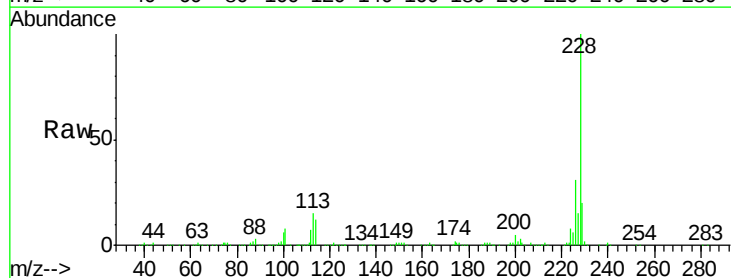
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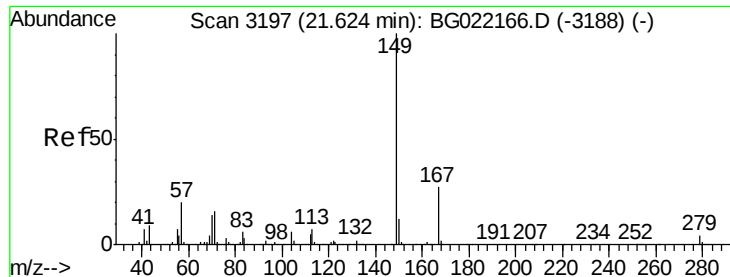
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#82
 Chrysene
 Concen: 42.15 ng
 RT: 21.81 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	360366		
226	31.4	25.4	38.0	
229	19.9	15.9	23.9	





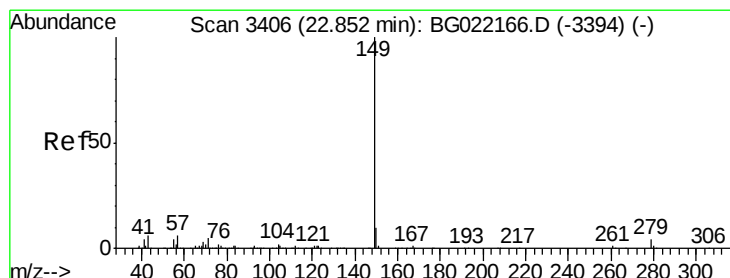
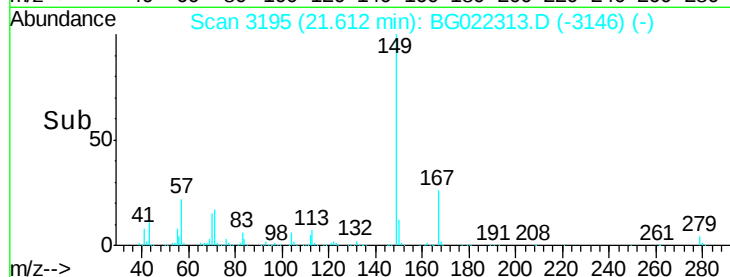
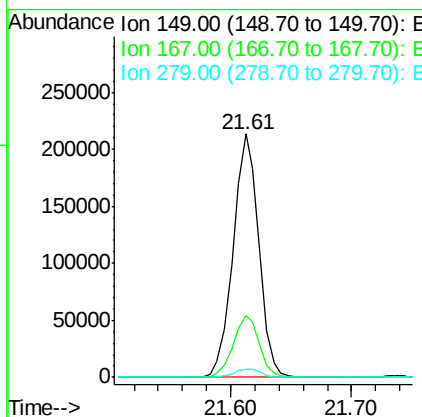
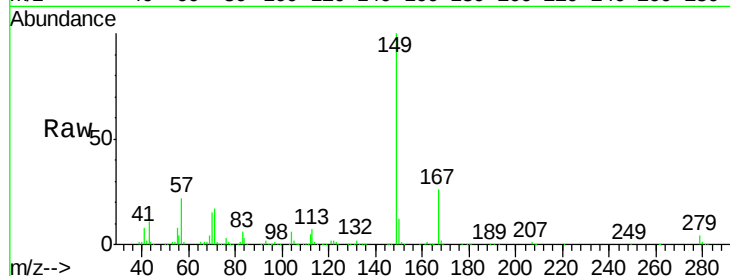
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.29 ng
 RT: 21.61 min Scan# 3195
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.7	22.4	33.6
279	3.5	3.2	4.8

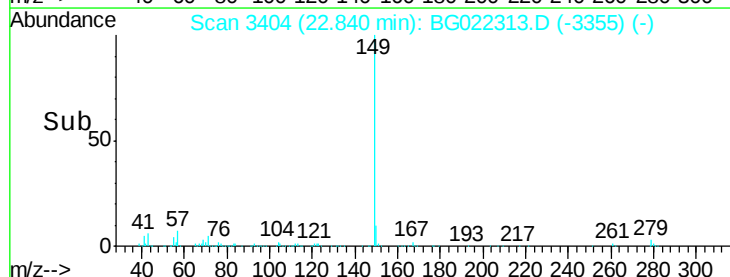
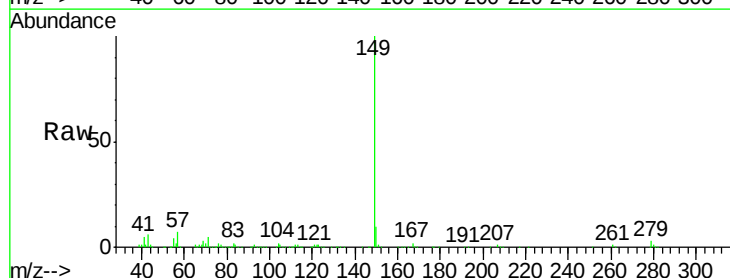
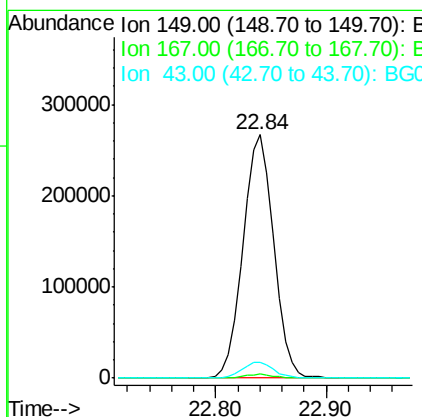
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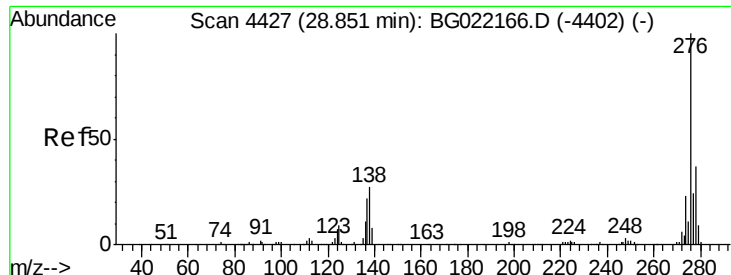
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#84
 Di-n-octyl phthalate
 Concen: 47.28 ng
 RT: 22.84 min Scan# 3404
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.3	1.9
43	6.7	9.8	14.6#





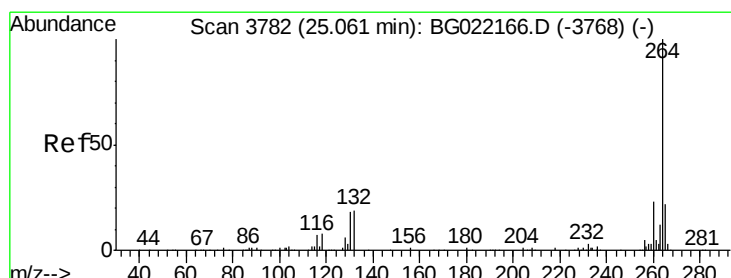
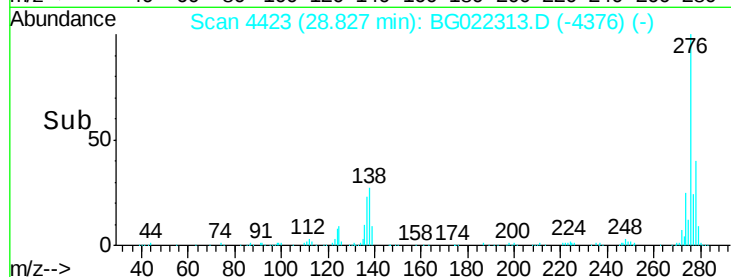
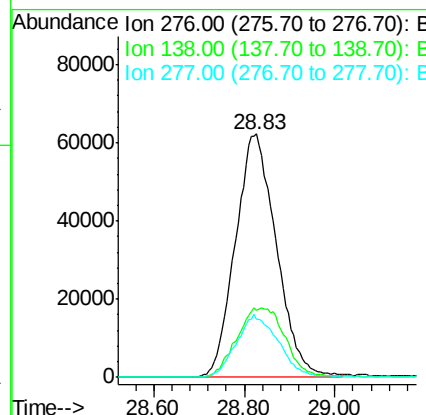
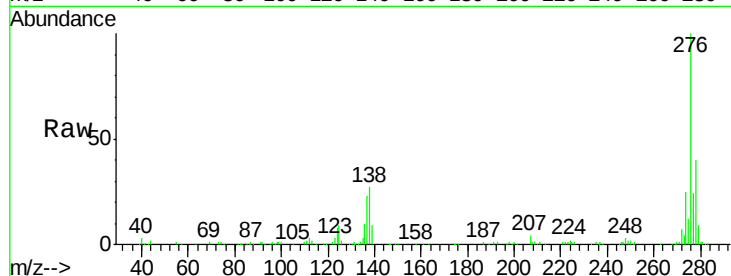
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.83 ng
RT: 28.83 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.6	14.0	21.0
277	26.0	20.6	30.8

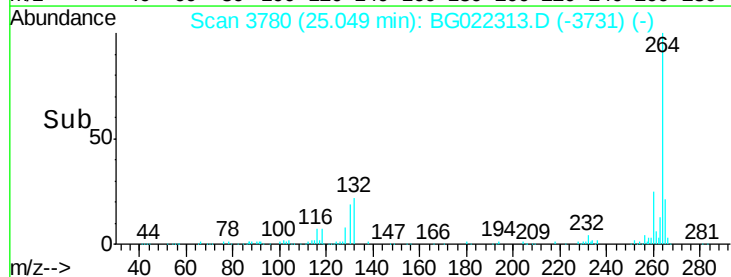
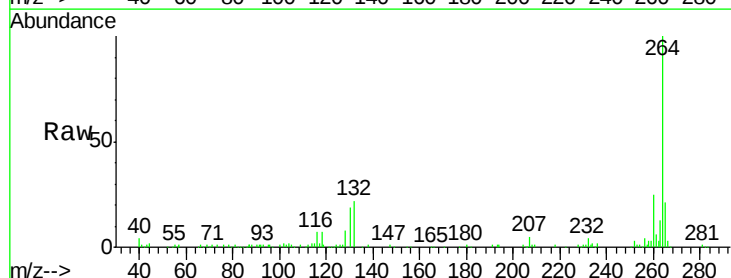
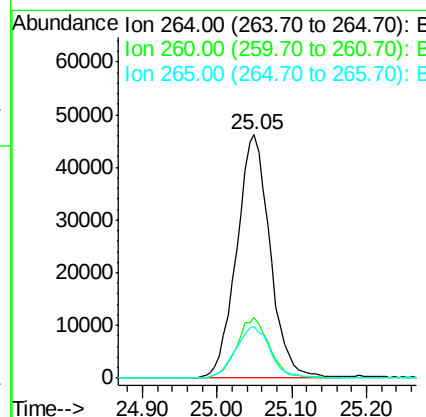
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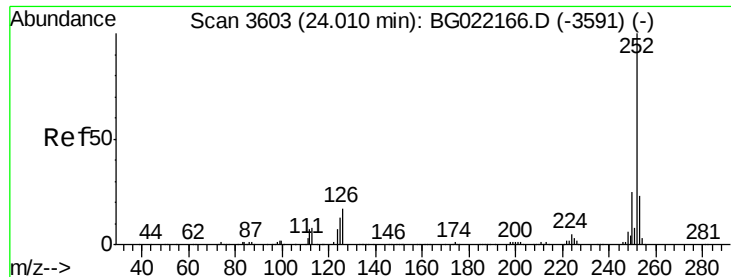
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.8	20.2	30.4
265	21.5	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 43.32 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

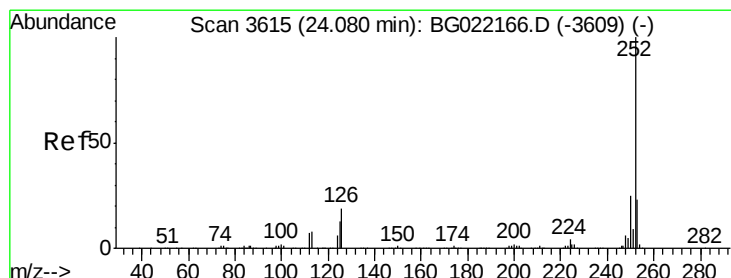
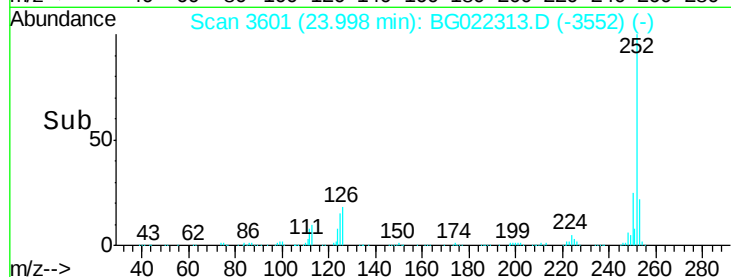
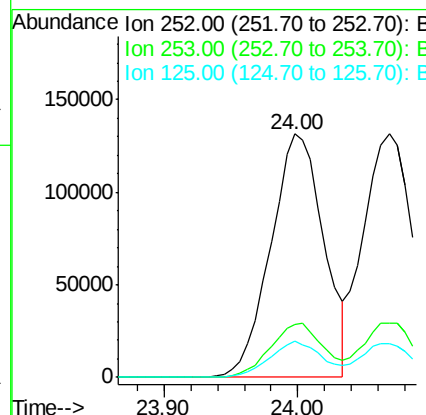
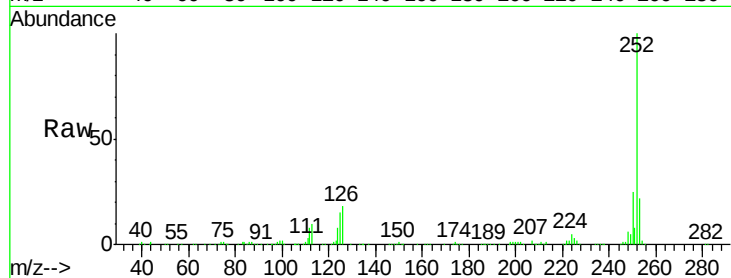
ClientSampleId :

18-VE-PILE-WALL(0-2)MSD

Tgt Ion:	252	Resp:	362930
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	15.0	8.6	13.0#

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#88

Benzo(k)fluoranthene

Concen: 42.36 ng

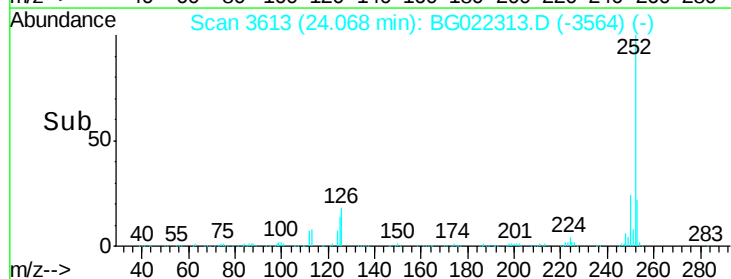
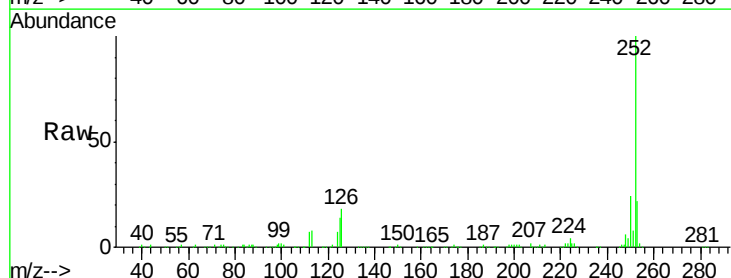
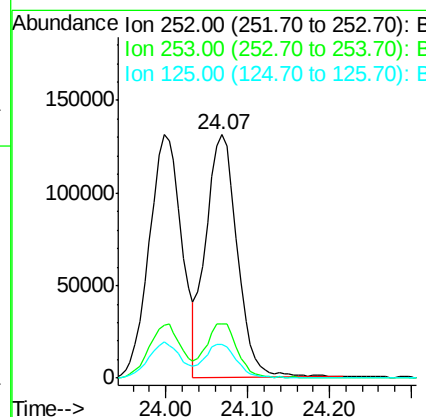
RT: 24.07 min Scan# 3613

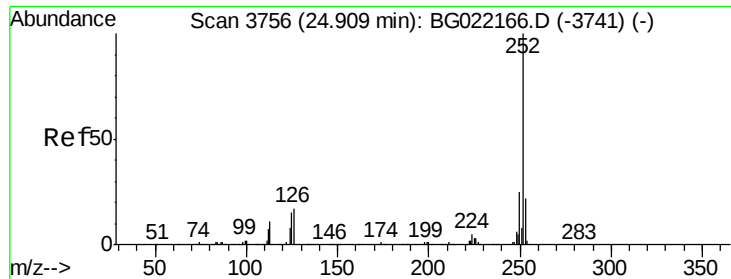
Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:	252	Resp:	349335
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	13.9	8.3	12.5#





#89

Benzo(a)pyrene

Concen: 43.20 ng

RT: 24.90 min Scan# 3754

Delta R.T. -0.01 min

Lab File: BG022313.D

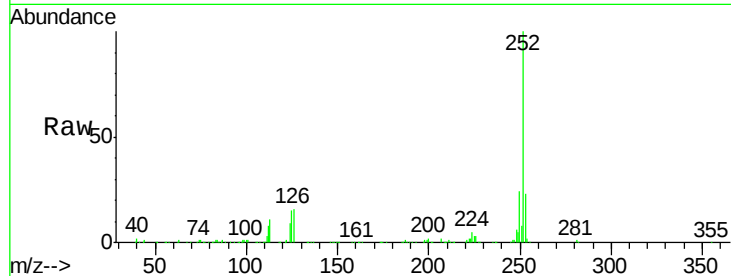
Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

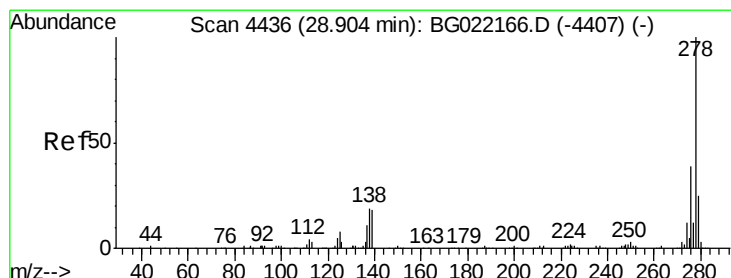
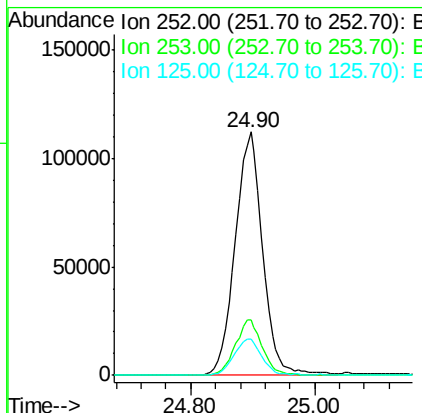
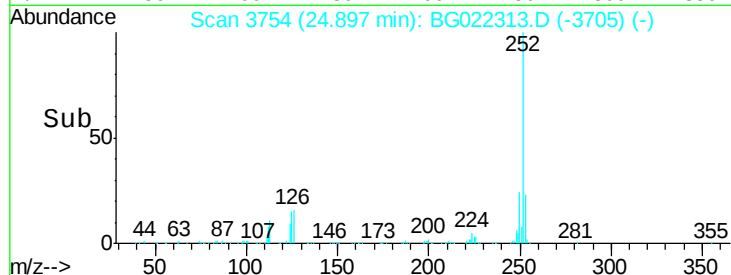
18-VE-PILE-WALL(0-2)MSD



Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.6	17.1	25.7	
125	14.7	9.6	14.4	

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#90

Dibenzo(a,h)anthracene

Concen: 42.94 ng

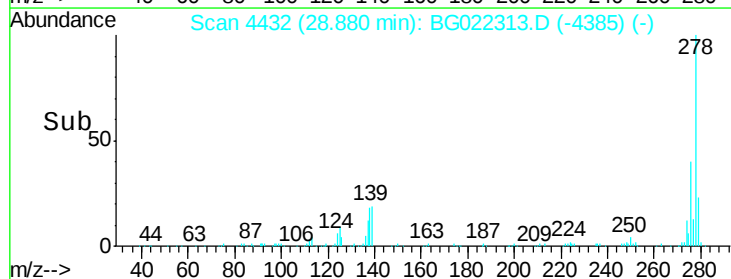
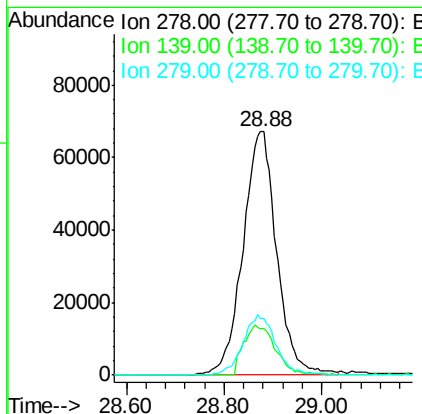
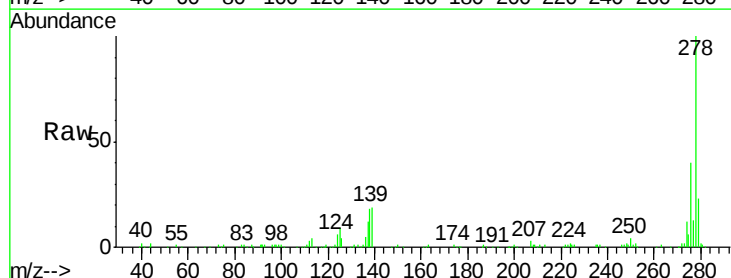
RT: 28.88 min Scan# 4432

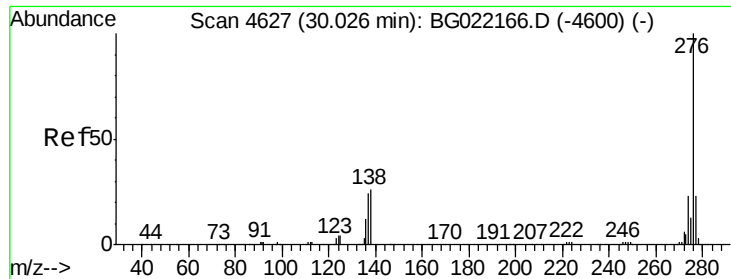
Delta R.T. -0.02 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt	Ion	Ratio	Lower	Upper
278	100			
139	18.8	11.9	17.9	
279	23.0	18.2	27.2	





#91

Benzo(g,h,i)perylene

Concen: 41.50 ng

RT: 30.01 min Scan# 4624

Delta R.T. -0.02 min

Lab File: BG022313.D

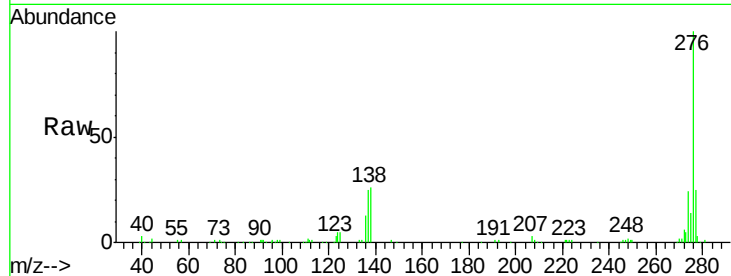
Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

18-VE-PILE-WALL(0-2)MSD



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	26.2	17.4	26.0

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