

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
 Data File : BG023836.D
 Acq On : 22 Aug 2016 16:52
 Operator : UM/SJ
 Sample : H4500-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

Manual Integrations
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Quant Time: Aug 23 12:12:50 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	100509	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	405717	20.00	ng	-0.03
38) Acenaphthene-d10	14.77	164	259978	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	606925	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	700394	20.00	ng	-0.02
86) Perylene-d12	25.23	264	704138	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	323196	54.13	ng	-0.03
7) Phenol-d6	7.25	99	491466	52.84	ng	-0.03
23) Nitrobenzene-d5	9.27	82	743736	91.13	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	240927	63.36	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1442625	93.59	ng	-0.02
78) Terphenyl-d14	20.14	244	2253294	105.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	78466	30.84	ng	94
3) Pyridine	3.90	79	239080	28.60	ng	94
4) n-Nitrosodimethylamine	3.81	42	132080	42.61	ng	# 84
6) Aniline	7.41	93	375199	27.92	ng	95
8) 2-Chlorophenol	7.65	128	130410	19.01	ng	95
9) Benzaldehyde	7.23	77	99247	15.64	ng	92
10) Phenol	7.28	94	183707	18.46	ng	86
11) bis(2-Chloroethyl)ether	7.50	93	300316	37.84	ng	91
12) 1,3-Dichlorobenzene	7.98	146	283649	36.12	ng	92
13) 1,4-Dichlorobenzene	8.13	146	297776	37.04	ng	92
14) 1,2-Dichlorobenzene	8.45	146	283642	35.96	ng	94
15) Benzyl Alcohol	8.34	79	327552	46.48	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	417760	35.79	ng	91
17) 2-Methylphenol	8.55	107	155144	23.26	ng	# 85
18) Hexachloroethane	9.18	117	111448	36.83	ng	98
19) n-Nitroso-di-n-propylamine	8.90	70	286041	35.76	ng	99
20) 3+4-Methylphenols	8.88	107	199412	21.21	ng	88
22) Acetophenone	8.92	105	416690	37.51	ng	# 92
24) Nitrobenzene	9.32	77	418115	46.27	ng	94
25) Isophorone	9.83	82	739306	43.49	ng	# 95
26) 2-Nitrophenol	10.03	139	73566	19.29	ng	# 84
27) 2,4-Dimethylphenol	10.09	122	205107	31.58	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	429457	42.03	ng	96
29) 2,4-Dichlorophenol	10.58	162	148102	22.68	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	306219	43.48	ng	99
31) Naphthalene	10.98	128	870040	42.11	ng	99
33) 4-Chloroaniline	11.09	127	234138	23.71	ng	93
34) Hexachlorobutadiene	11.26	225	209535	45.24	ng	95
35) Caprolactam	11.87	113	85860	31.25	ng	# 87
36) 4-Chloro-3-methylphenol	12.22	107	205200	23.92	ng	# 91
37) 2-Methylnaphthalene	12.58	142	646750	41.18	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	326670	34.65	ng	98
40) Hexachlorocyclopentadiene	12.92	237	216808	45.61	ng	96
42) 2,4,6-Trichlorophenol	13.20	196	126172	22.47	ng	92

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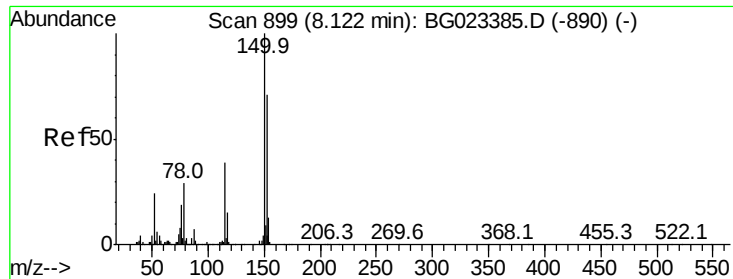
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.28	196	129215	22.35	nq	93
45) 1,1'-Biphenyl	13.59	154	785587	39.53	nq	98
46) 2-Chloronaphthalene	13.64	162	687652	44.73	nq	97
47) 2-Nitroaniline	13.85	65	294325	46.11	nq	93
48) Acenaphthylene	14.49	152	1089665	44.84	nq	99
49) Dimethylphthalate	14.21	163	1150910	57.70	nq	98
50) 2,6-Dinitrotoluene	14.35	165	206378	43.69	nq	# 82
51) Acenaphthene	14.83	154	677115	43.98	nq	97
52) 3-Nitroaniline	14.68	138	140086	26.30	nq	85
53) 2,4-Dinitrophenol	14.91	184	19570	6.46	nq	88
54) Dibenzofuran	15.17	168	1105042	49.44	nq	94
55) 4-Nitrophenol	15.01	139	129984	31.07	nq	# 78
56) 2,4-Dinitrotoluene	15.14	165	305965	46.15	nq	94
57) Fluorene	15.82	166	889128	45.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	132940m	25.06	nq	
59) Diethylphthalate	15.57	149	967553	47.79	nq	99
60) 4-Chlorophenyl-phenylether	15.80	204	460856	44.64	nq	98
61) 4-Nitroaniline	15.85	138	219190	38.65	nq	# 73
62) Azobenzene	16.10	77	1052420	51.28	nq	92
64) 4,6-Dinitro-2-methylphenol	15.91	198	35549	8.61	nq	94
65) n-Nitrosodiphenylamine	16.03	169	817060	45.90	nq	93
66) 4-Bromophenyl-phenylether	16.71	248	320288	45.28	nq	97
67) Hexachlorobenzene	16.83	284	334807	43.26	nq	96
68) Atrazine	16.98	200	345902	50.60	nq	97
69) Pentachlorophenol	17.19	266	121440	26.92	nq	95
70) Phenanthrene	17.57	178	1467522	47.65	nq	98
71) Anthracene	17.66	178	1493196	48.21	nq	99
72) Carbazole	17.94	167	1403617	51.60	nq	97
73) Di-n-butylphthalate	18.48	149	1645384	62.67	nq	98
74) Fluoranthene	19.59	202	1791013	65.81	nq	96
76) Benzidine	19.77	184	1968931	101.13	nq	97
77) Pyrene	19.95	202	1808329	45.74	nq	97
79) Butylbenzylphthalate	20.82	149	833489	49.42	nq	94
80) Benzo(a)anthracene	21.82	228	1849428	47.84	nq	96
81) 3,3'-Dichlorobenzidine	21.74	252	449694	28.36	nq	# 97
82) Chrysene	21.89	228	1720918	46.78	nq	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1144813	49.57	nq	100
84) Di-n-octyl phthalate	22.96	149	1933325	49.05	nq	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	2128243	46.30	nq	# 100
87) Benzo(b)fluoranthene	24.15	252	1912367	48.27	nq	# 96
88) Benzo(k)fluoranthene	24.22	252	1773377	46.60	nq	# 96
89) Benzo(a)pyrene	25.07	252	1811772	48.09	nq	# 97
90) Dibenzo(a,h)anthracene	29.17	278	1818302	47.24	nq	# 94
91) Benzo(g,h,i)perylene	30.32	276	1769504	45.65	nq	# 94

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



#1

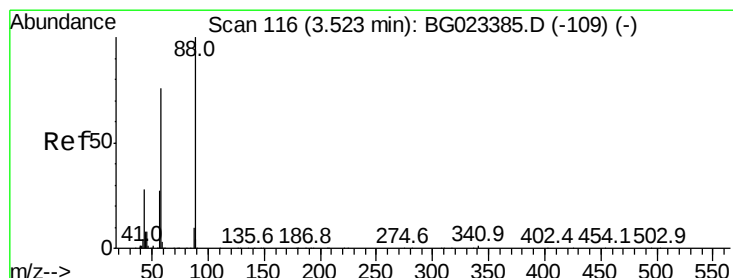
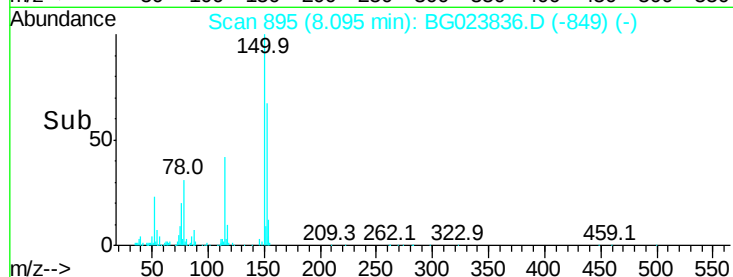
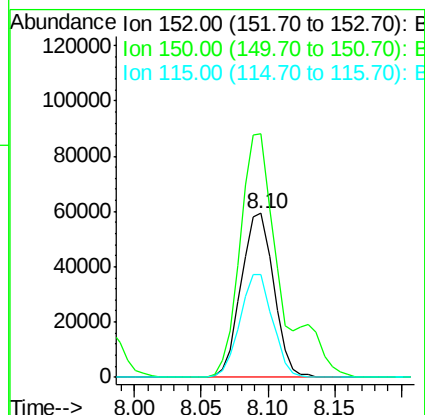
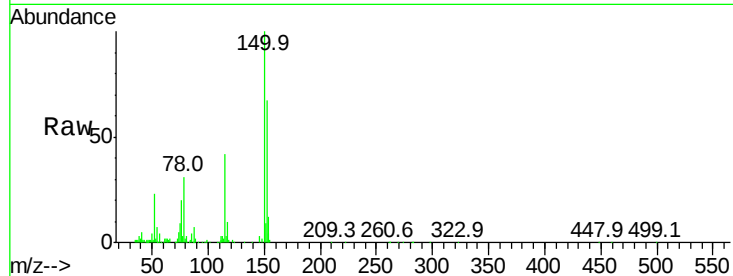
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	144.7	217.1
115	62.7	64.0	96.0

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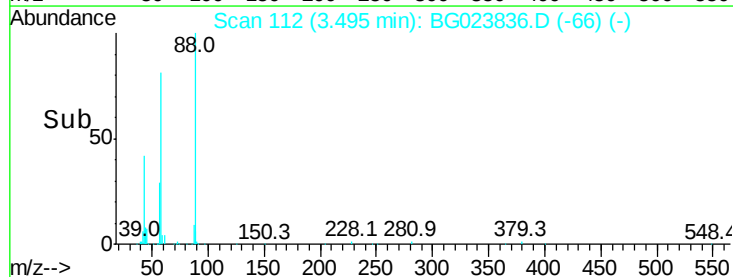
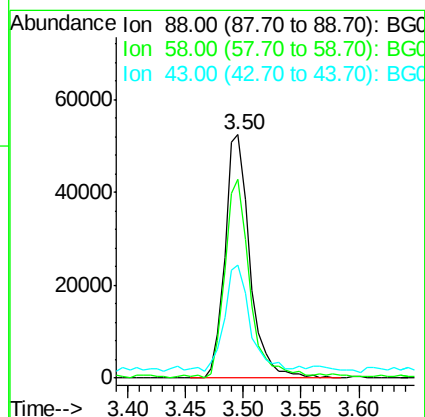
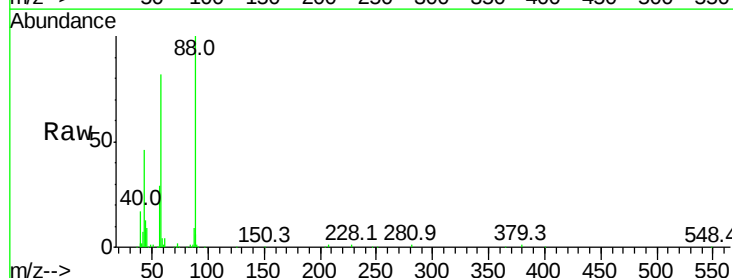
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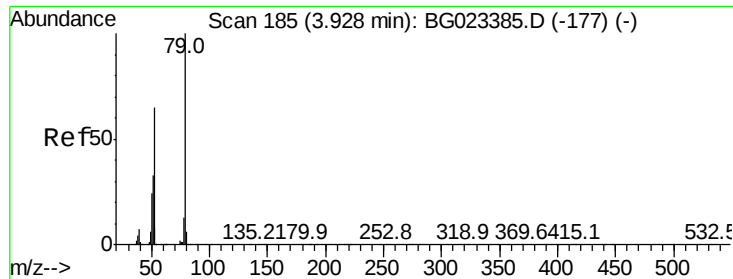


#2

1,4-Dioxane
Concen: 30.84 ng
RT: 3.50 min Scan# 112
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	60.4	90.6
43	41.8	31.1	46.7





#3

Pvridine

Concen: 28.60 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

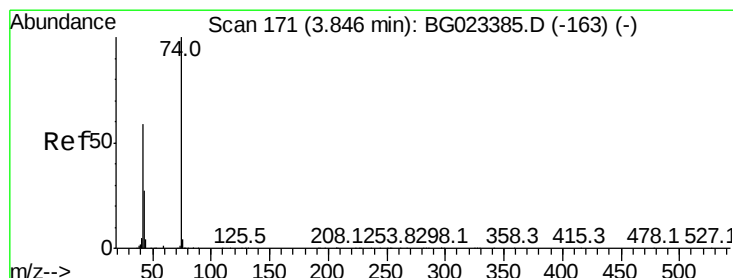
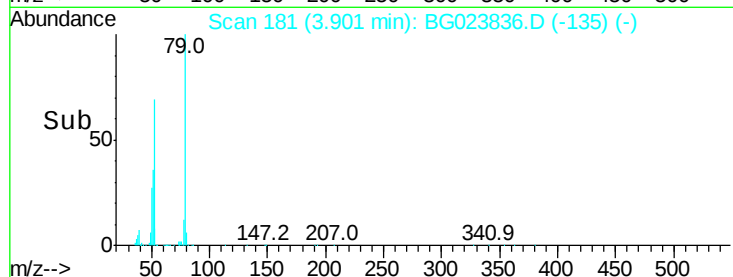
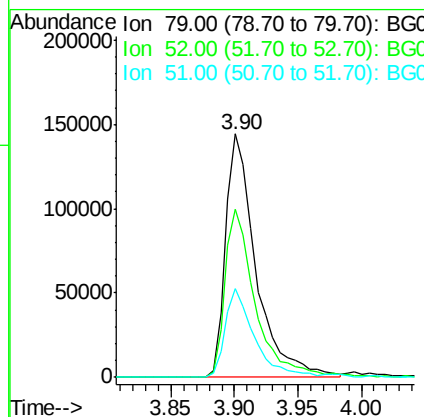
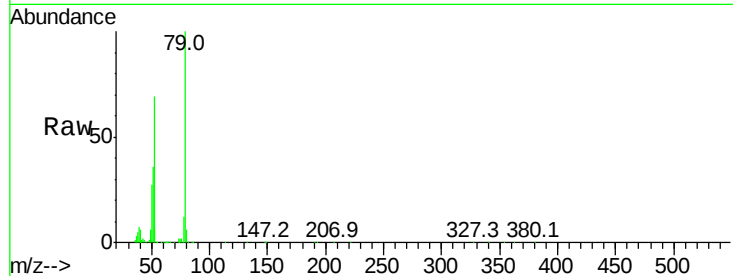
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion:	79	Resp:	239080
Ion Ratio	Lower	Upper	
79	100		
52	69.3	51.8	77.8
51	36.3	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 42.61 ng

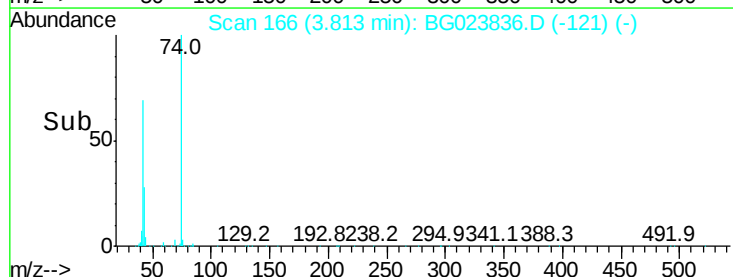
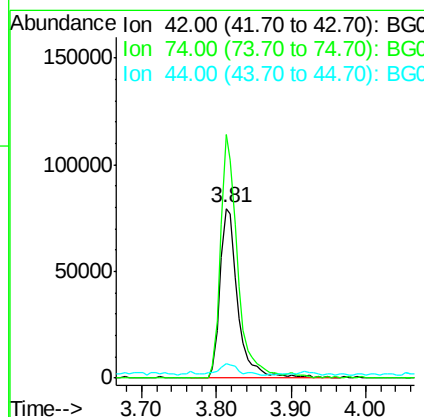
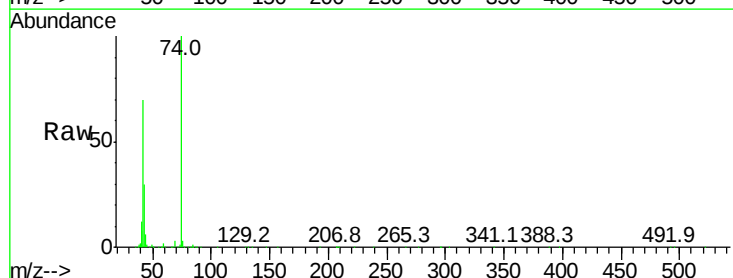
RT: 3.81 min Scan# 166

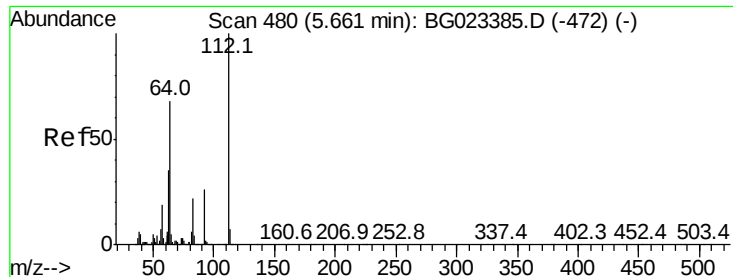
Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion:	42	Resp:	132080
Ion Ratio	Lower	Upper	
42	100		
74	143.8	100.6	150.8
44	8.5	4.5	6.7#





#5

2-Fluorophenol

Concen: 54.13 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

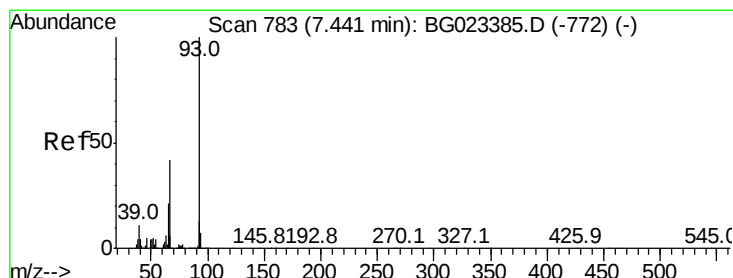
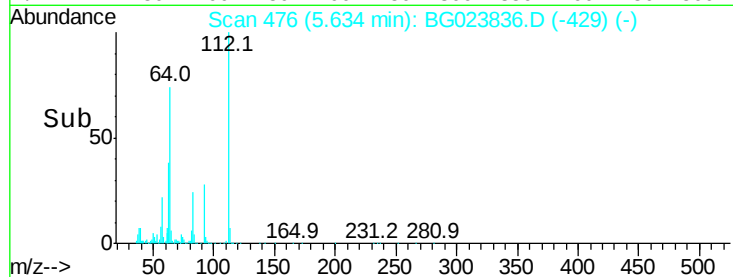
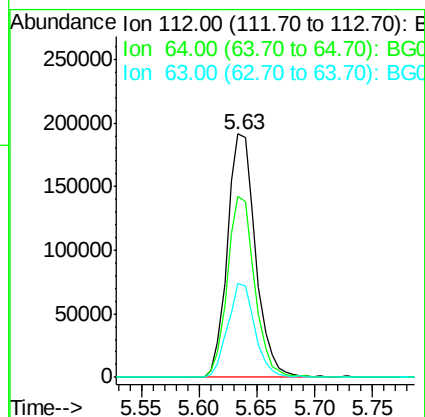
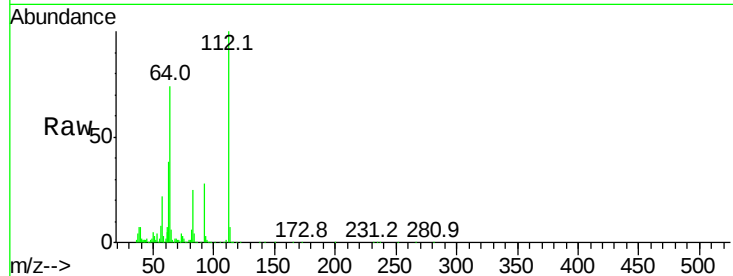
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion:	112	Resp:	323196
Ion Ratio	Lower	Upper	
112	100		
64	74.4	59.0	88.4
63	38.4	37.8	56.8

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#6

Aniline

Concen: 27.92 ng

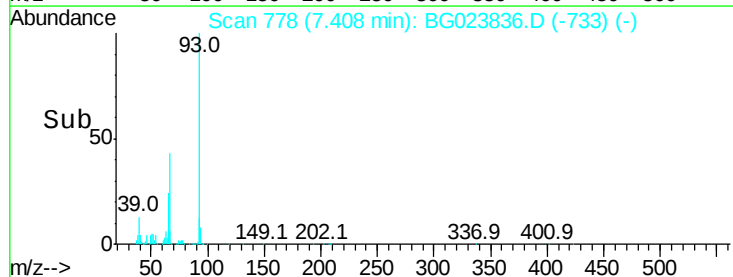
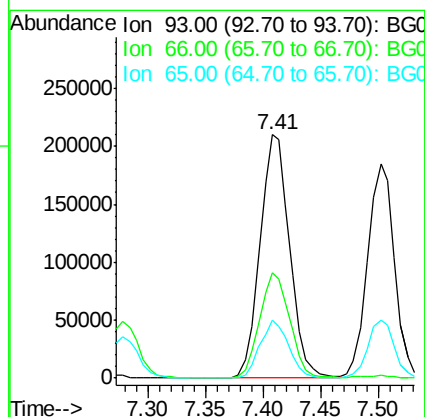
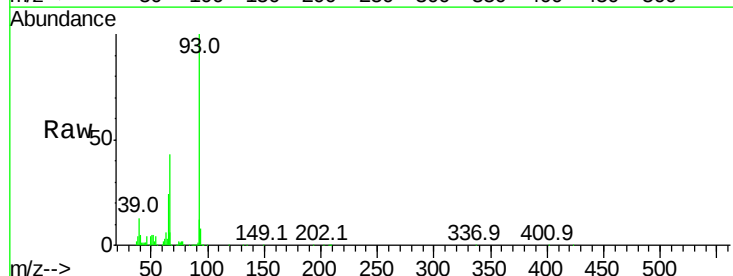
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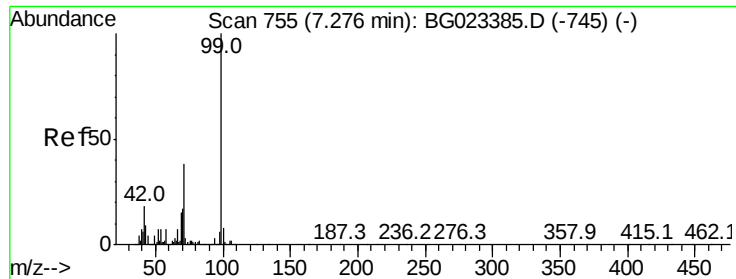
Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion:	93	Resp:	375199
Ion Ratio	Lower	Upper	
93	100		
66	43.3	37.5	56.3
65	23.7	17.9	26.9





#7

Phenol-d6

Concen: 52.84 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

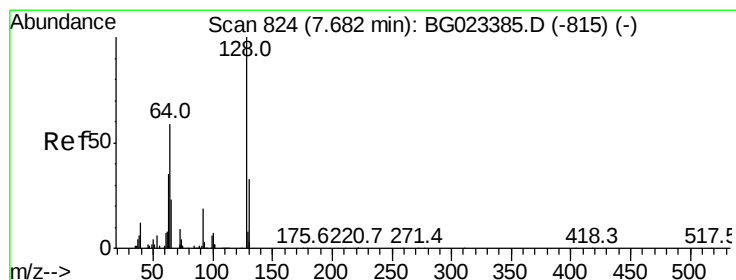
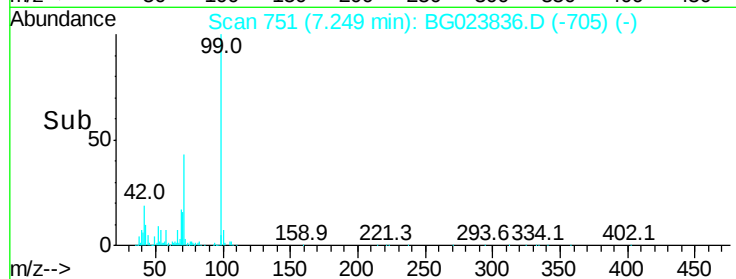
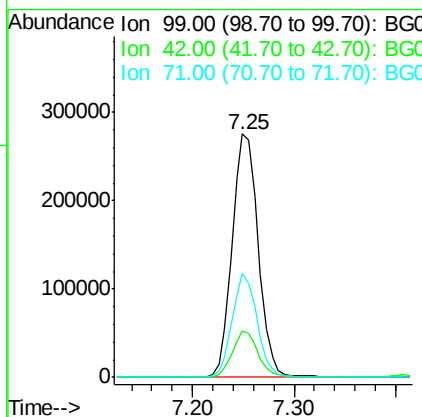
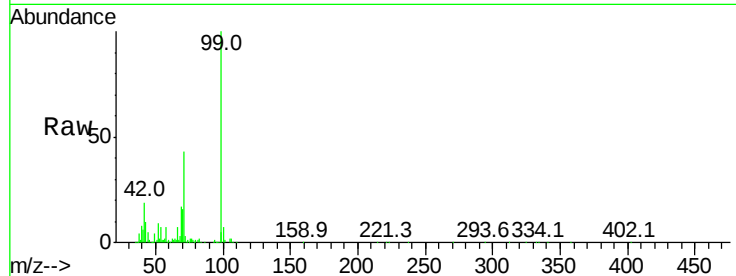
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion:	99	Resp:	491466
Ion Ratio	Lower	Upper	
99	100		
42	19.3	17.8	26.6
71	42.7	41.5	62.3

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#8

2-Chlorophenol

Concen: 19.01 ng

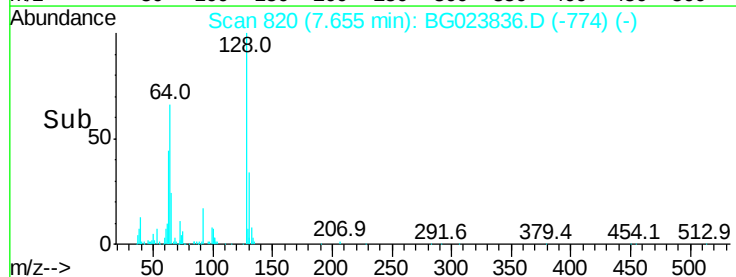
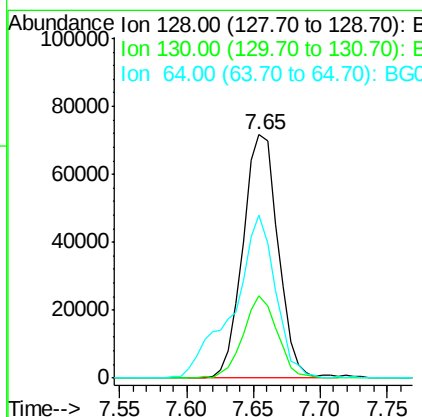
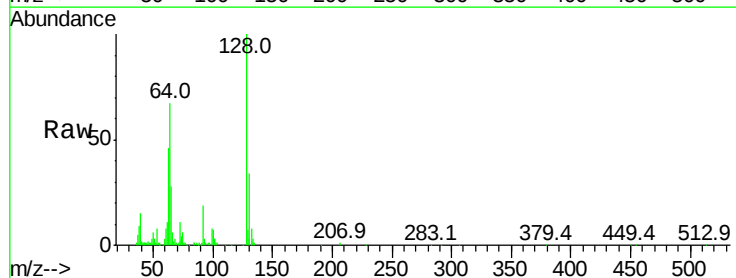
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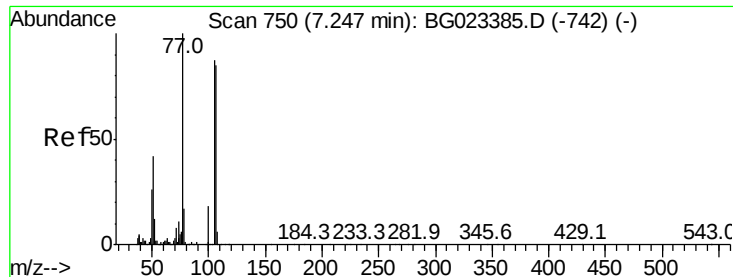
Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion:	128	Resp:	130410
Ion Ratio	Lower	Upper	
128	100		
130	34.0	12.9	52.9
64	66.9	42.0	82.0





#9

Benzaldehyde

Concen: 15.64 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

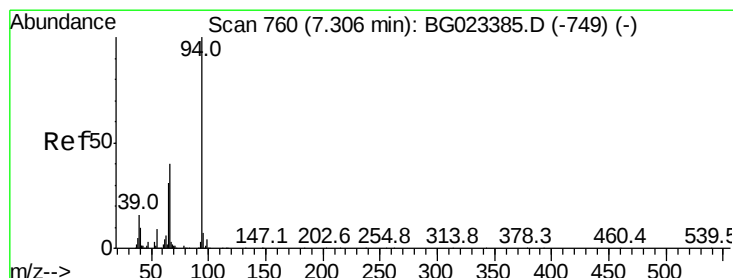
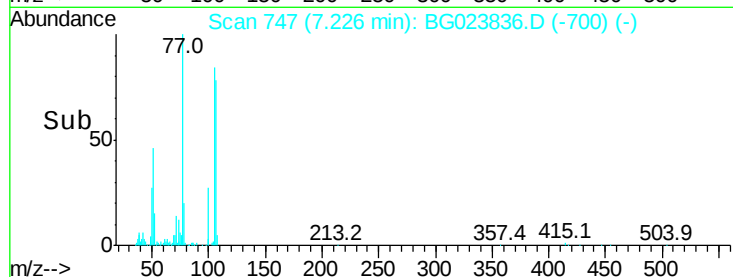
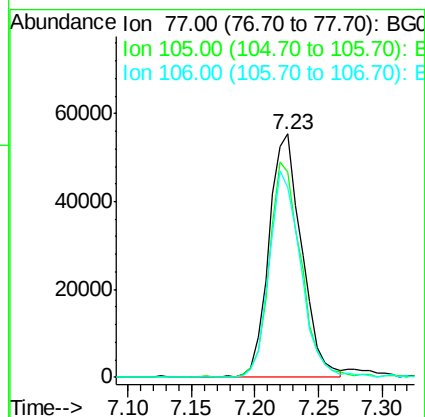
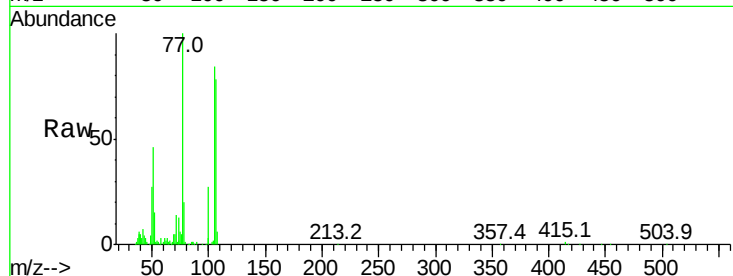
ClientSampleId :

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Tot Ion:	77	Resp:	99247
Ion Ratio	Lower	Upper	
77	100		
105	84.1	58.7	98.7
106	78.2	67.5	107.5

Manual Integrations
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#10

Phenol

Concen: 18.46 ng

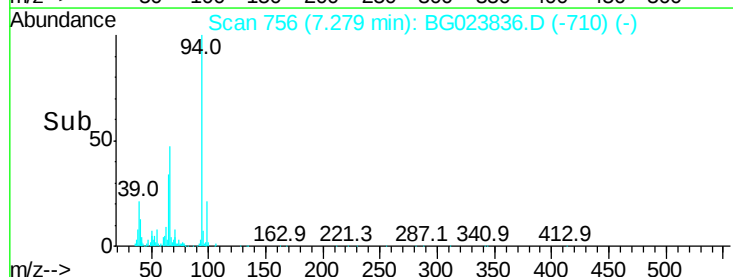
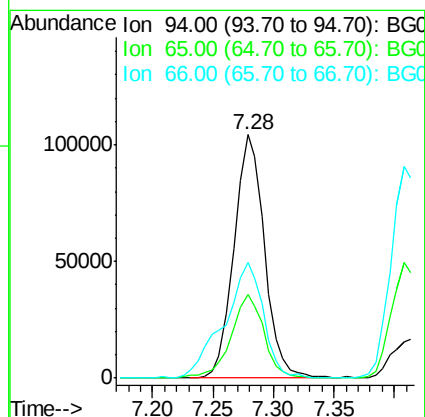
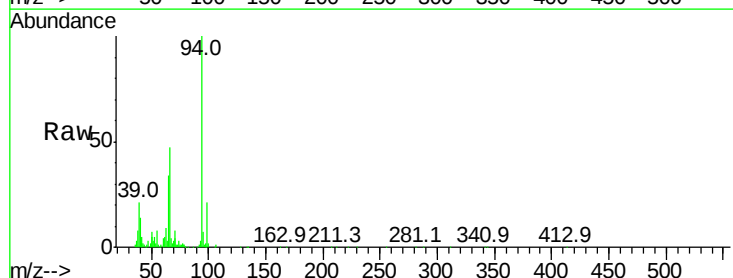
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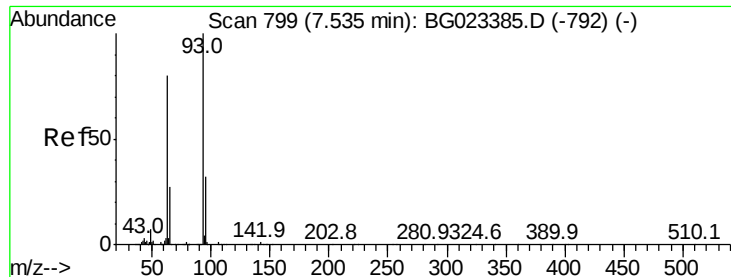
Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion:	94	Resp:	183707
Ion Ratio	Lower	Upper	
94	100		
65	34.4	18.1	58.1
66	47.3	42.1	82.1





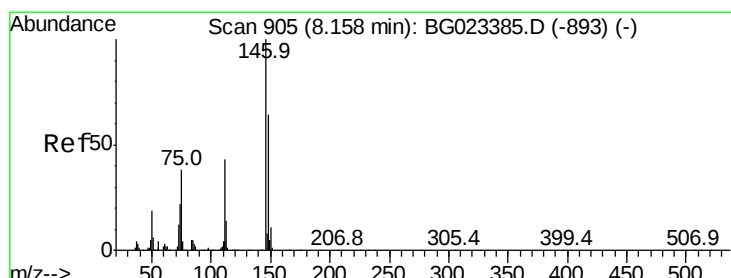
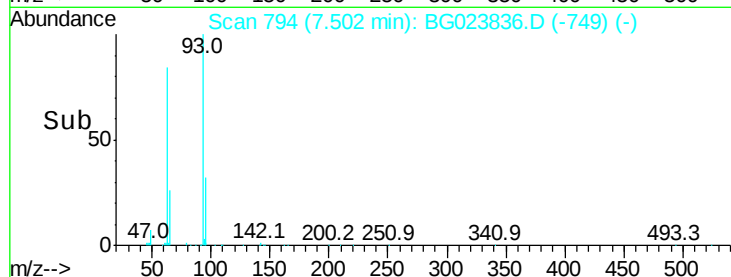
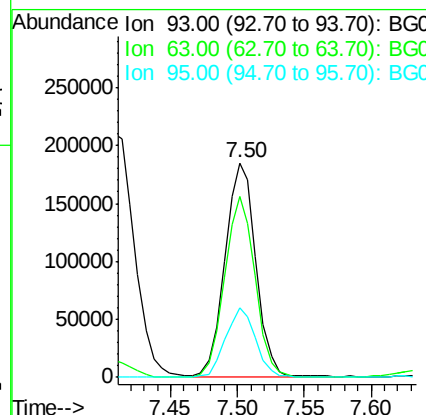
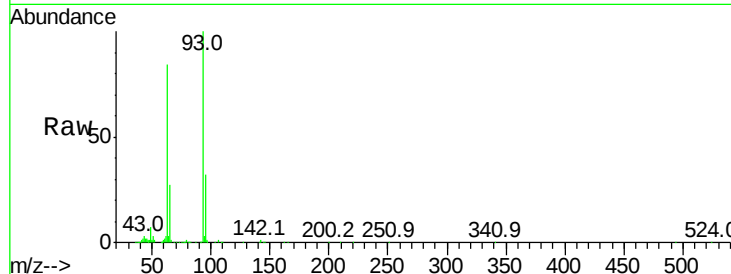
#11
bis(2-Chloroethyl)ether
Concen: 37.84 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	84.5	55.0	95.0	
95	32.3	11.0	51.0	

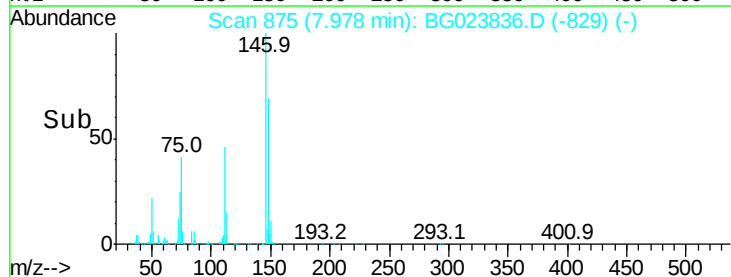
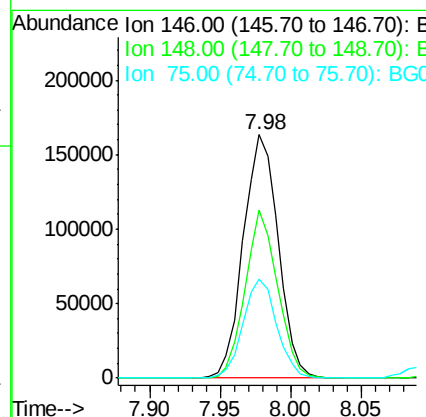
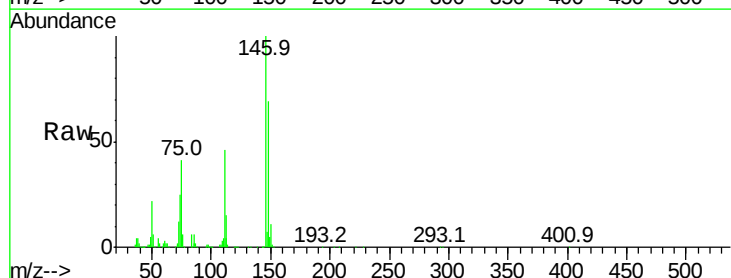
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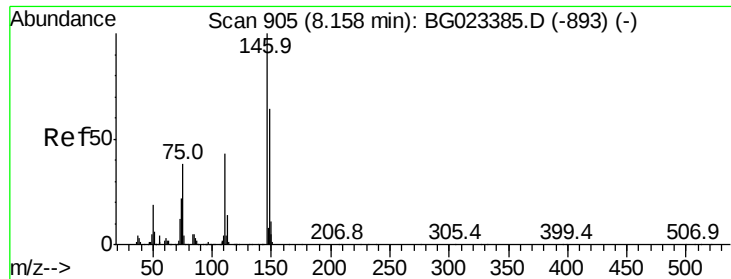
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#12
1,3-Dichlorobenzene
Concen: 36.12 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	68.9	50.3	75.5	
75	40.8	37.0	55.6	





#13

1,4-Dichlorobenzene

Concen: 37.04 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

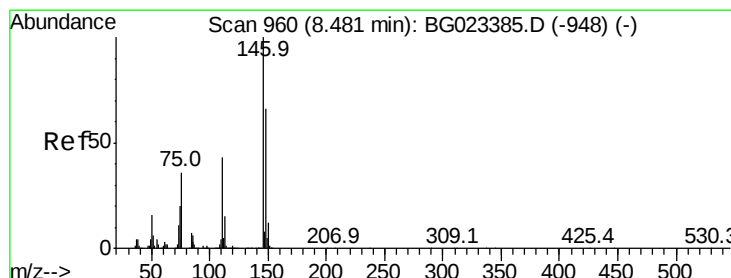
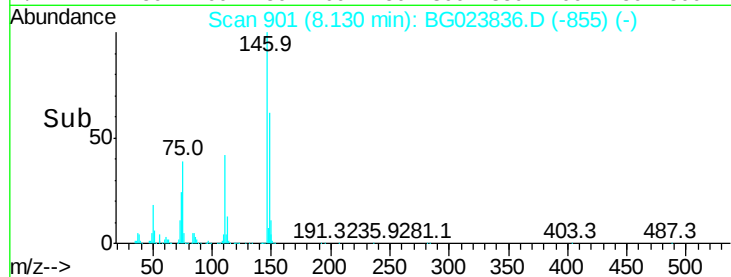
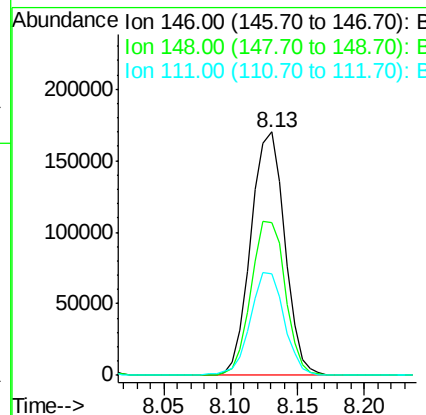
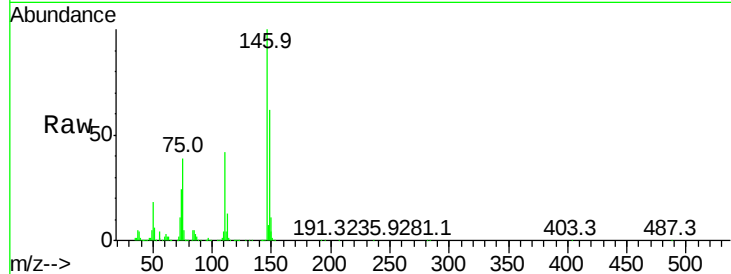
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion:	146	Resp:	297776
Ion Ratio	Lower	Upper	
146	100		
148	62.5	54.5	81.7
111	41.7	37.8	56.8

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#14

1,2-Dichlorobenzene

Concen: 35.96 ng

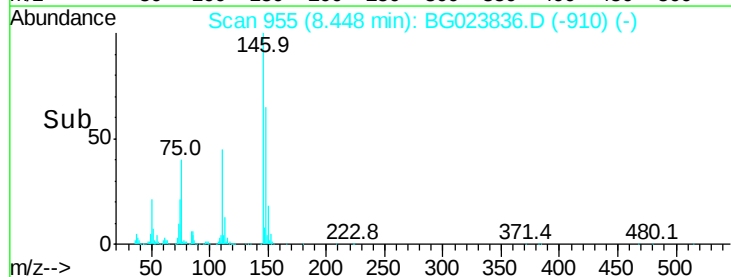
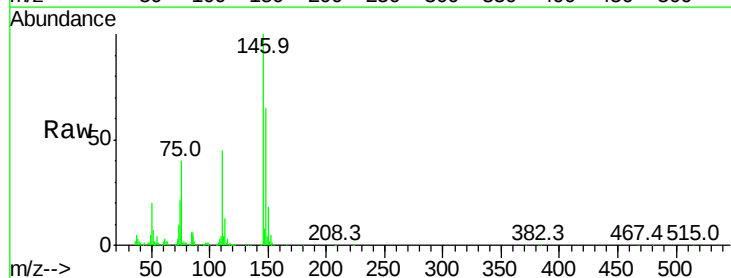
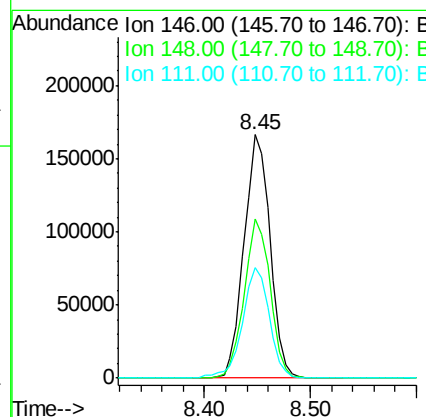
RT: 8.45 min Scan# 955

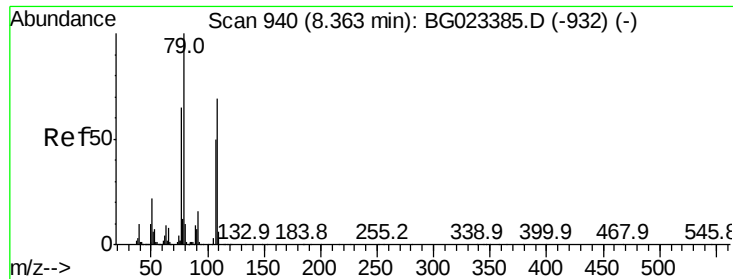
Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion:	146	Resp:	283642
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.9	79.3
111	45.2	43.5	65.3





#15

Benzyl Alcohol

Concen: 46.48 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

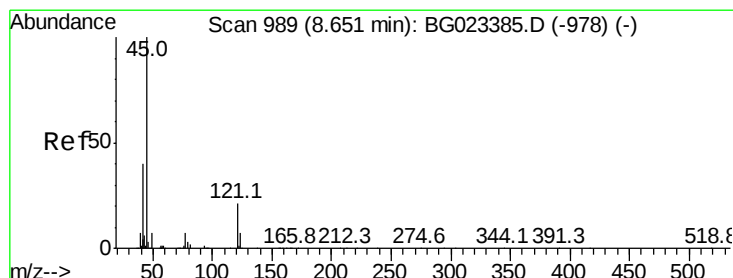
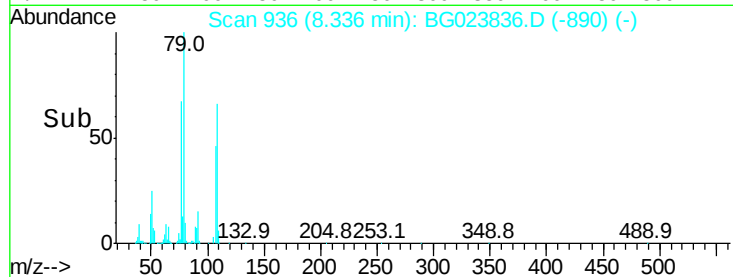
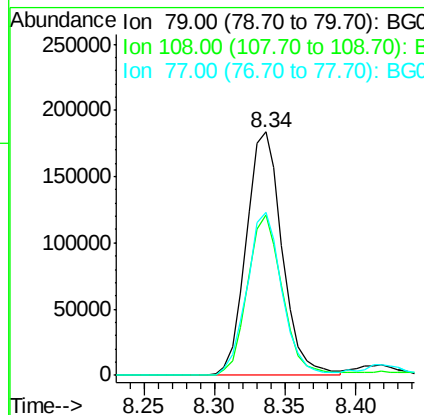
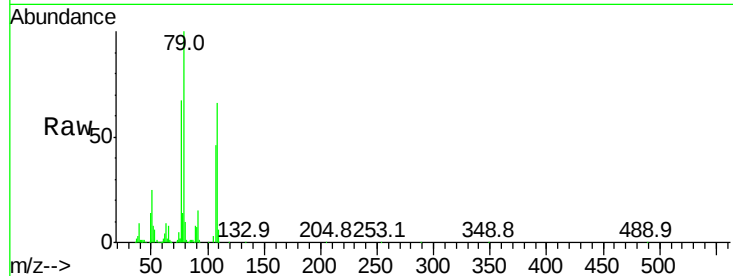
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion:	79	Resp:	327552
Ion Ratio	Lower	Upper	
79	100		
108	65.7	46.5	69.7
77	67.0	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.79 ng

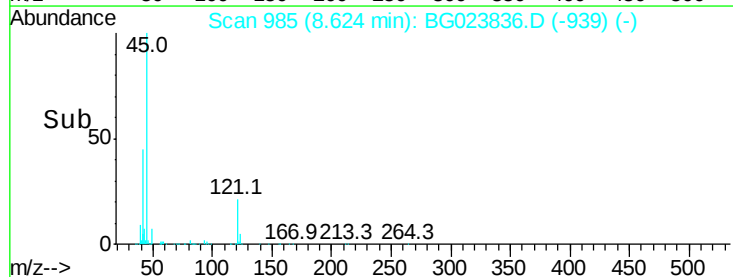
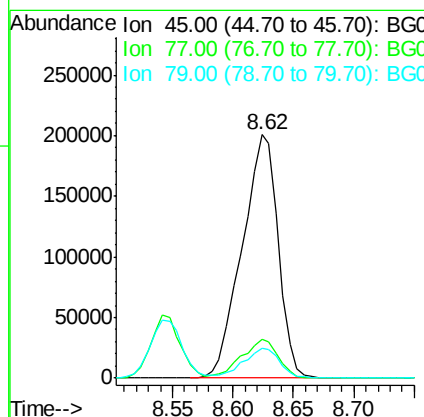
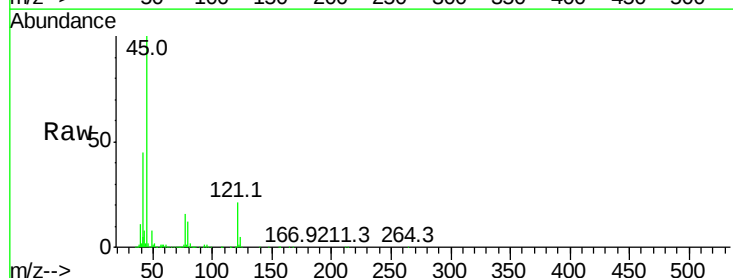
RT: 8.62 min Scan# 985

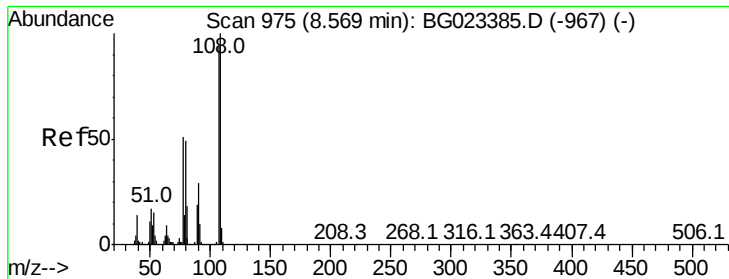
Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion:	45	Resp:	417760
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.6	40.6
79	12.3	0.0	36.2





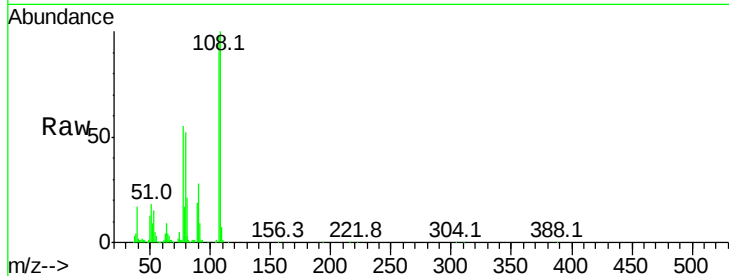
#17
2-Methylphenol
Concen: 23.26 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

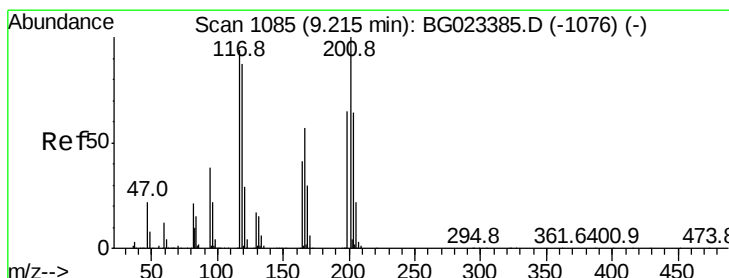
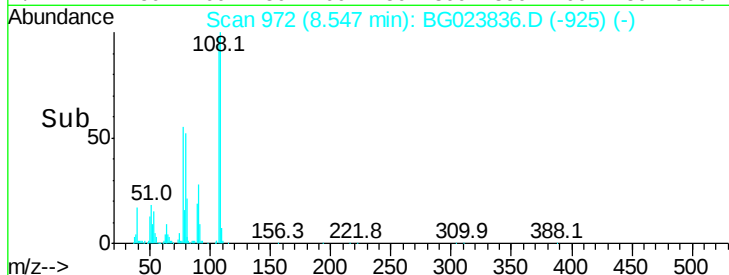
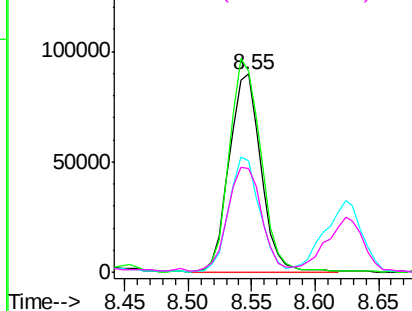
Tot Ion:	107	Resp:	155144
Ion Ratio	Lower	Upper	
107	100		
108	101.8	92.0	138.0
77	56.2	55.8	83.6
79	52.6	55.0	82.6#

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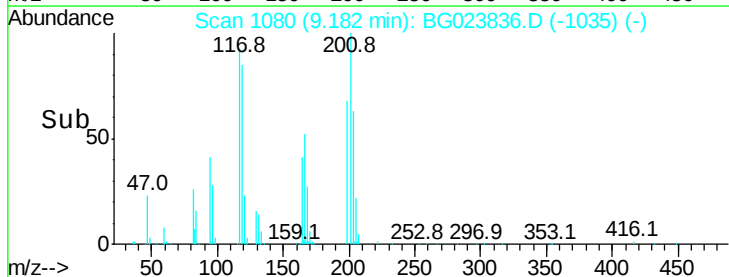
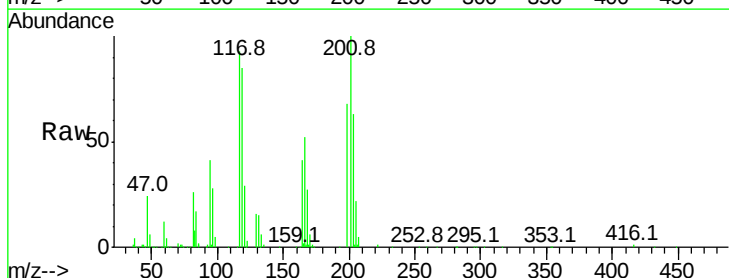
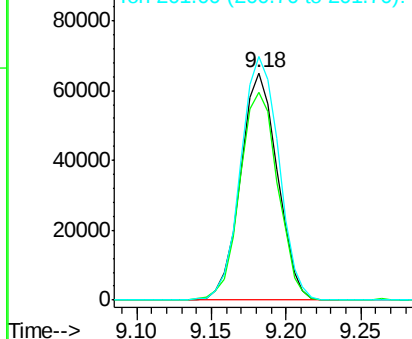
Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

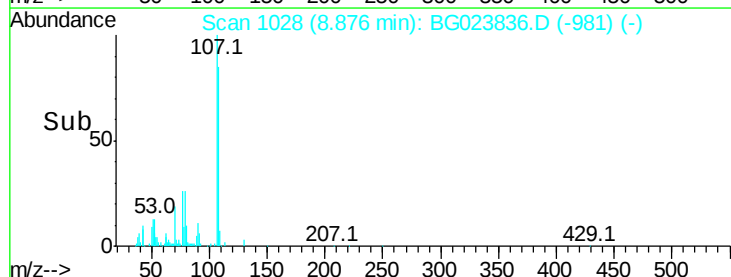
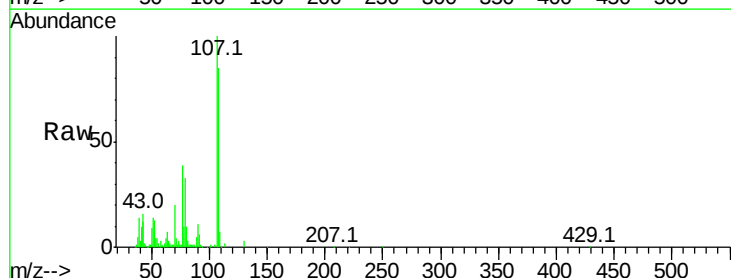
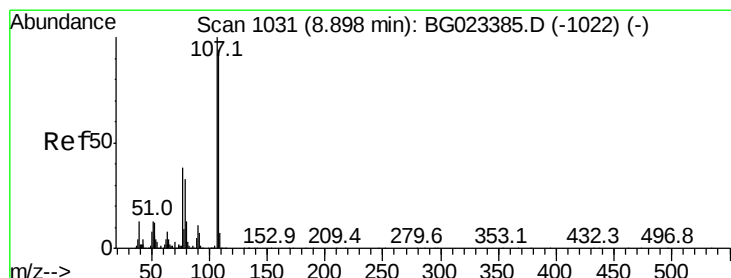
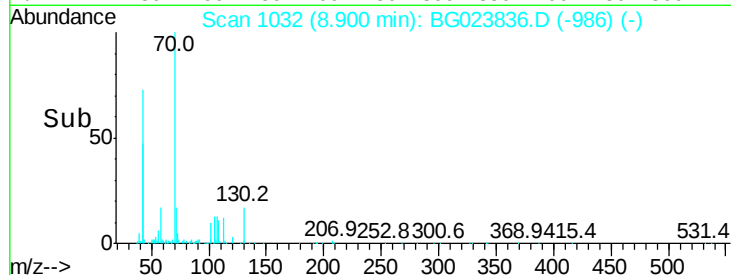
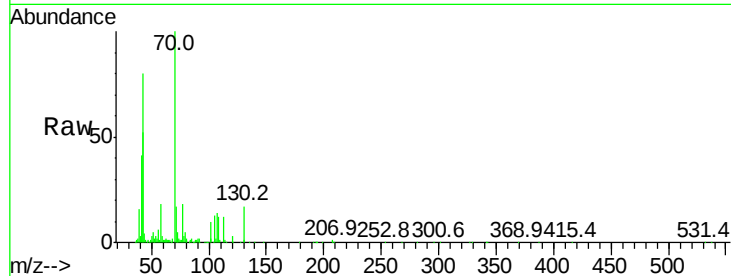
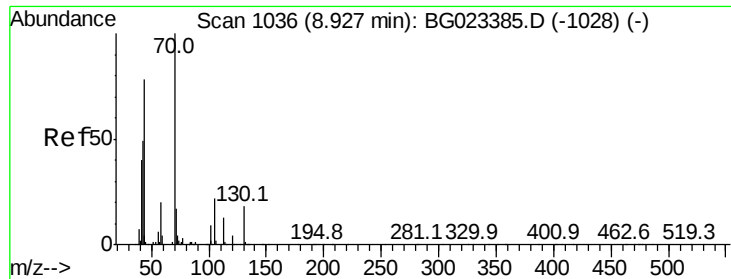


#18
Hexachloroethane
Concen: 36.83 ng
RT: 9.18 min Scan# 1080
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion:	117	Resp:	111448
Ion Ratio	Lower	Upper	
117	100		
119	91.1	73.7	110.5
201	107.0	88.7	133.1

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: 35.76 ng

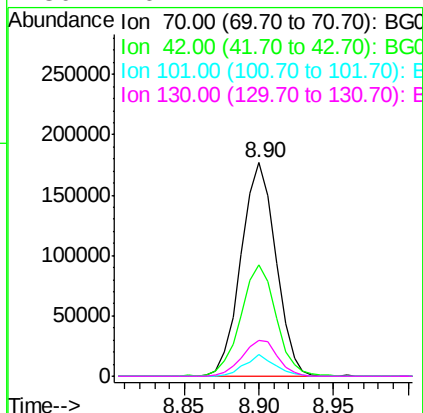
RT: 8.90 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.0	42.1	63.1	
101	10.3	7.2	10.8	
130	16.7	14.2	21.2	



Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

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#20

3+4-Methylphenols

Concen: 21.21 ng

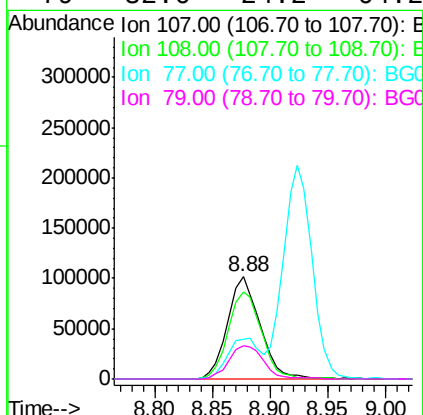
RT: 8.88 min Scan# 1028

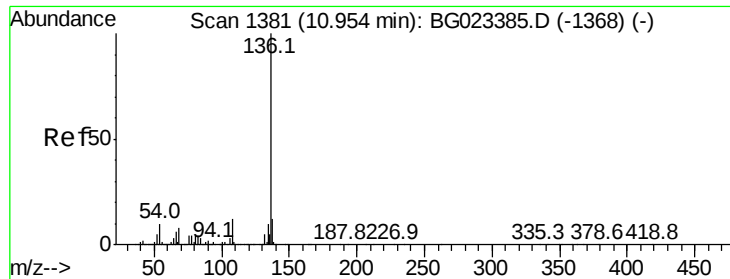
Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.1	72.5	112.5	
77	38.9	30.1	70.1	
79	32.6	24.2	64.2	





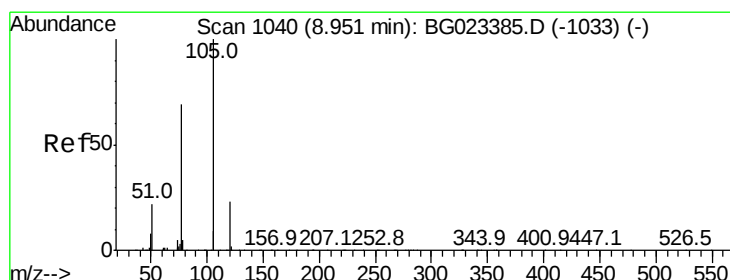
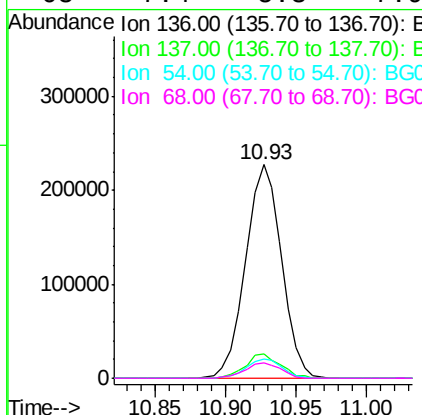
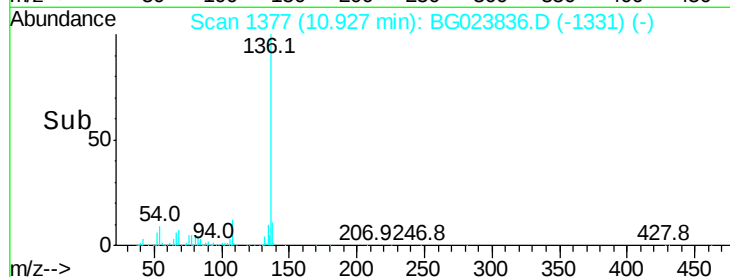
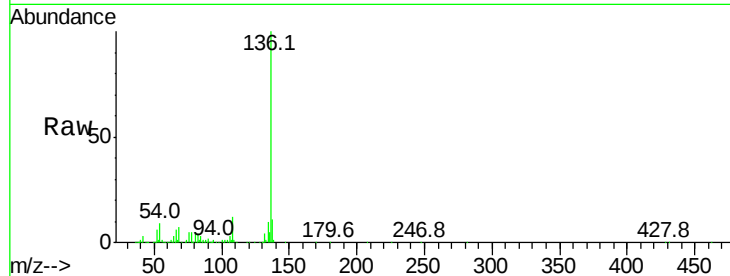
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	405717		
137	11.3	9.6	14.4	
54	8.8	7.3	10.9	
68	7.4	5.3	7.9	

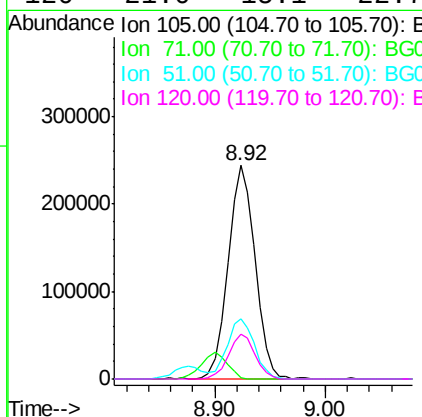
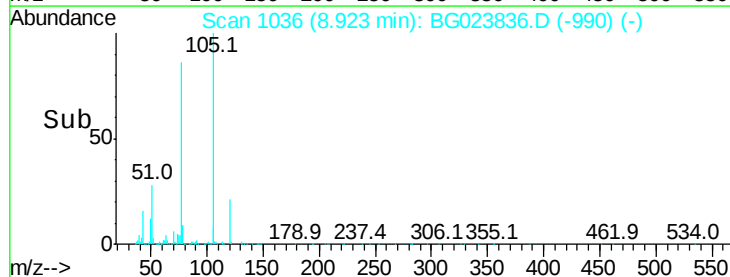
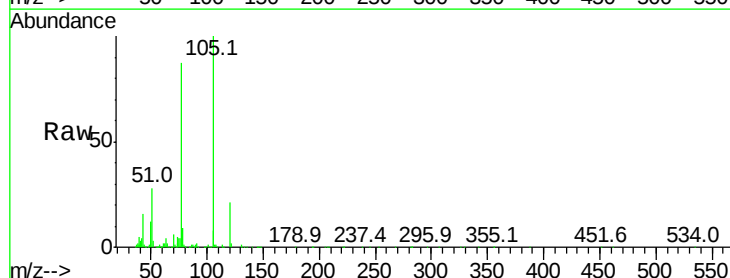
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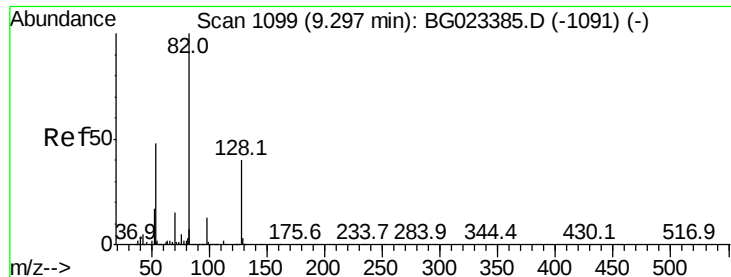
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#22
Acetophenone
Concen: 37.51 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	416690		
71	0.9	2.6	3.8#	
51	28.4	27.1	40.7	
120	21.0	15.1	22.7	





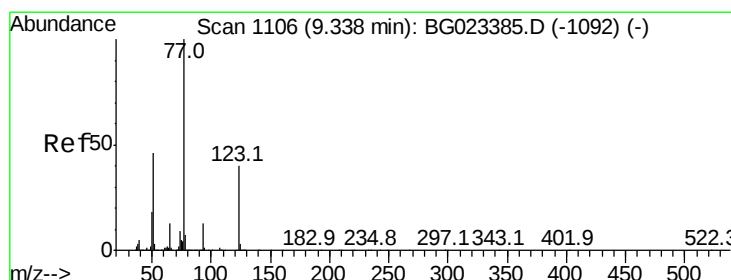
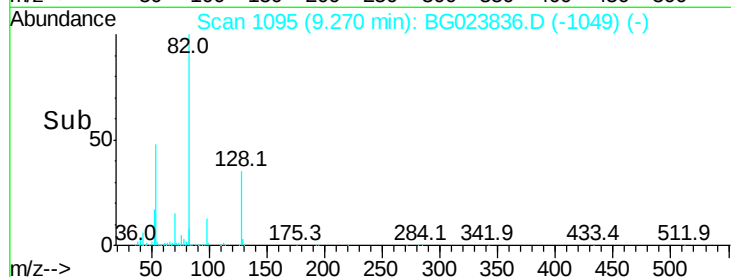
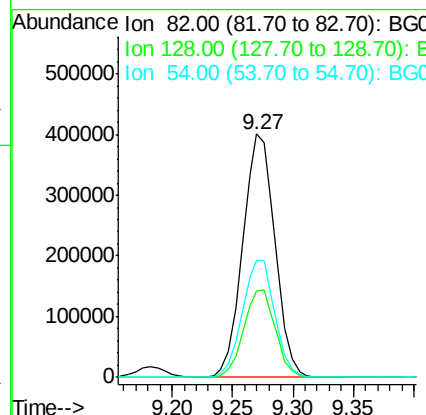
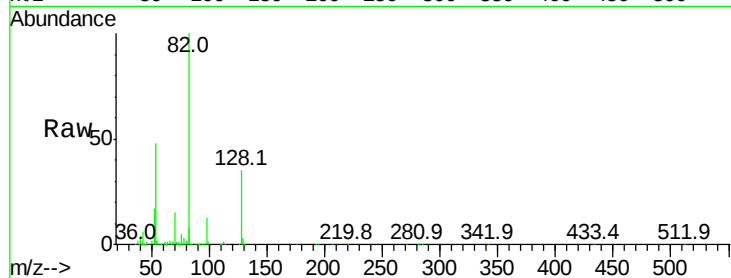
#23
Nitrobenzene-d5
Concen: 91.13 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.2	24.4	36.6
54	48.1	41.4	62.0

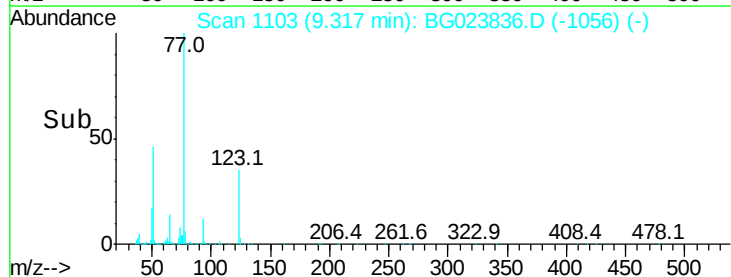
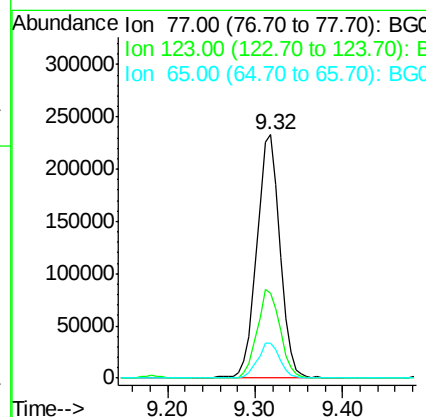
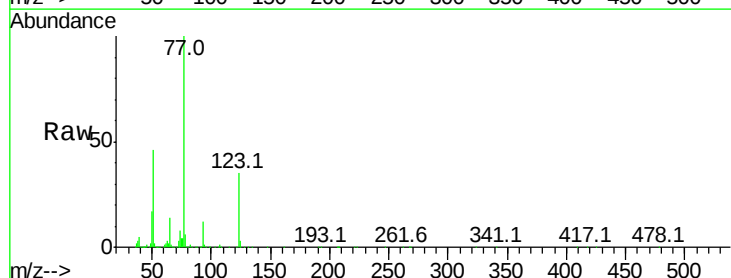
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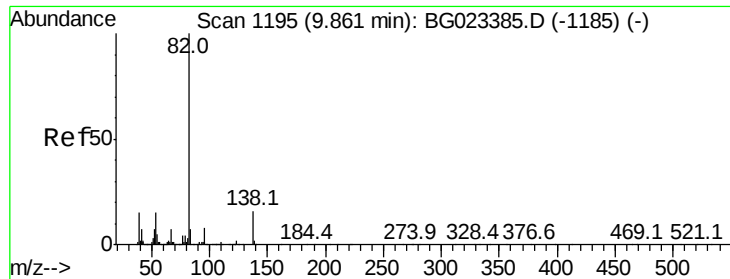
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#24
Nitrobenzene
Concen: 46.27 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.6	25.0	37.6
65	14.2	13.4	20.0





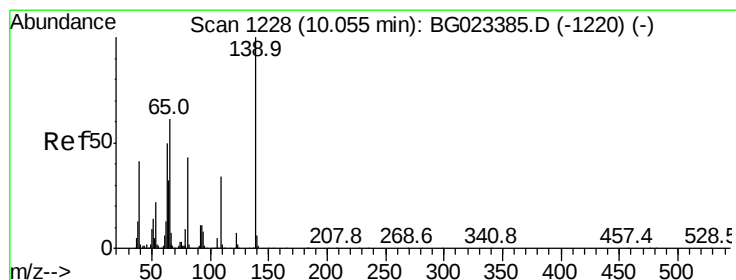
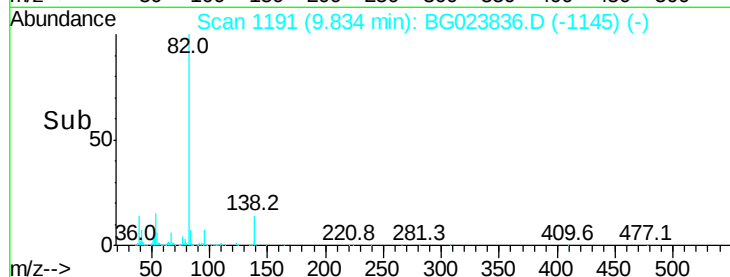
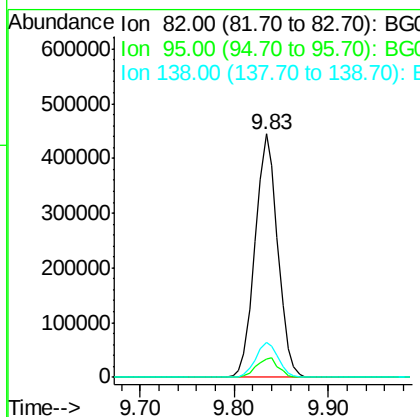
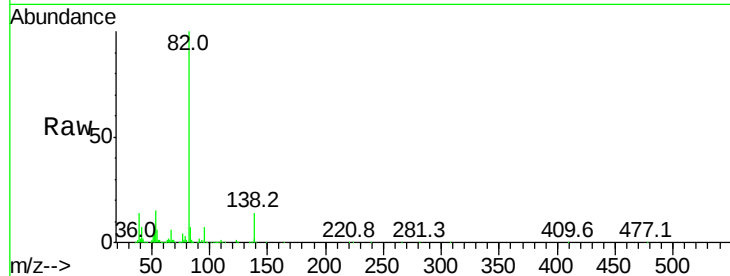
#25
Isophorone
Concen: 43.49 ng
RT: 9.83 min Scan# 1191
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.5	8.2	12.2#	
138	14.4	10.7	16.1	

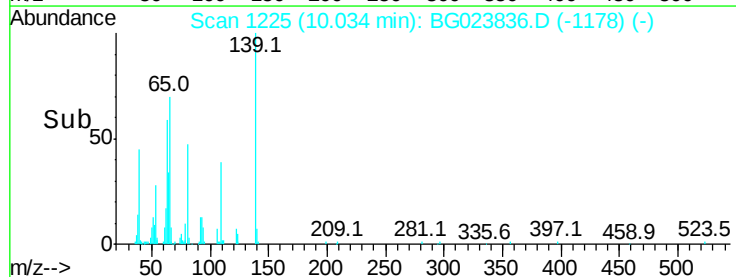
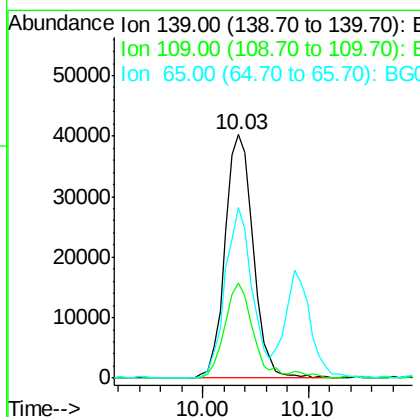
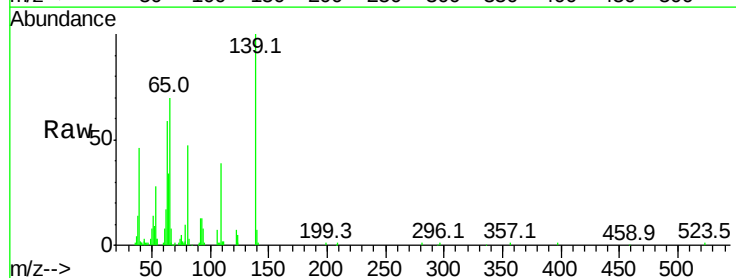
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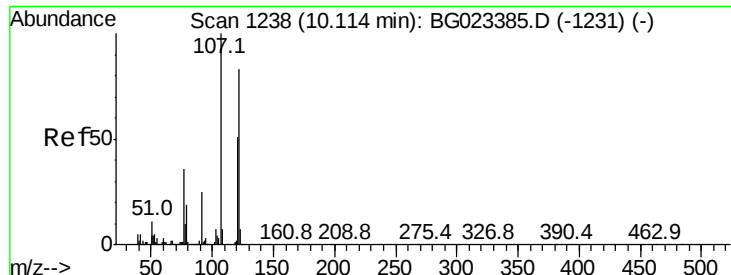
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#26
2-Nitrophenol
Concen: 19.29 ng
RT: 10.03 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.1	43.5	65.3#	
65	70.1	64.3	96.5	





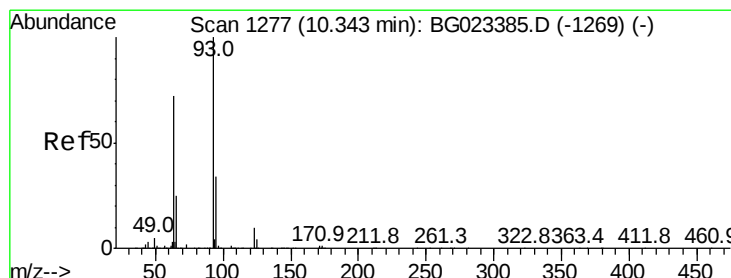
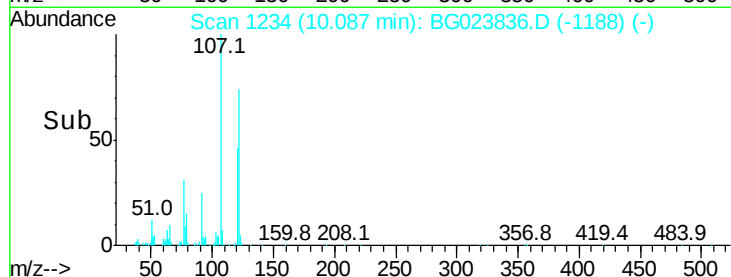
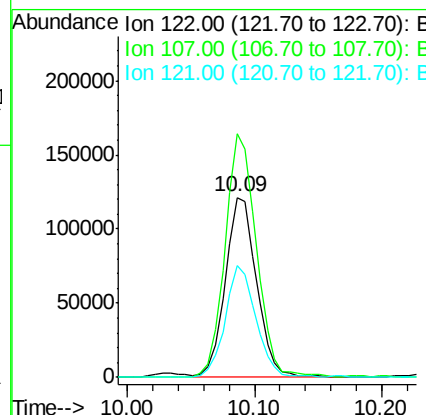
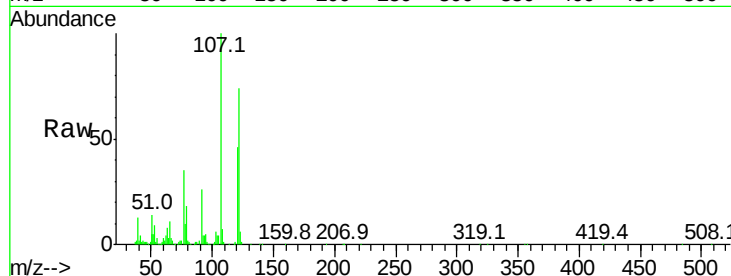
#27
2,4-Dimethylphenol
Concen: 31.58 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.5	117.0	175.4
121	62.0	50.1	75.1

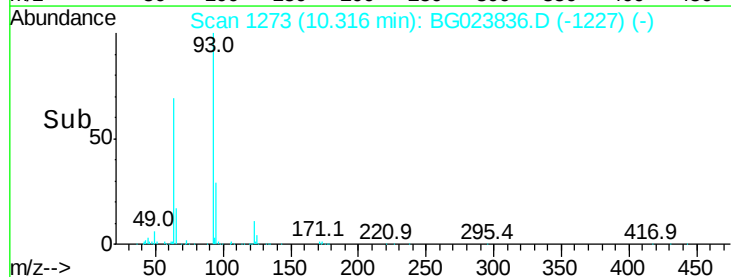
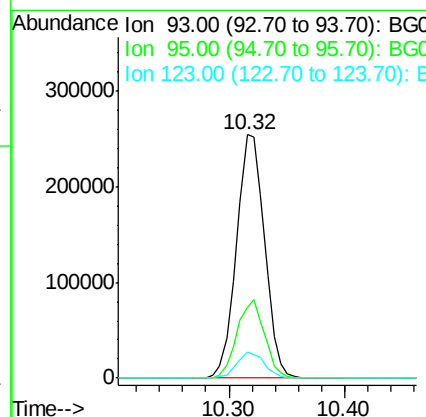
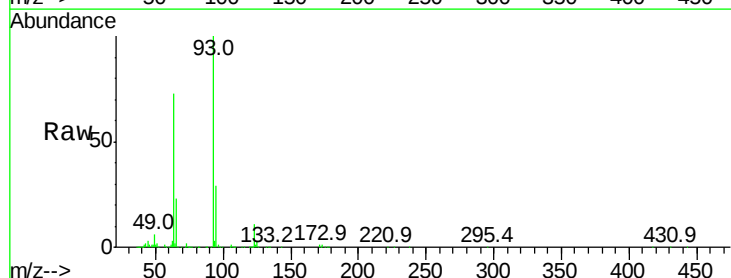
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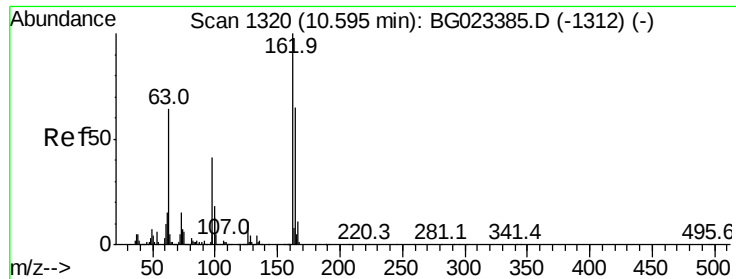
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#28
bis(2-Chloroethoxy)methane
Concen: 42.03 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.1	25.4	38.2
123	10.9	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 22.68 ng

RT: 10.58 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

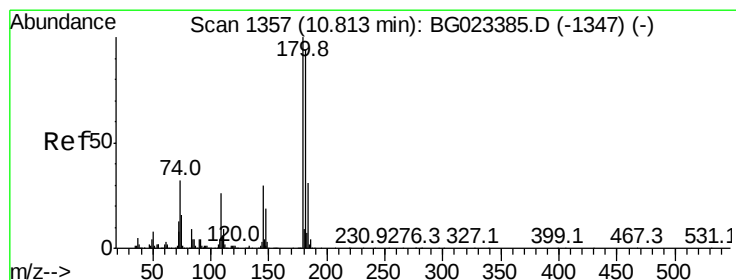
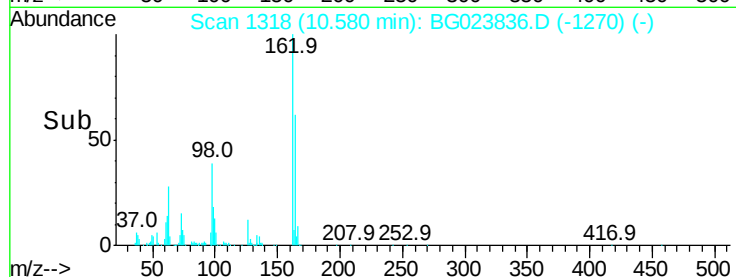
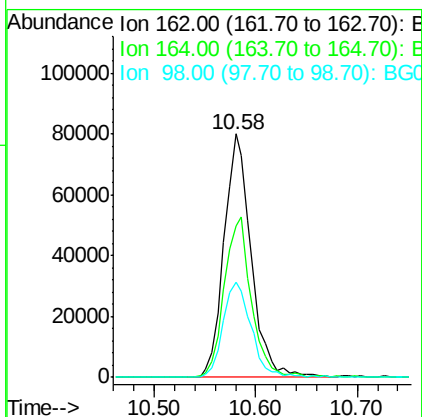
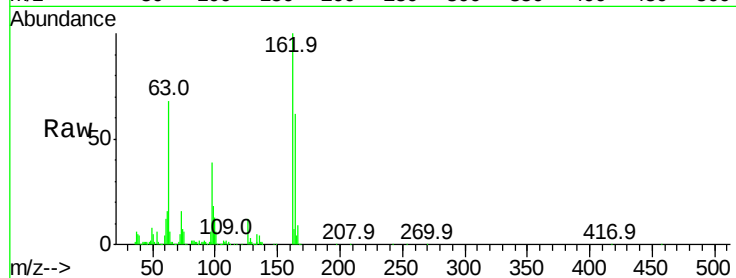
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion:	162	Resp:	148102
Ion Ratio	Lower	Upper	
162	100		
164	62.3	44.3	84.3
98	39.0	19.5	59.5

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#30

1,2,4-Trichlorobenzene

Concen: 43.48 ng

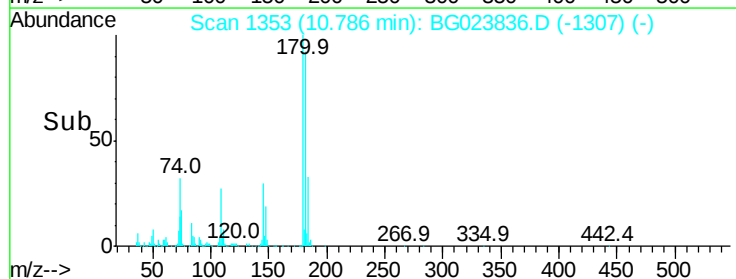
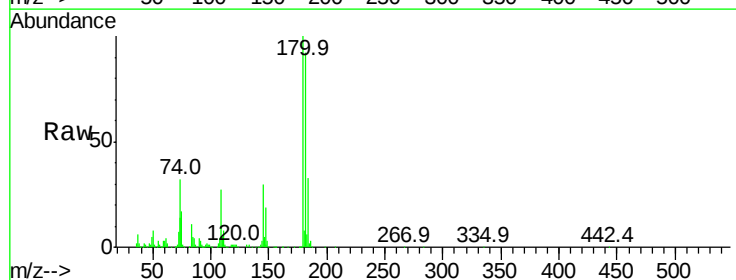
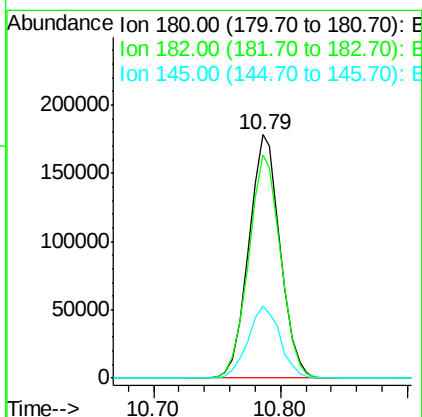
RT: 10.79 min Scan# 1353

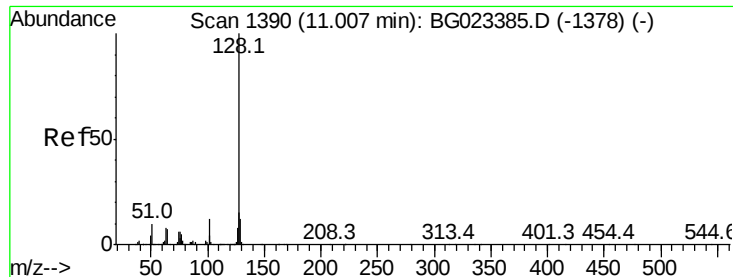
Delta R.T. -0.03 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion:	180	Resp:	306219
Ion Ratio	Lower	Upper	
180	100		
182	91.7	73.8	110.8
145	29.6	24.4	36.6





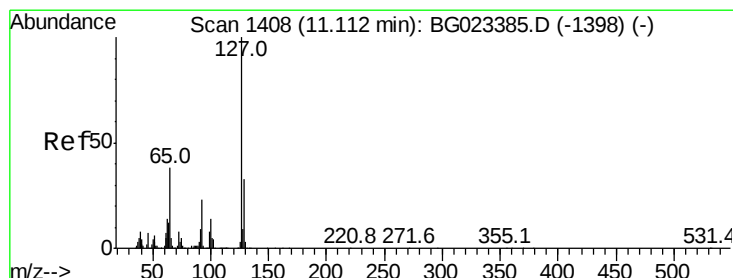
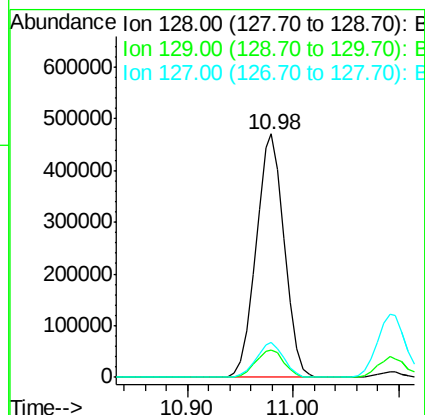
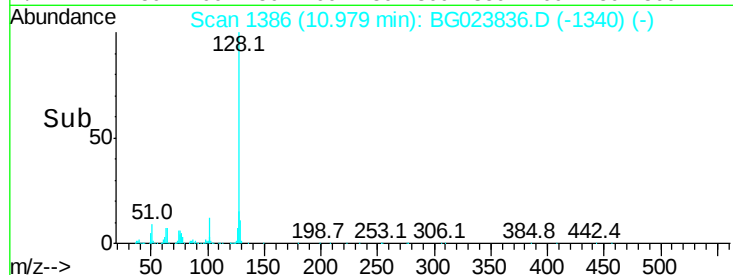
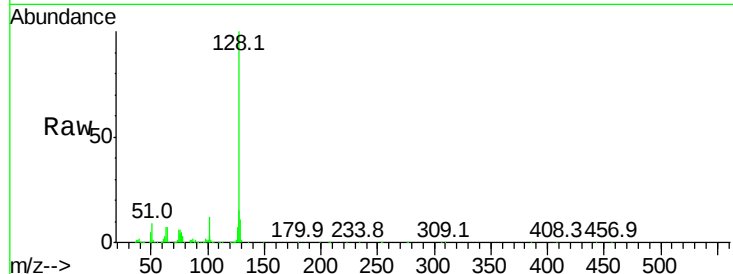
#31
Naphthalene
Concen: 42.11 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion:	128	Resp:	870040
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.0
127	14.6	11.3	16.9

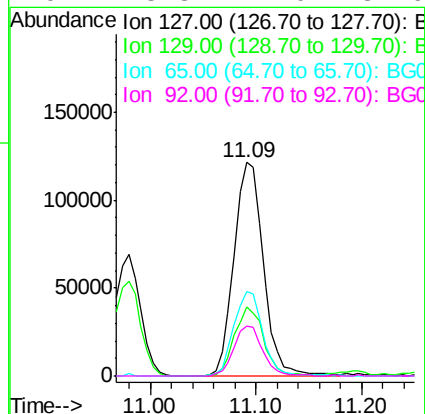
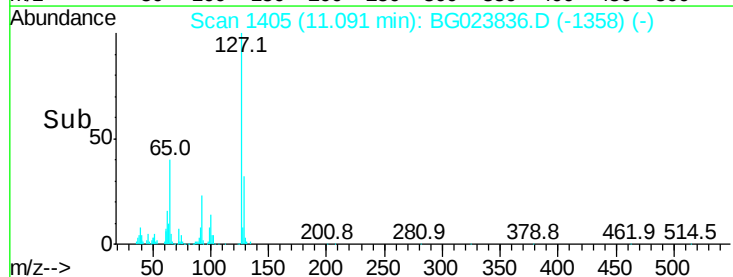
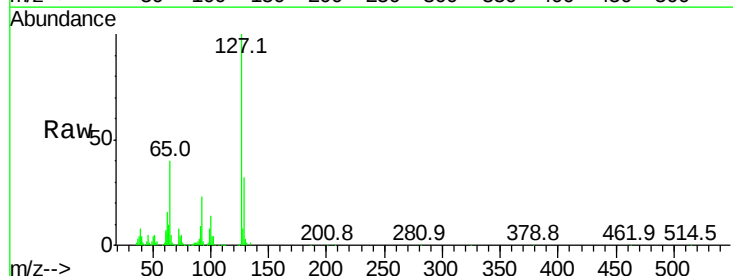
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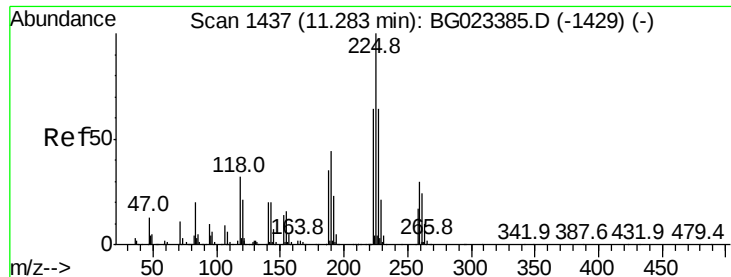
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#33
4-Chloroaniline
Concen: 23.71 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion:	127	Resp:	234138
Ion Ratio	Lower	Upper	
127	100		
129	32.3	27.9	41.9
65	39.7	36.8	55.2
92	23.3	21.0	31.6





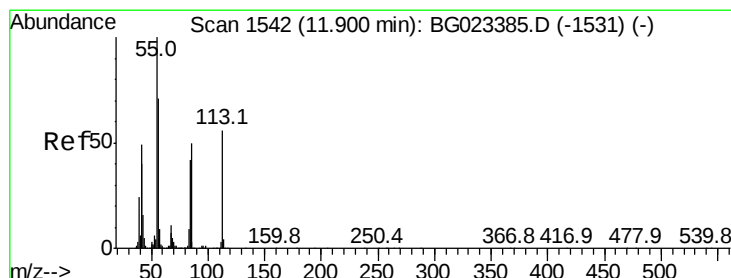
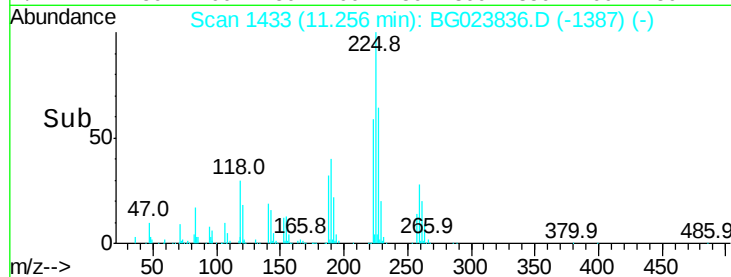
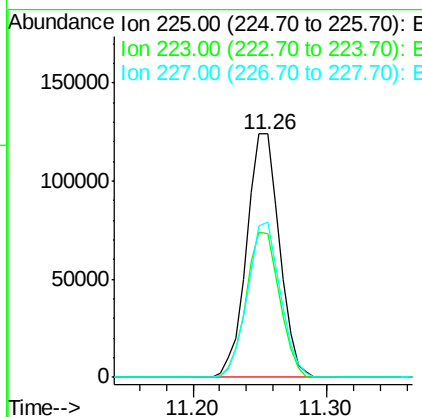
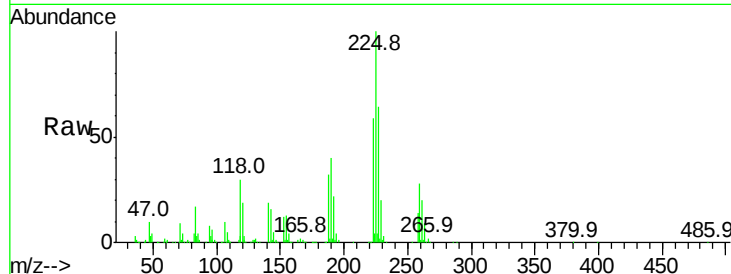
#34
Hexachlorobutadiene
Concen: 45.24 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	209535		
223	58.9	49.6	74.4	
227	63.7	54.5	81.7	

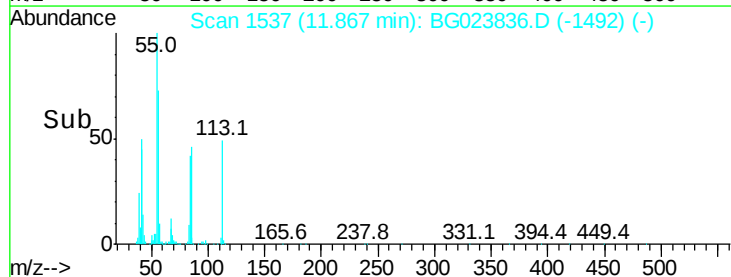
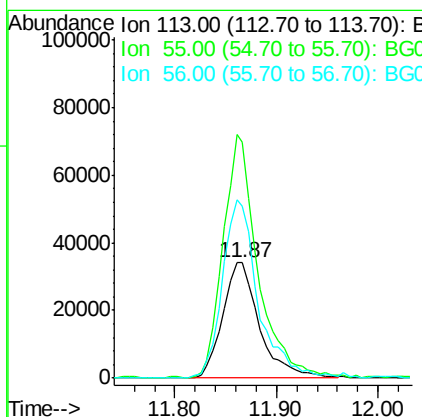
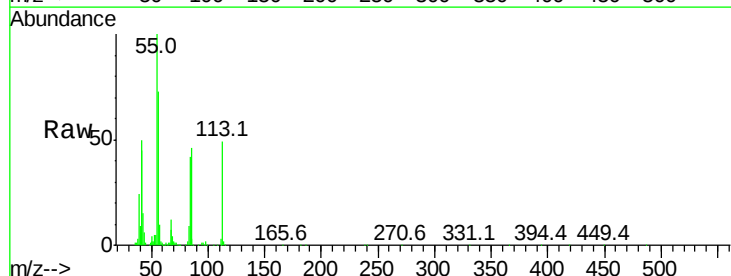
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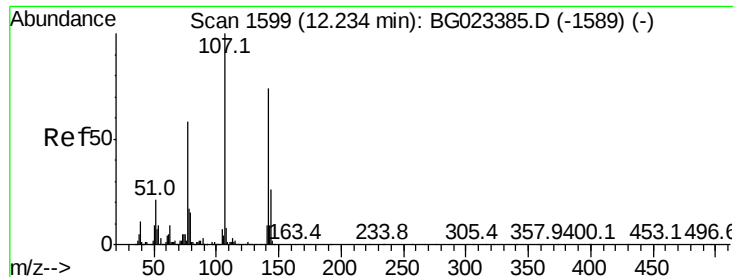
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#35
Caprolactam
Concen: 31.25 ng
RT: 11.87 min Scan# 1537
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	85860		
55	204.1	154.5	194.5#	
56	148.6	125.1	165.1	





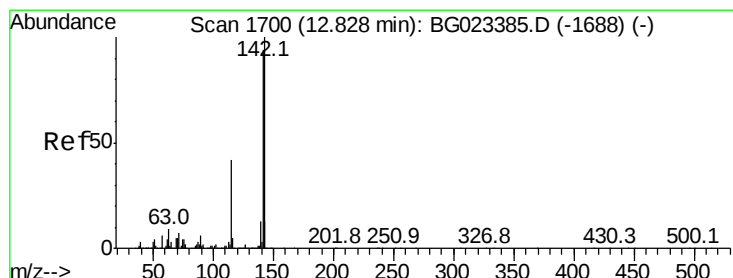
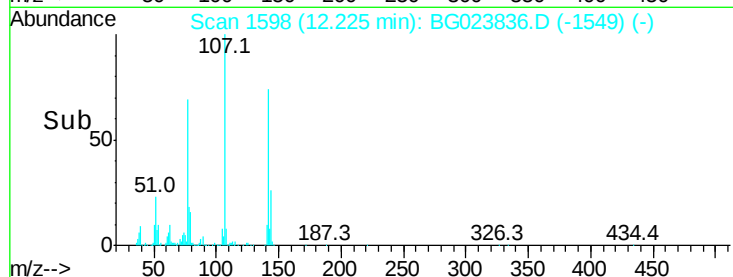
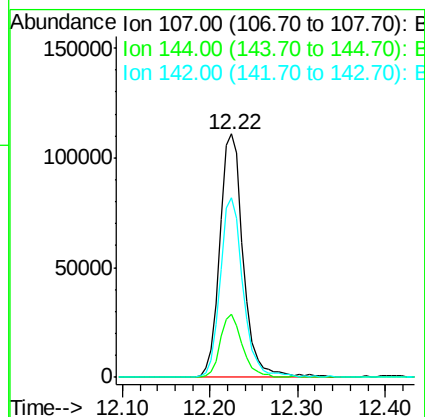
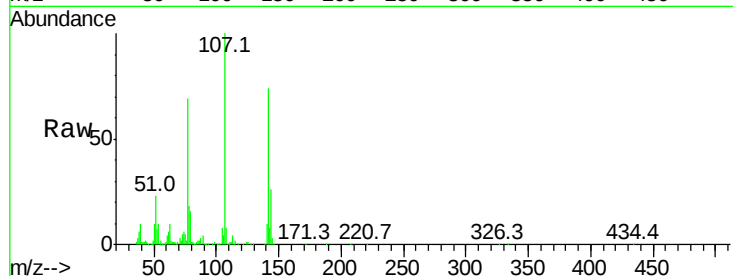
#36
4-Chloro-3-methylphenol
Concen: 23.92 ng
RT: 12.22 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.7	17.0	25.6#	
142	73.9	53.0	79.6	

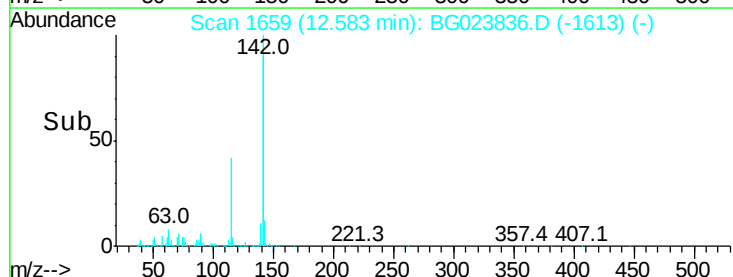
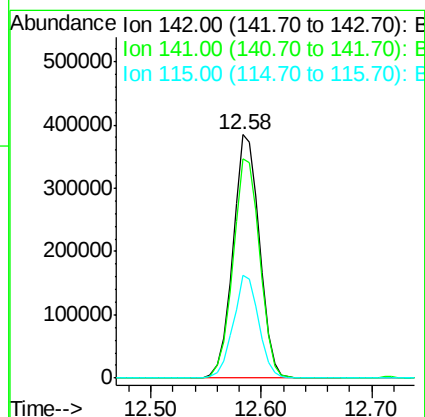
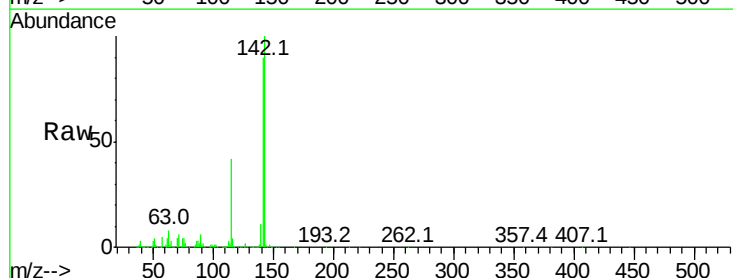
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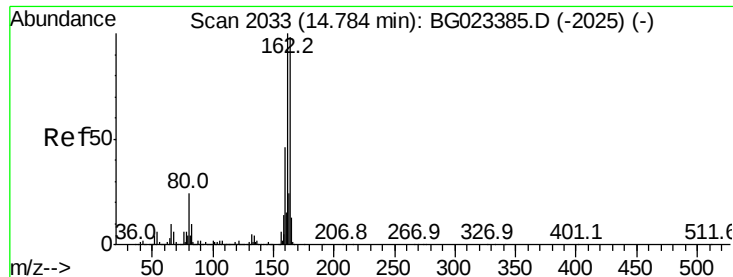
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#37
2-Methylnaphthalene
Concen: 41.18 ng
RT: 12.58 min Scan# 1659
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	90.1	70.2	105.2	
115	42.2	41.7	62.5	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BG023836.D

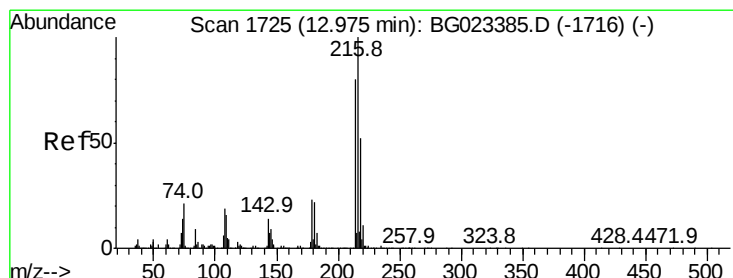
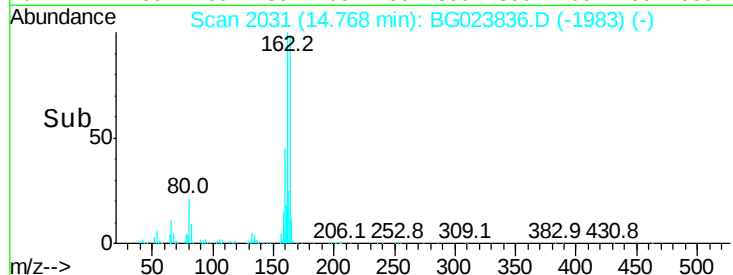
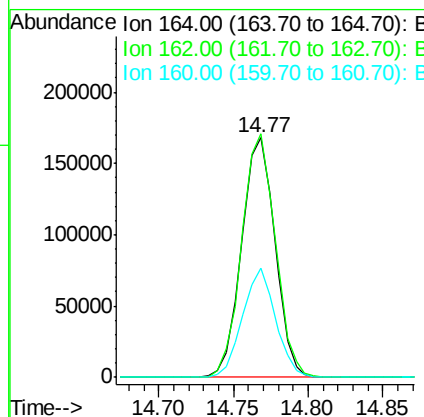
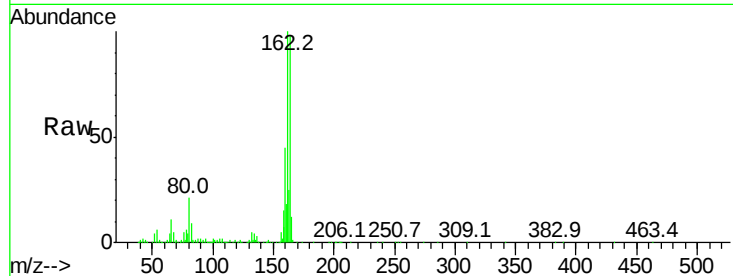
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	87.7	131.5
160	45.9	37.2	55.8

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.65 ng

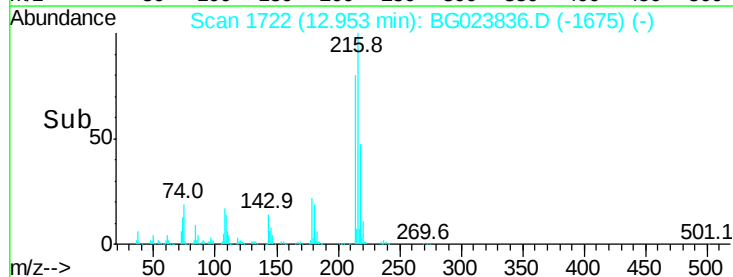
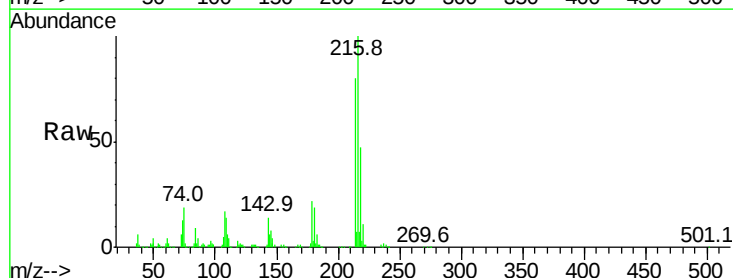
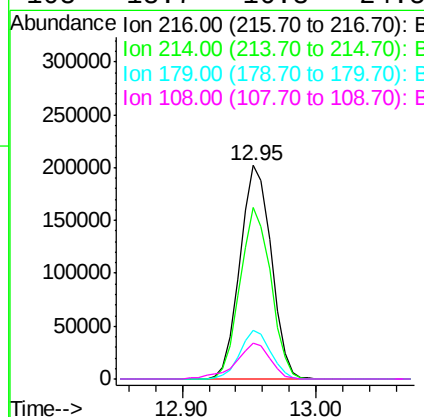
RT: 12.95 min Scan# 1722

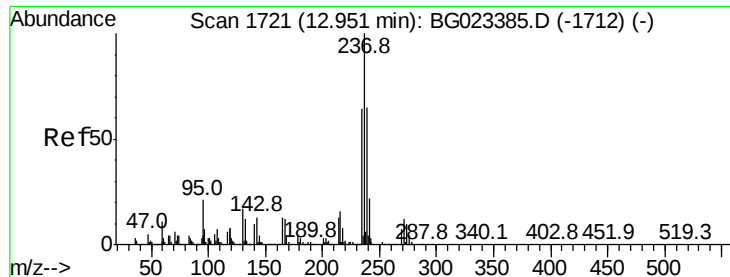
Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.9	94.3
179	22.3	17.2	25.8
108	18.7	16.3	24.5





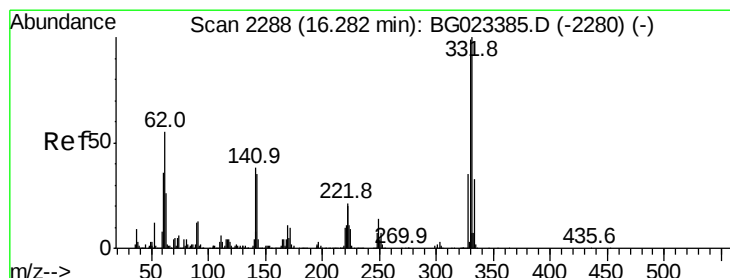
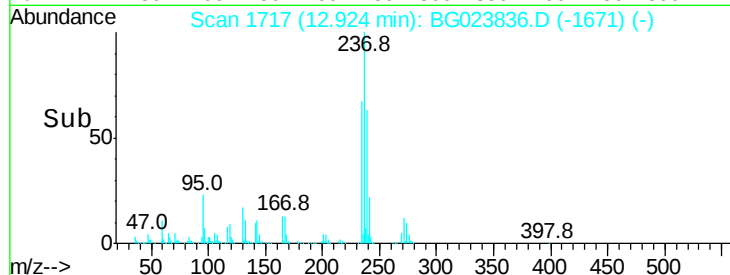
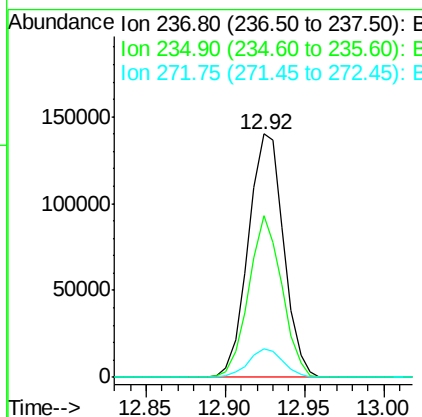
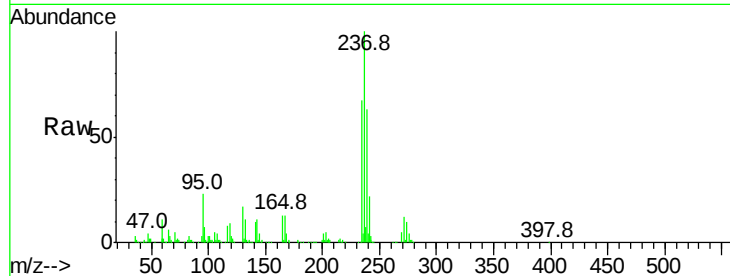
#40
Hexachlorocyclopentadiene
Concen: 45.61 ng
RT: 12.92 min Scan# 1717
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	66.6	43.1	83.1
272	11.5	0.0	30.9

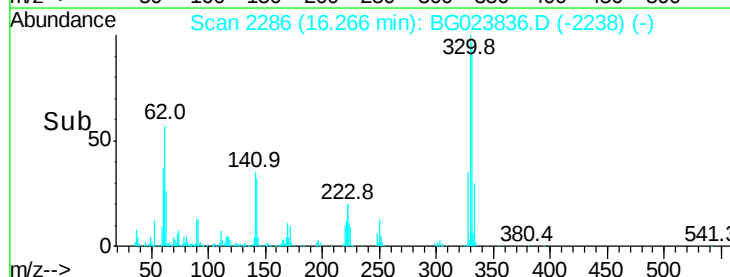
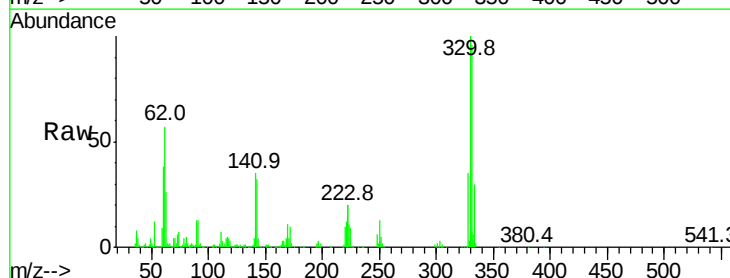
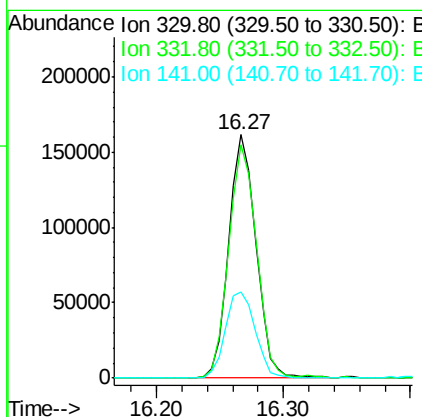
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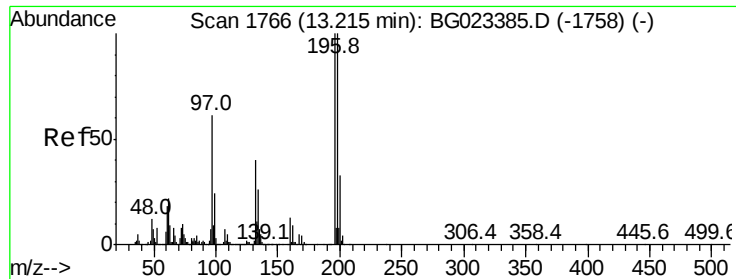
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#41
2,4,6-Tribromophenol
Concen: 63.36 ng
RT: 16.27 min Scan# 2286
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.1	77.4	116.2
141	38.7	31.7	47.5





#42

2,4,6-Trichlorophenol

Concen: 22.47 ng

RT: 13.20 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

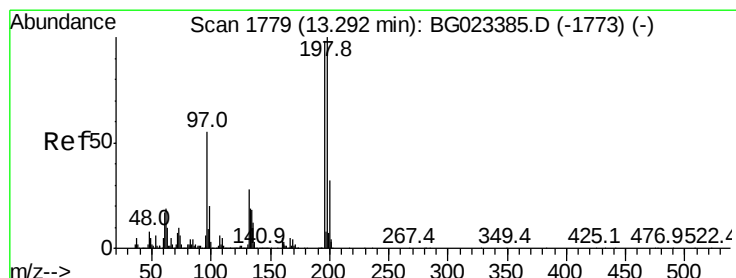
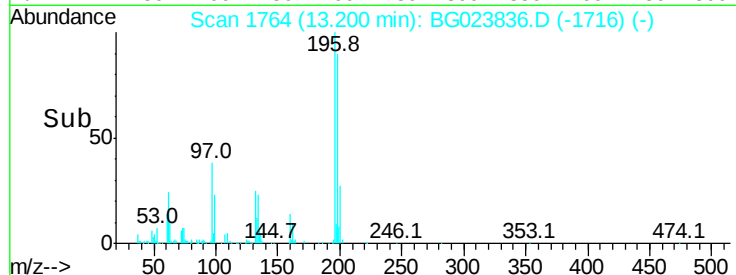
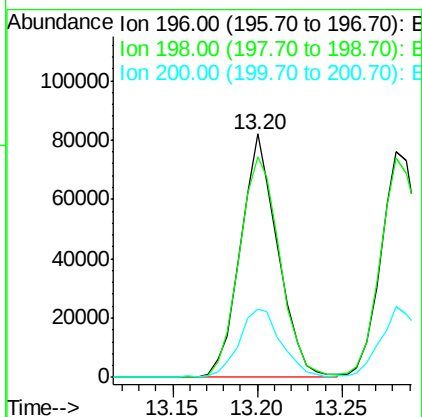
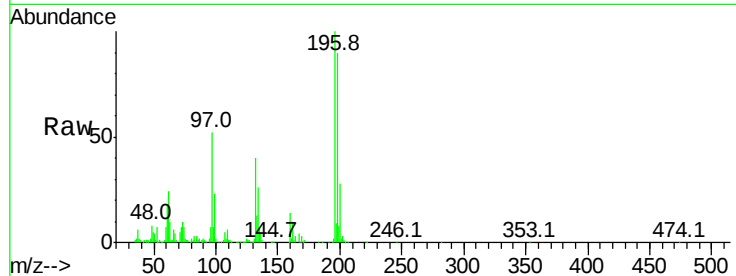
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion:	196	Resp:	126172
Ion Ratio	Lower	Upper	
196	100		
198	90.5	78.2	117.2
200	27.9	27.0	40.4

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#43

2,4,5-Trichlorophenol

Concen: 22.35 ng

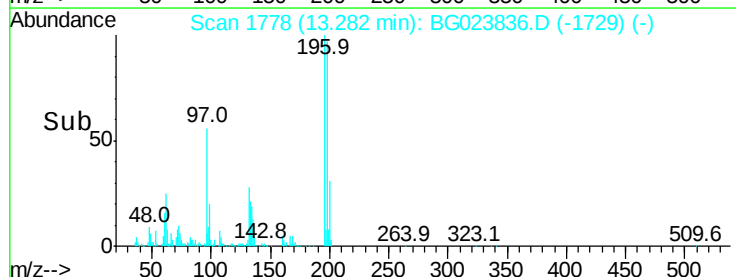
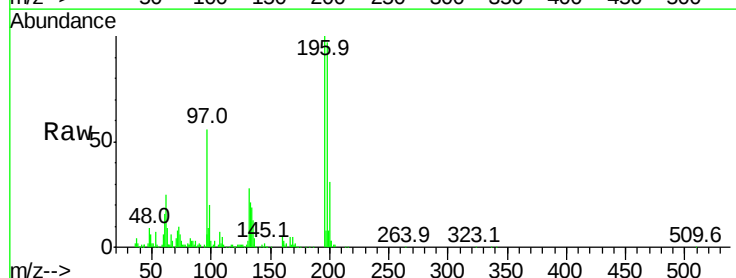
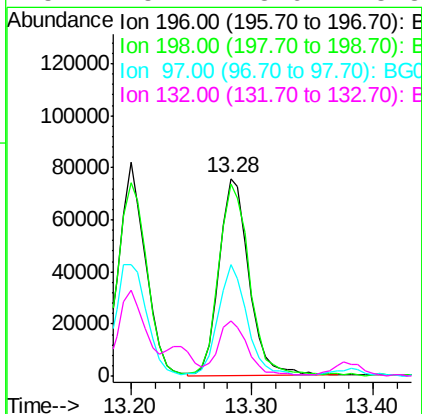
RT: 13.28 min Scan# 1778

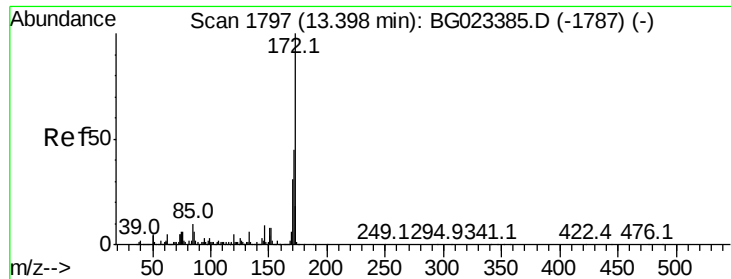
Delta R.T. -0.01 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion:	196	Resp:	129215
Ion Ratio	Lower	Upper	
196	100		
198	97.2	85.7	128.5
97	56.5	45.5	68.3
132	28.1	18.9	28.3





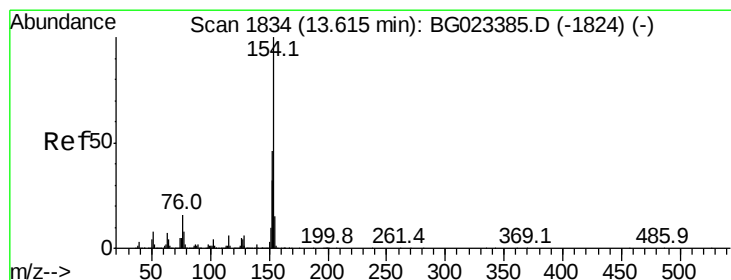
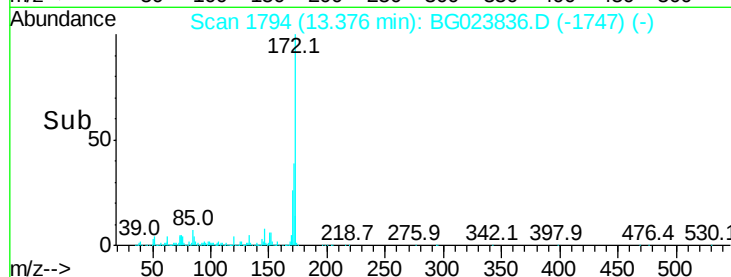
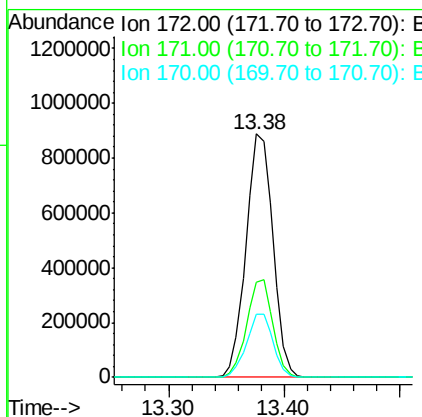
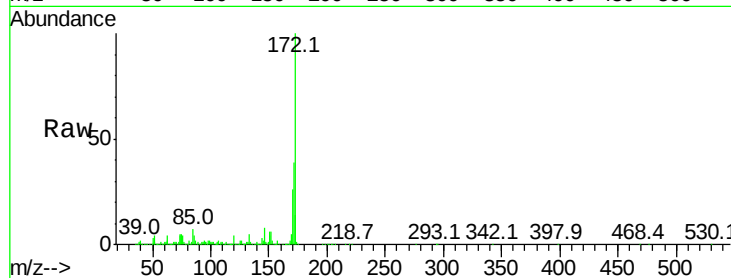
#44
2-Fluorobiphenyl
Concen: 93.59 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.6	47.4
170	26.2	21.3	31.9

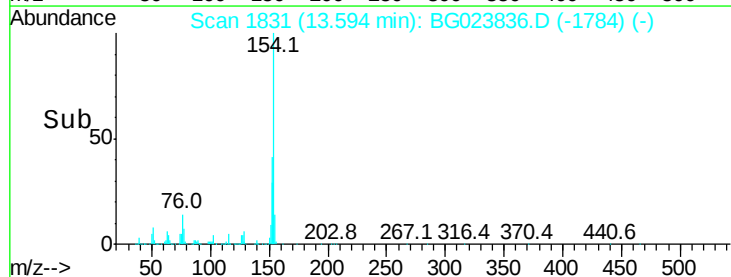
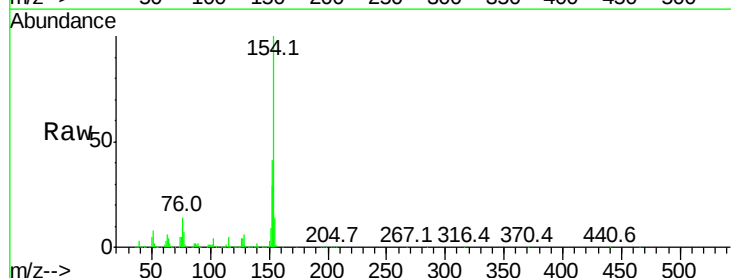
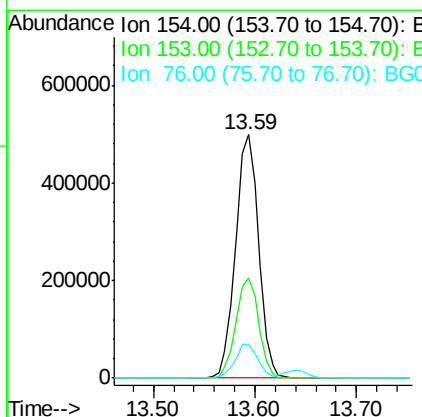
Manual Integrations
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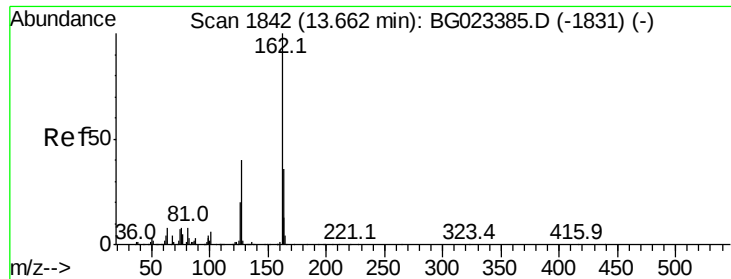
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#45
1,1'-Biphenyl
Concen: 39.53 ng
RT: 13.59 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.2	60.2
76	14.0	0.0	32.9





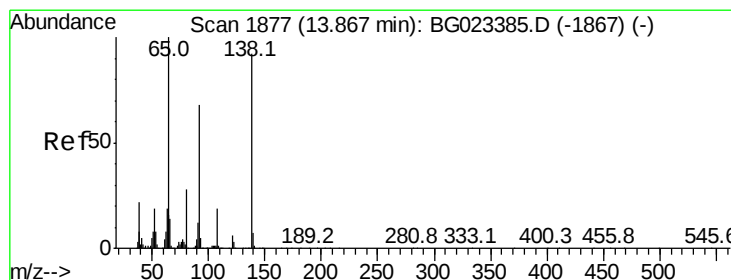
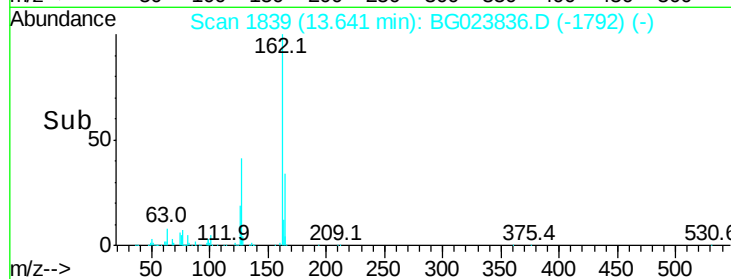
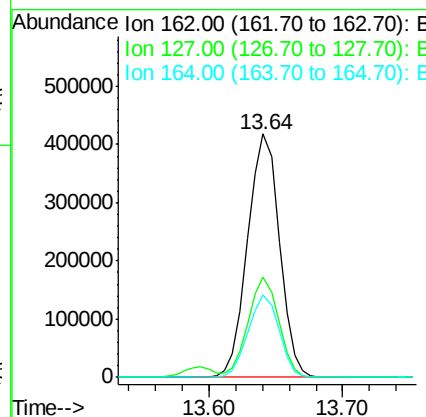
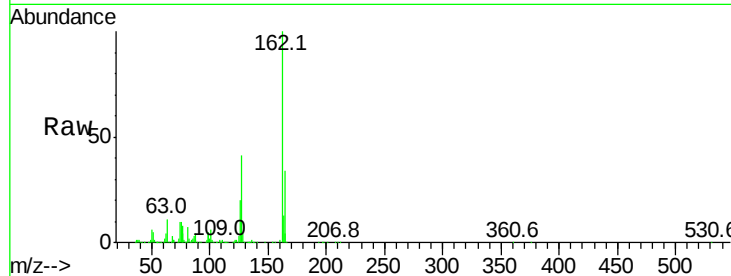
#46
2-Chloronaphthalene
Concen: 44.73 ng
RT: 13.64 min Scan# 1839
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.4	48.6
164	33.8	25.2	37.8

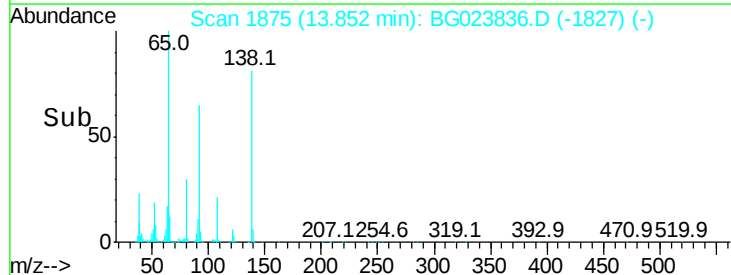
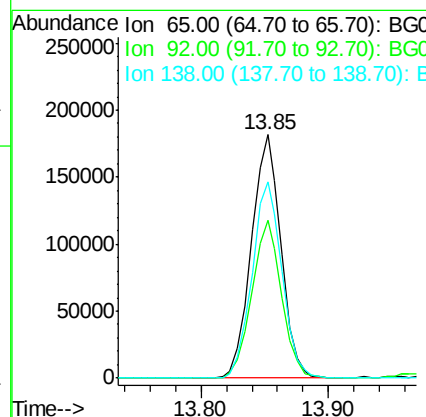
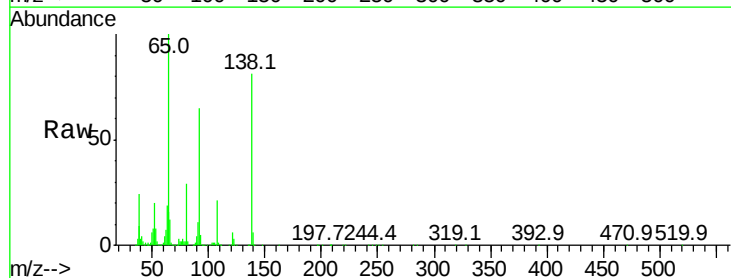
Manual Integrations
APPROVED

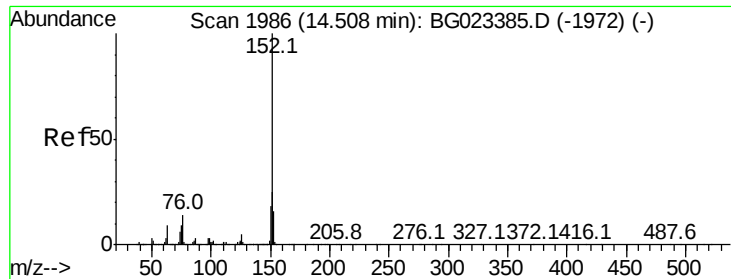
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#47
2-Nitroaniline
Concen: 46.11 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	49.4	74.0
138	80.6	58.0	87.0





#48

Acenaphthylene

Concen: 44.84 ng

RT: 14.49 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

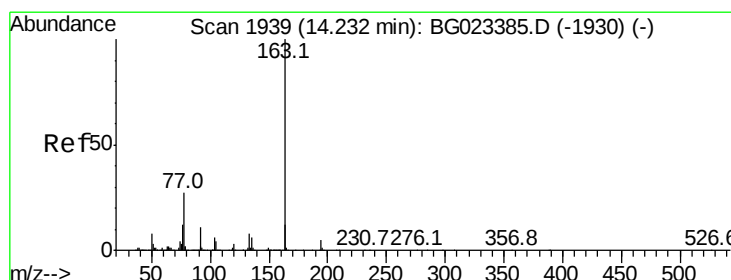
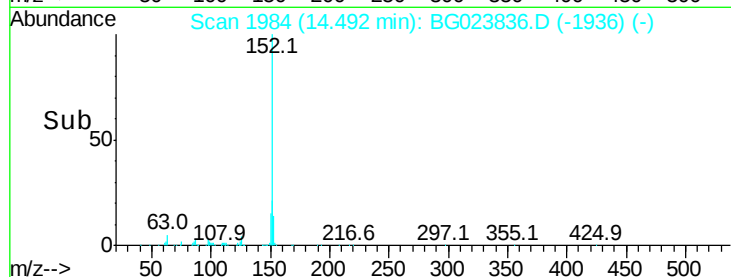
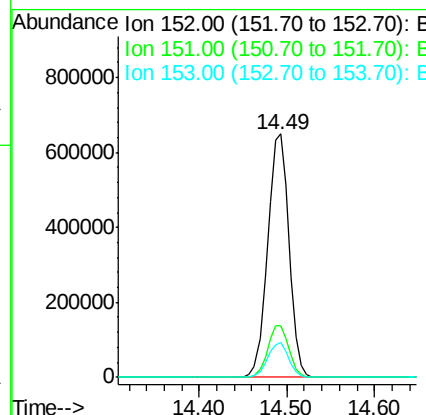
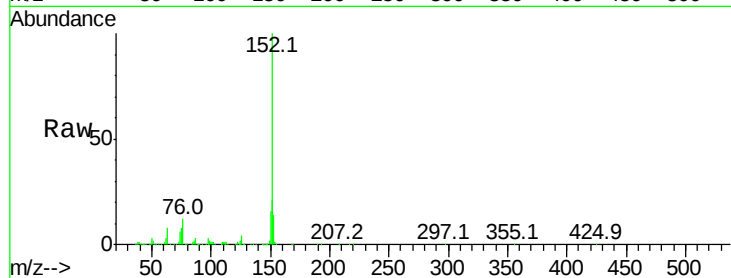
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion:	152	Resp:	1089665
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.6	26.4
153	14.5	11.4	17.2

Manual Integrations
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#49

Dimethylphthalate

Concen: 57.70 ng

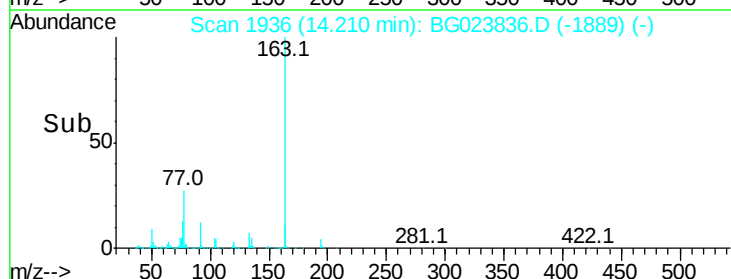
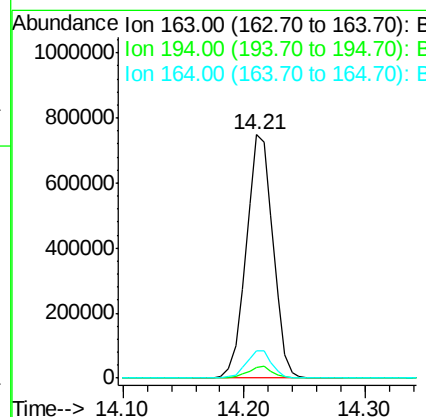
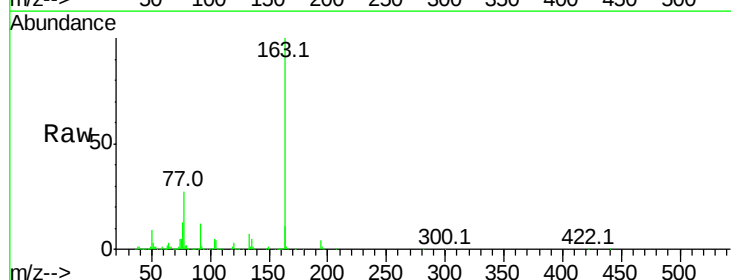
RT: 14.21 min Scan# 1936

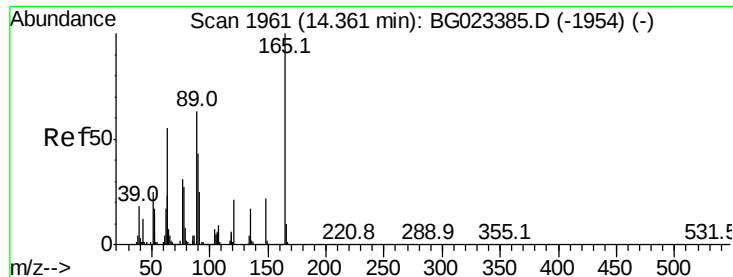
Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion:	163	Resp:	1150910
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	11.4	8.1	12.1





#50

2,6-Dinitrotoluene

Concen: 43.69 ng

RT: 14.35 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

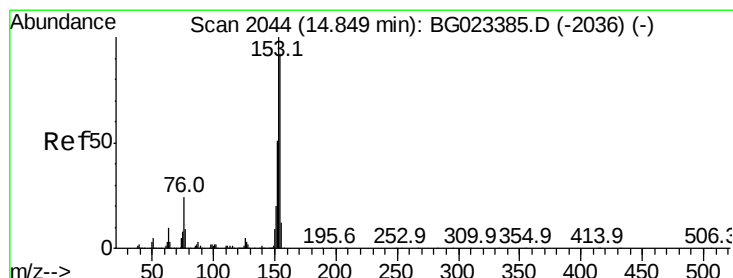
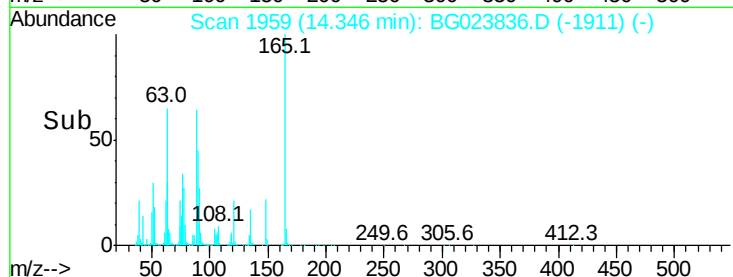
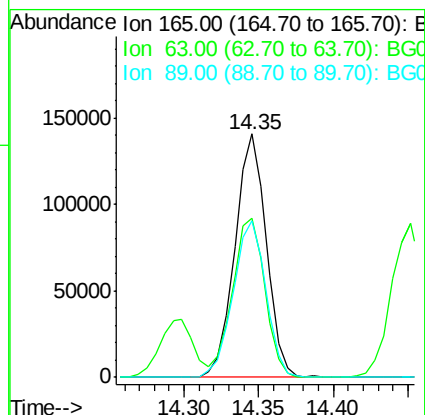
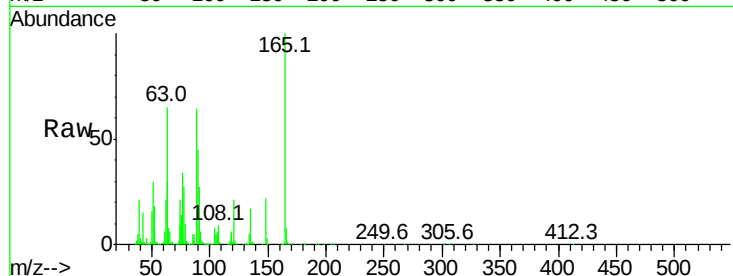
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	206378		
63	65.3	64.3	96.5	
89	64.3	64.3	96.5	

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#51

Acenaphthene

Concen: 43.98 ng

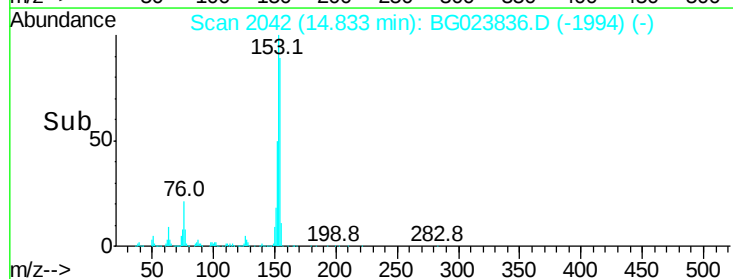
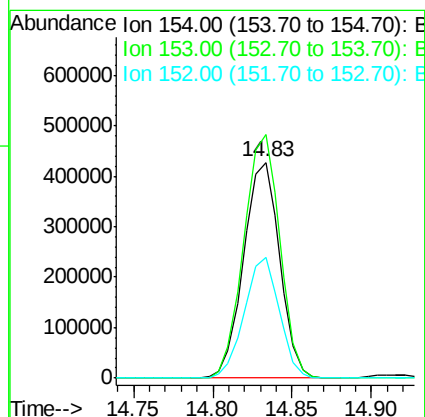
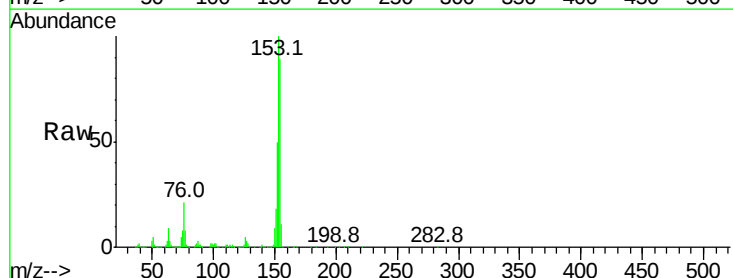
RT: 14.83 min Scan# 2042

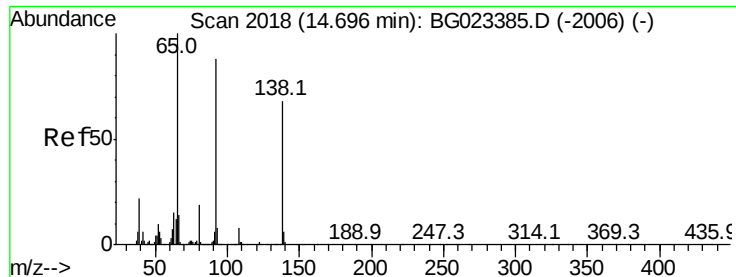
Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	677115		
153	112.9	87.5	131.3	
152	56.1	42.7	64.1	





#52

3-Nitroaniline

Concen: 26.30 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

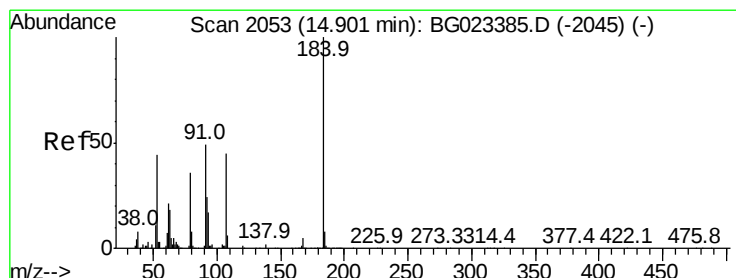
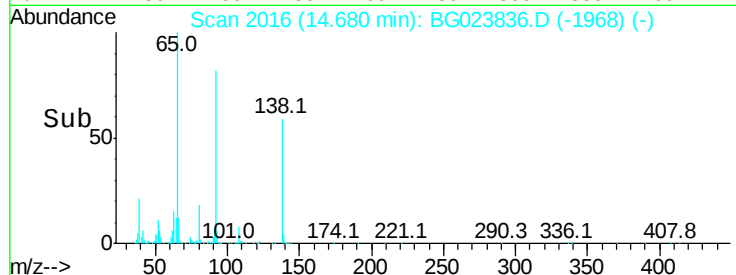
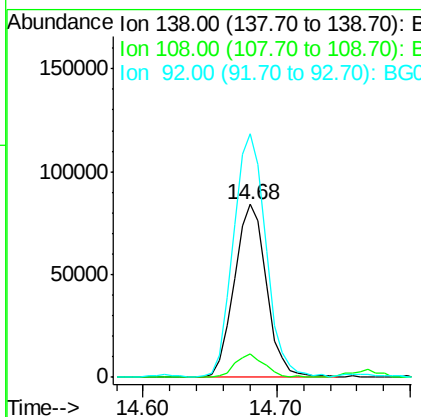
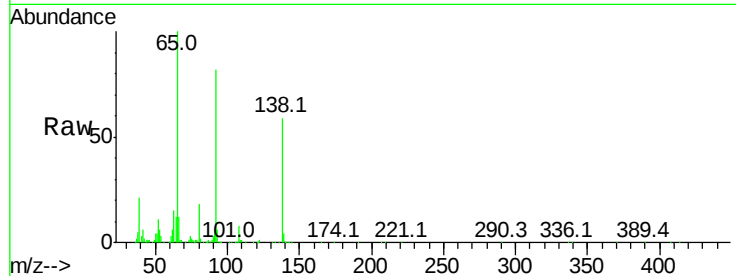
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.6	11.7	17.5
92	140.8	129.7	194.5

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#53

2,4-Dinitrophenol

Concen: 6.46 ng

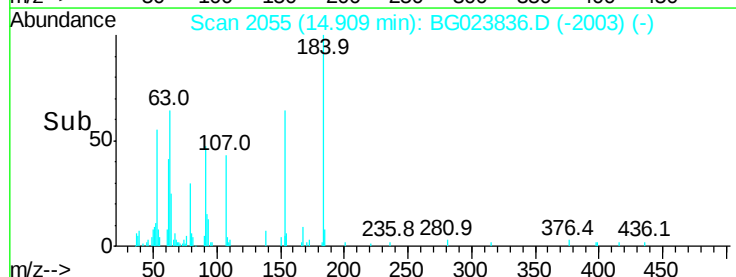
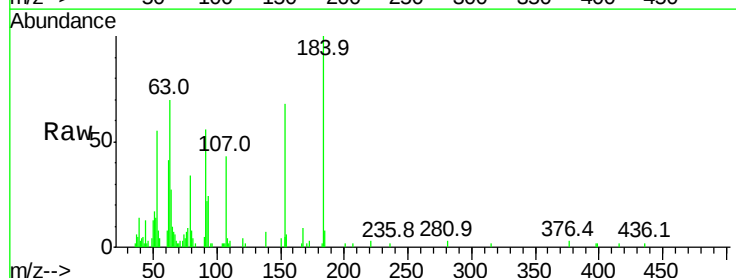
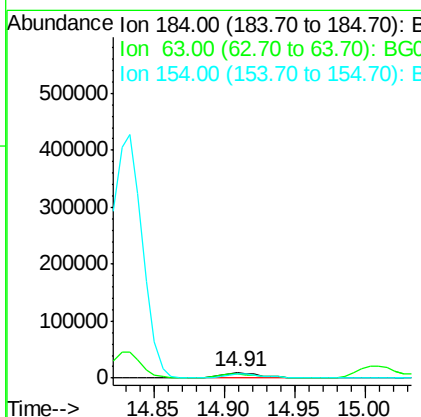
RT: 14.91 min Scan# 2055

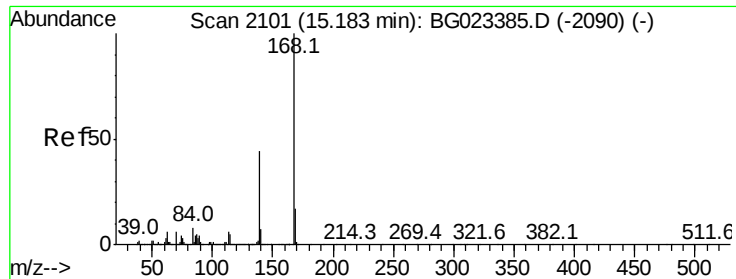
Delta R.T. 0.01 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.3	59.6	89.4
154	67.5	67.4	101.0





#54

Dibenzofuran

Concen: 49.44 ng

RT: 15.17 min Scan# 2099

Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion:168 Resp: 1105042

Ion Ratio Lower Upper

168 100

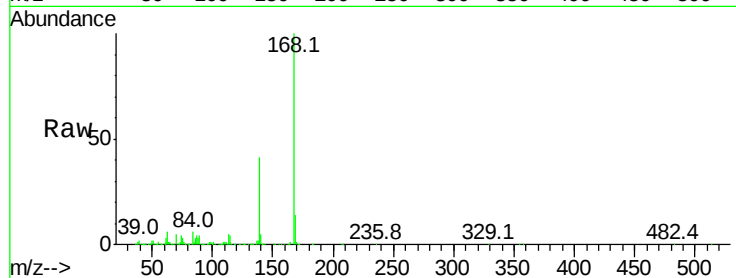
139 40.8 36.4 54.6

169 14.2 11.9 17.9

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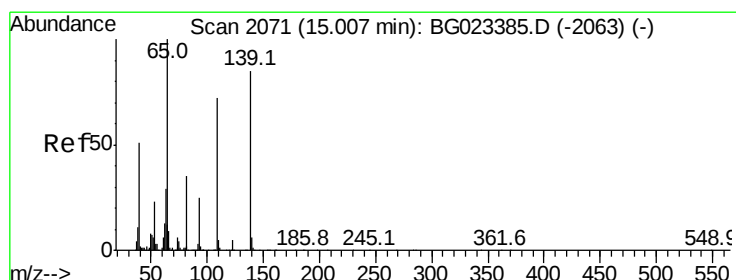
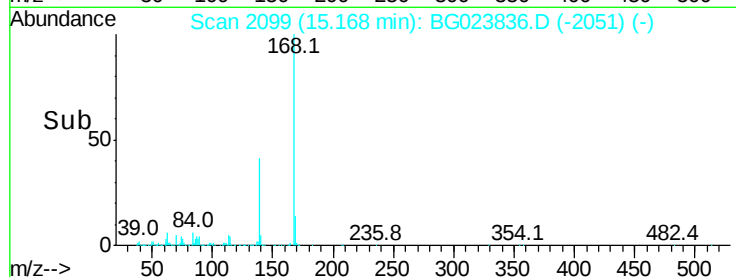
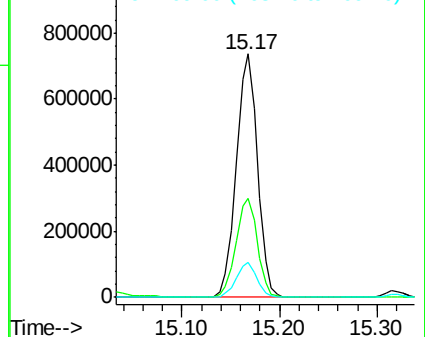
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 31.07 ng

RT: 15.01 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

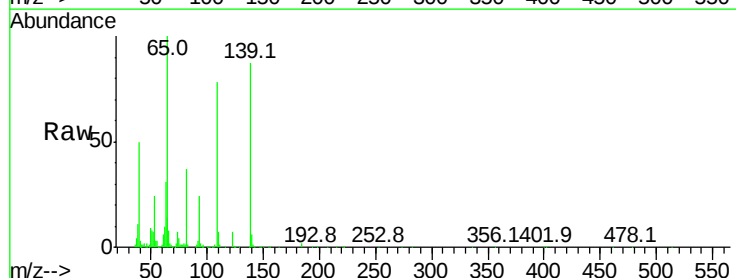
Tgt Ion:139 Resp: 129984

Ion Ratio Lower Upper

139 100

109 89.6 103.0 143.0#

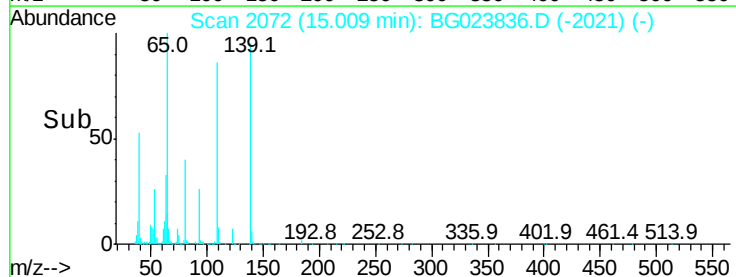
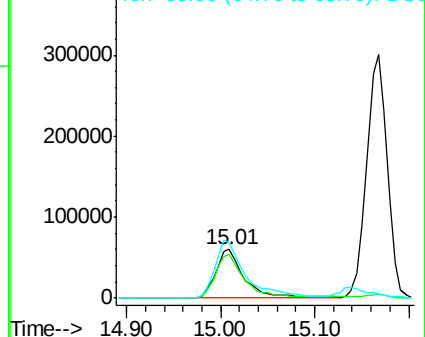
65 114.6 112.7 152.7

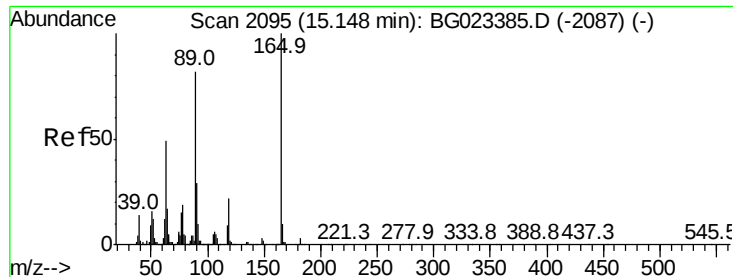


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





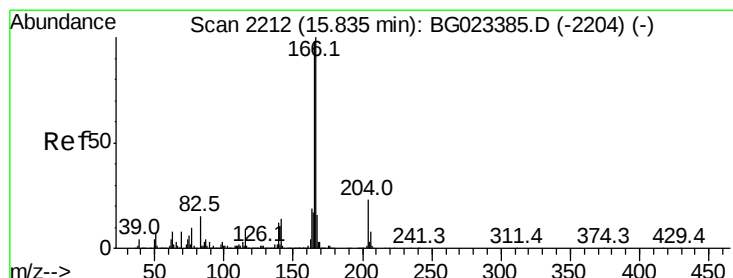
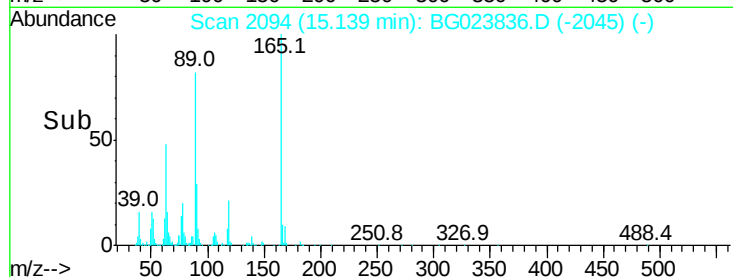
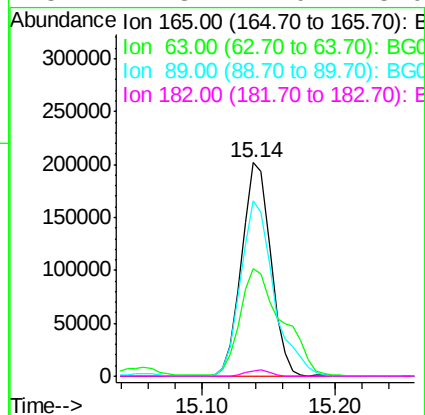
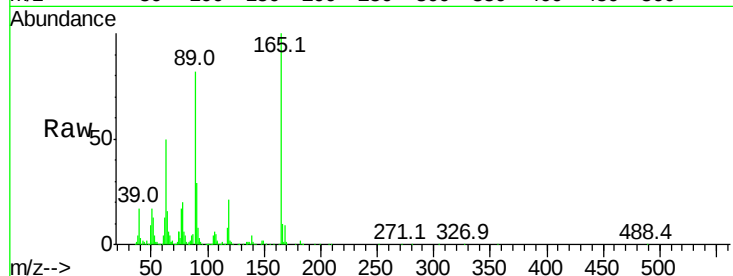
#56
2,4-Dinitrotoluene
Concen: 46.15 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	305965		
63	50.1	45.8	68.6	
89	82.0	68.6	102.8	
182	2.3	2.0	3.0	

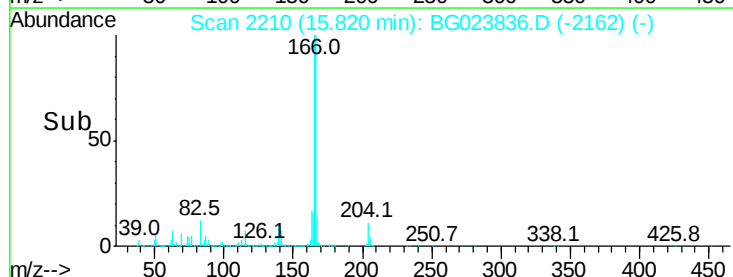
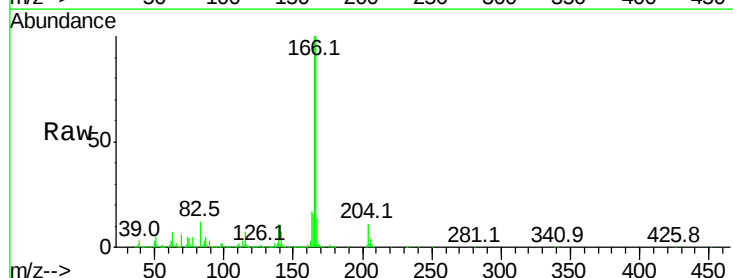
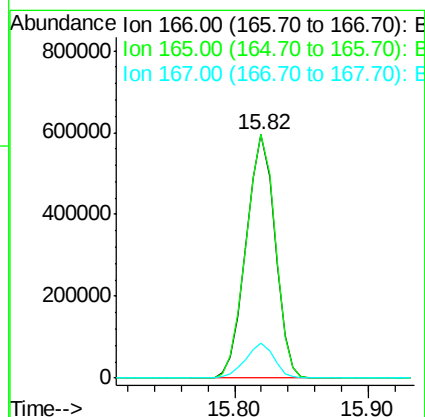
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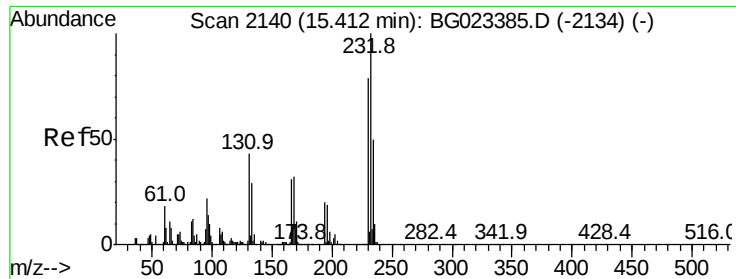
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#57
Fluorene
Concen: 45.58 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	889128		
165	100.0	81.0	121.6	
167	14.2	12.0	18.0	





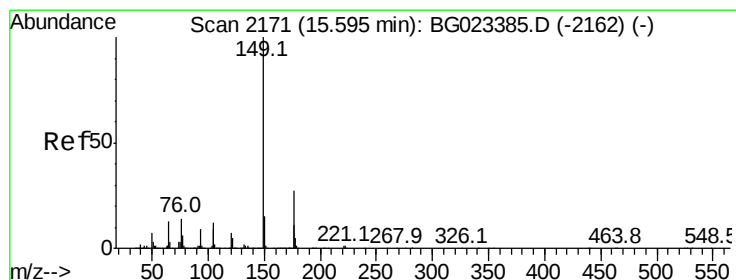
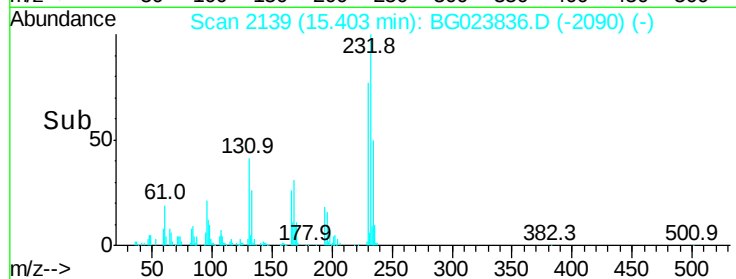
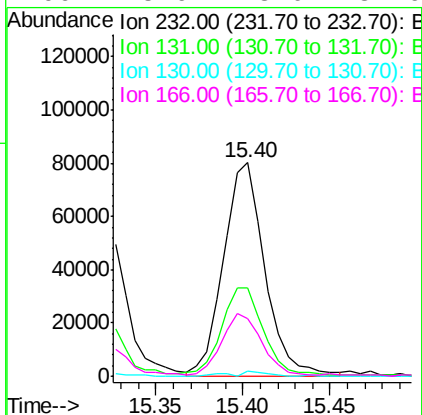
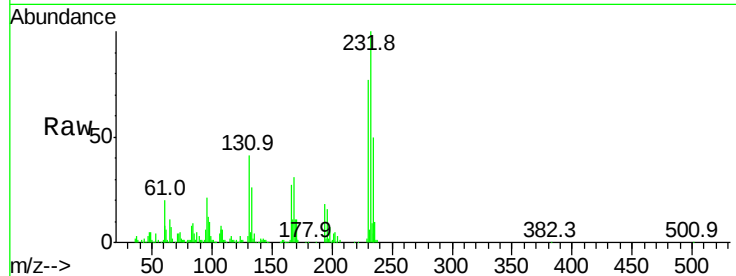
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.06 ng/ml
 RT: 15.40 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG023836.D
 Acq: 22 Aug 2016 16:52

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	132940		
131	35.6	32.7	49.1	
130	3.1	2.6	3.8	
166	23.6	23.0	34.6	

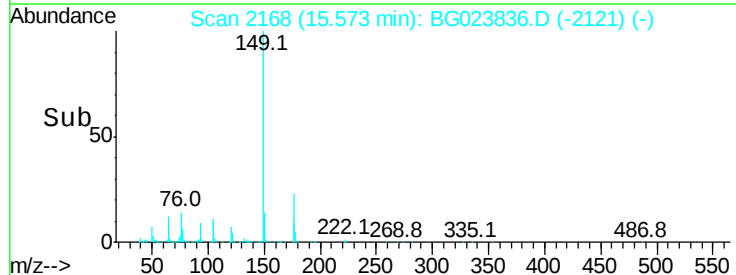
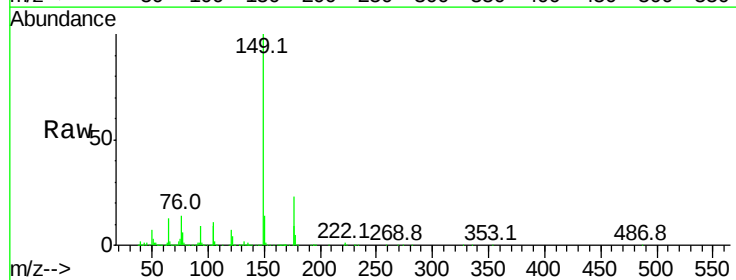
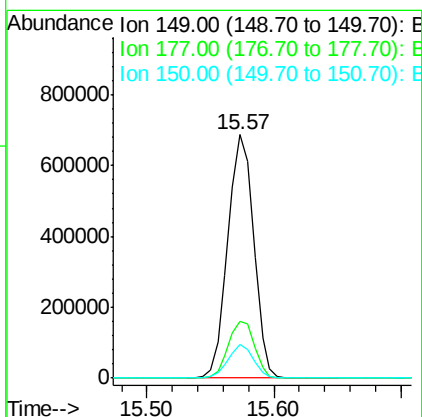
Manual Integrations
 APPROVED

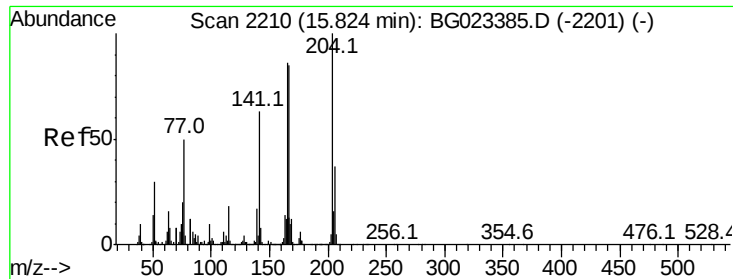
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#59
 Diethylphthalate
 Concen: 47.79 ng/ml
 RT: 15.57 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG023836.D
 Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	967553		
177	23.4	19.2	28.8	
150	13.9	10.6	16.0	





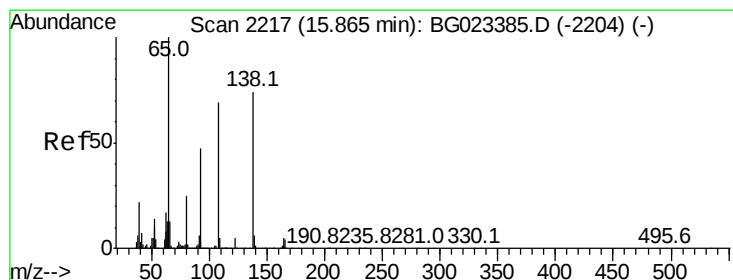
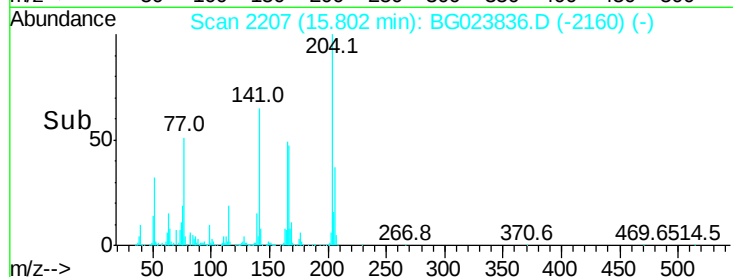
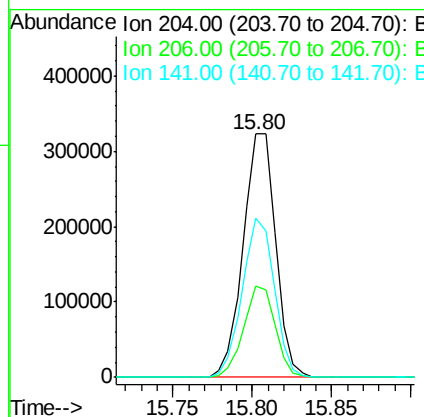
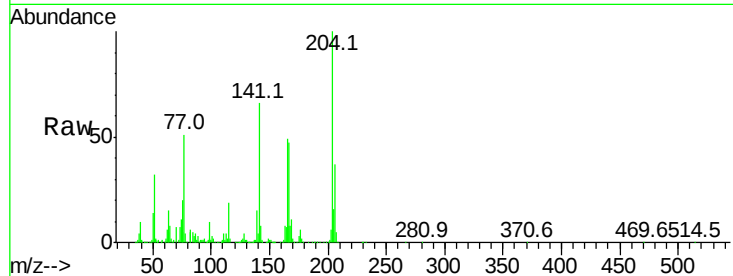
#60
 4-Chlorophenyl-phenylether
 Concen: 44.64 ng
 RT: 15.80 min Scan# 2207
 Delta R.T. -0.02 min
 Lab File: BG023836.D
 Acq: 22 Aug 2016 16:52

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	37.4	28.5	42.7	
141	65.6	51.4	77.0	

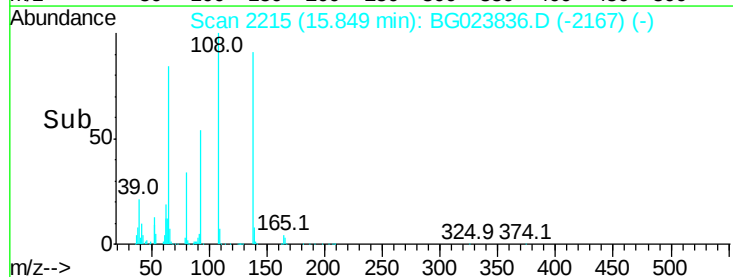
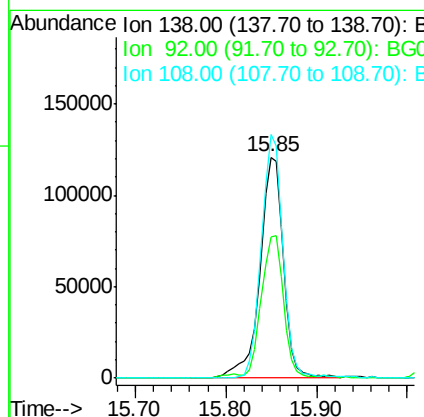
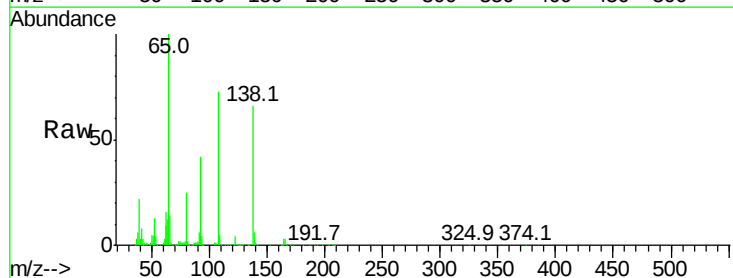
Manual Integrations
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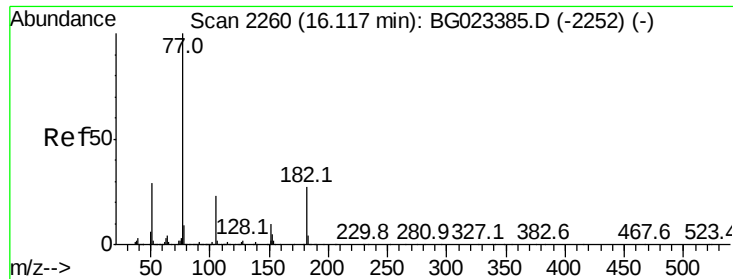
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#61
 4-Nitroaniline
 Concen: 38.65 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BG023836.D
 Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	64.1	54.1	94.1	
108	110.1	133.9	173.9	





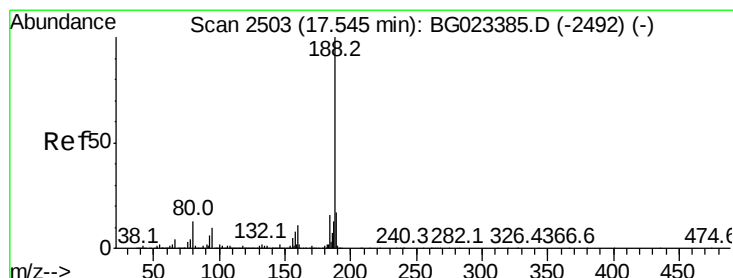
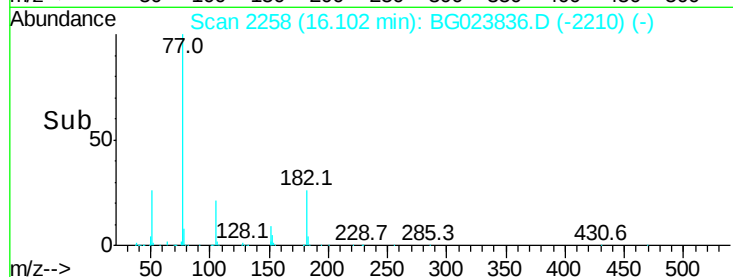
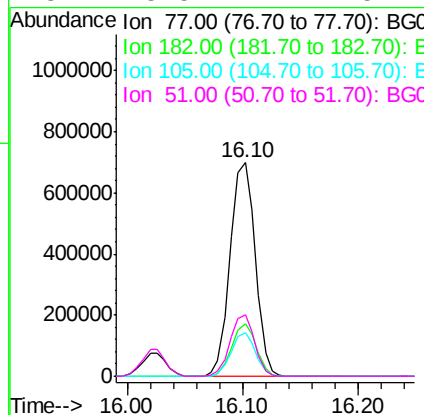
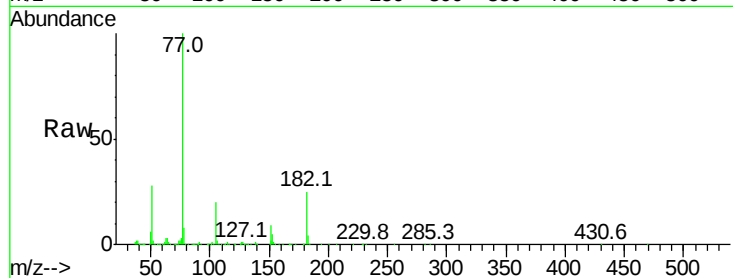
#62
Azobenzene
Concen: 51.28 ng
RT: 16.10 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion: 77 Resp: 1052420
Ion Ratio Lower Upper
77 100
182 24.7 3.5 43.5
105 20.2 0.0 38.5
51 28.5 17.1 57.1

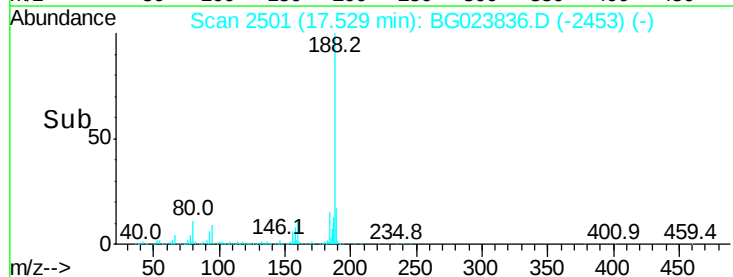
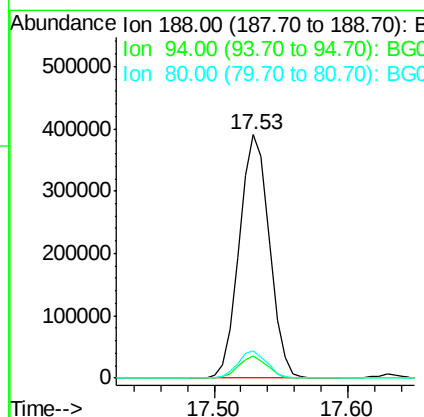
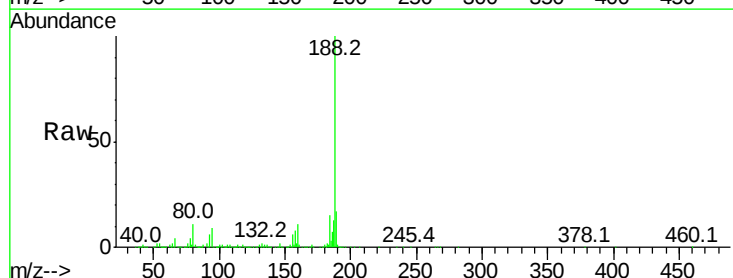
Manual Integrations
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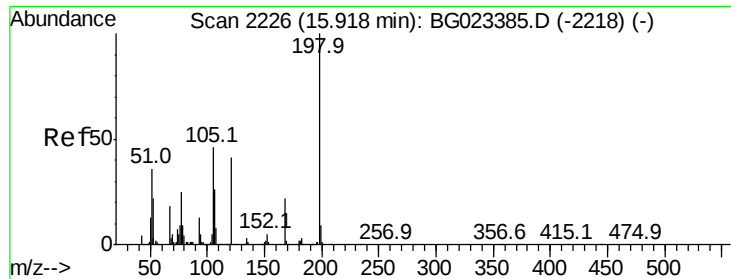
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion: 188 Resp: 606925
Ion Ratio Lower Upper
188 100
94 9.2 5.2 7.8#
80 11.1 7.2 10.8#





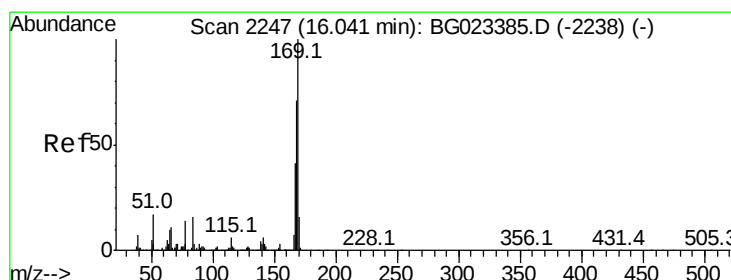
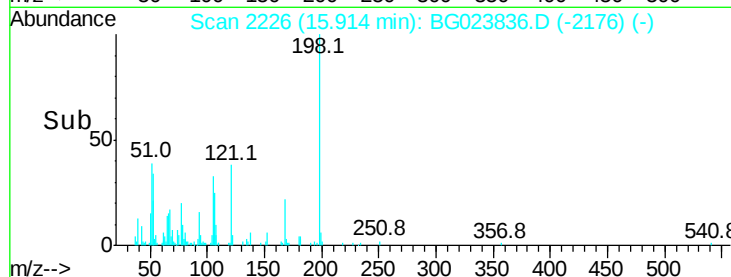
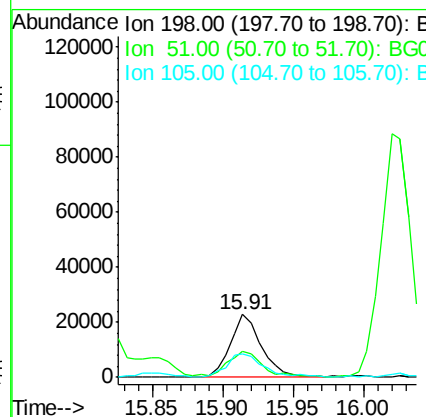
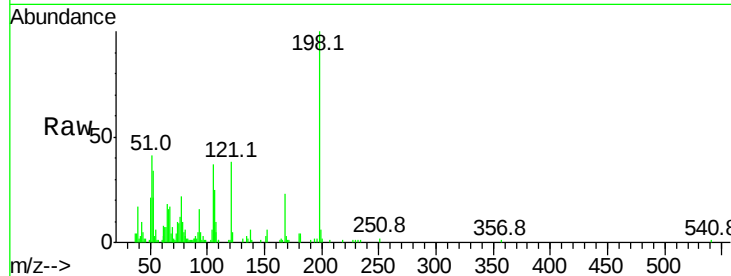
#64
4,6-Dinitro-2-methylphenol
Concen: 8.61 ng
RT: 15.91 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.3	26.0	66.0
105	37.1	20.1	60.1

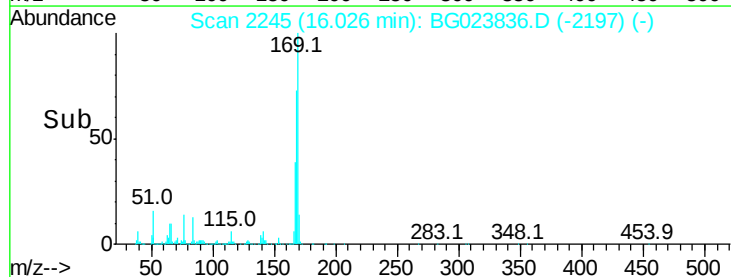
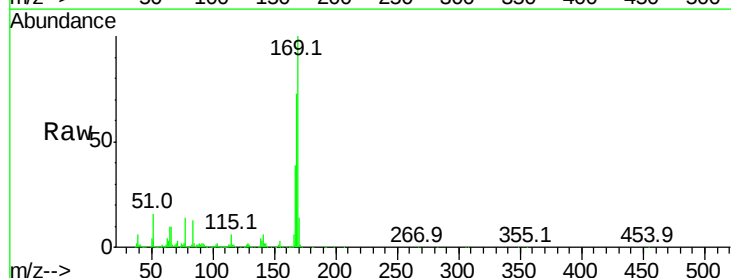
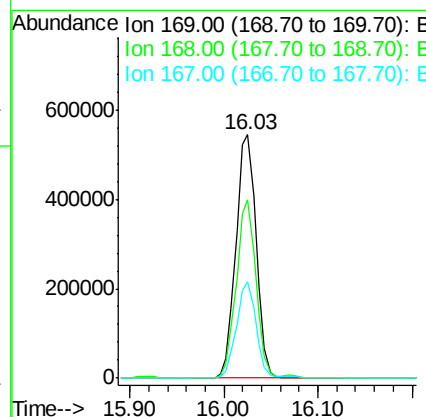
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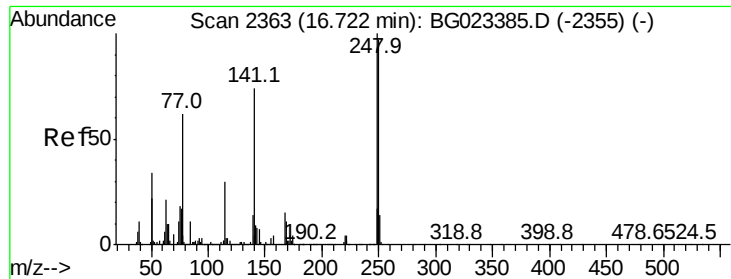
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#65
n-Nitrosodiphenylamine
Concen: 45.90 ng
RT: 16.03 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.1	55.0	82.4
167	39.5	27.4	41.0





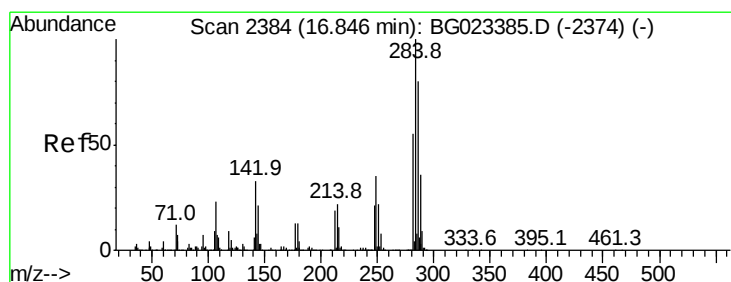
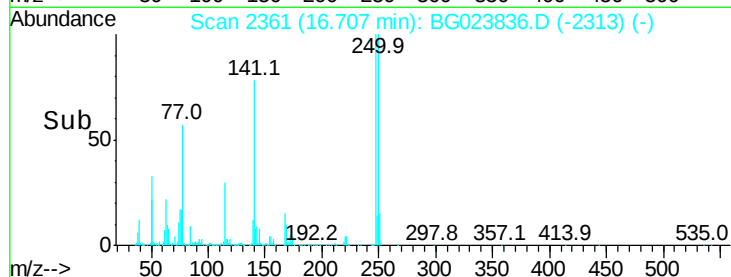
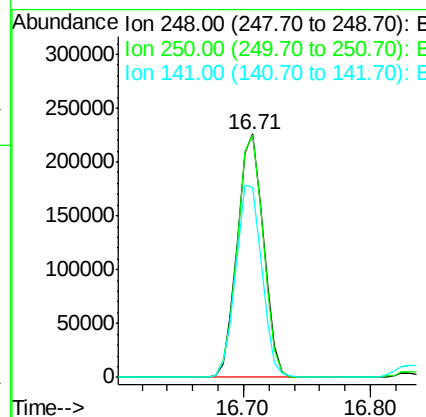
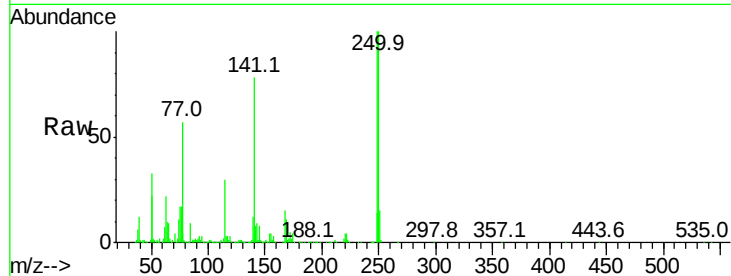
#66
4-Bromophenyl-phenylether
Concen: 45.28 ng
RT: 16.71 min Scan# 2361
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.8	116.8
141	78.0	65.7	98.5

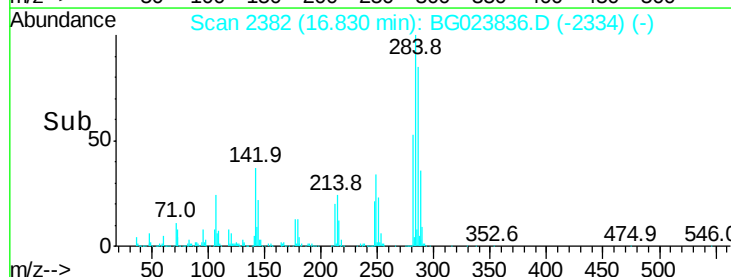
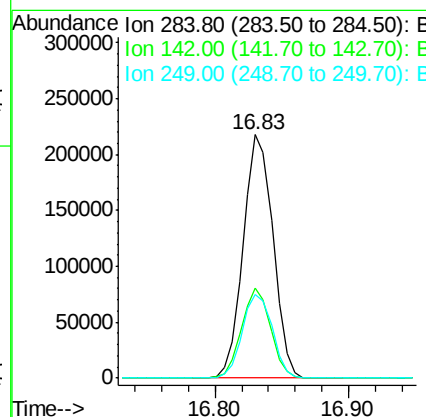
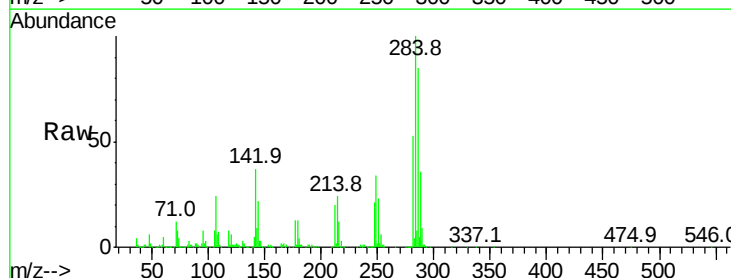
Manual Integrations
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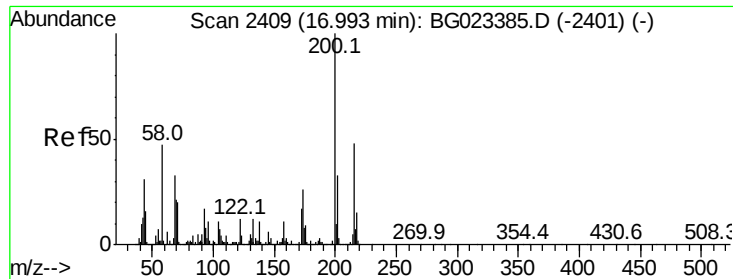
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#67
Hexachlorobenzene
Concen: 43.26 ng
RT: 16.83 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	26.8	40.2
249	34.5	28.9	43.3





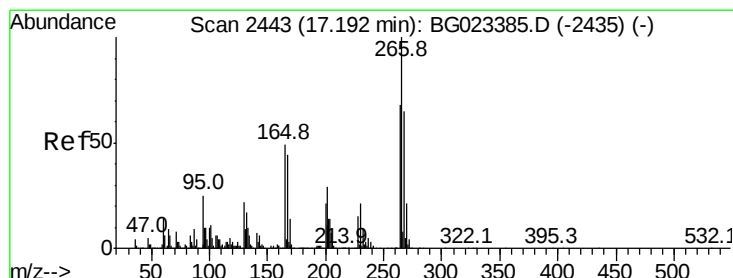
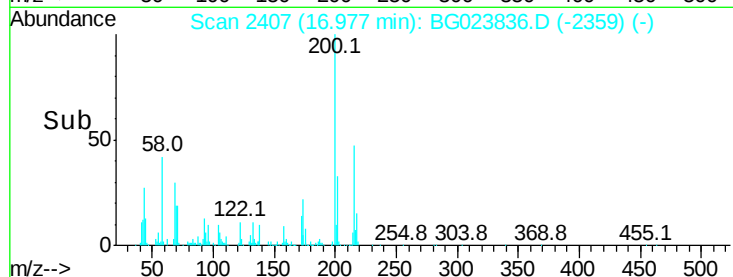
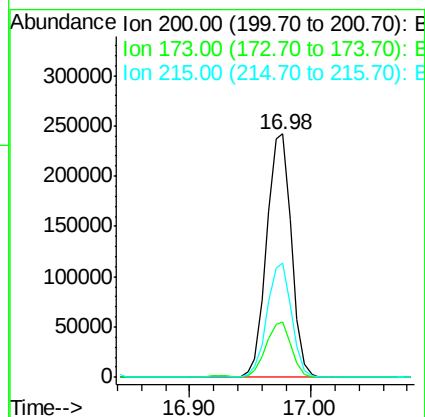
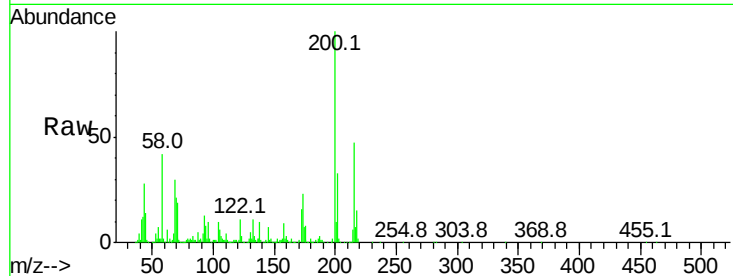
#68
Atrazine
Concen: 50.60 ng
RT: 16.98 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.0	1.6	41.6	
215	47.0	28.7	68.7	

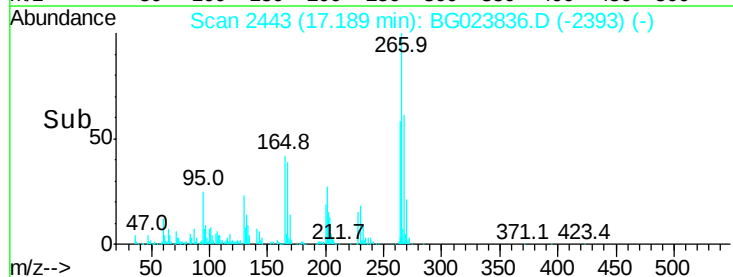
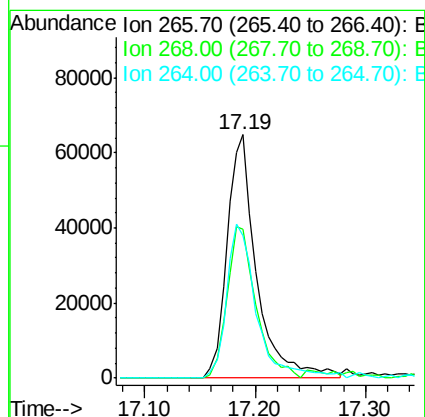
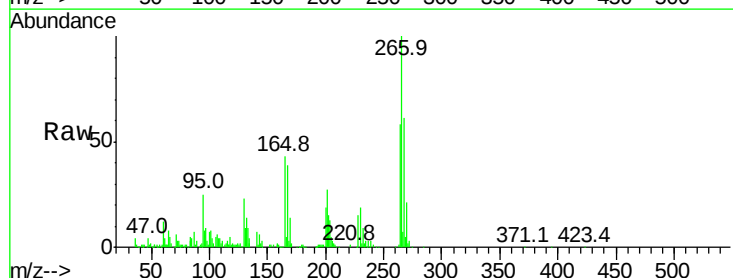
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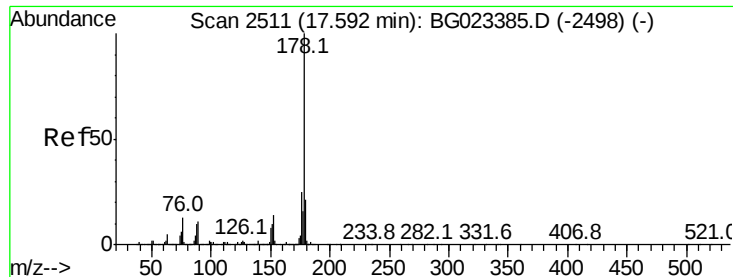
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#69
Pentachlorophenol
Concen: 26.92 ng
RT: 17.19 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.2	51.9	77.9	
264	58.4	50.6	75.8	





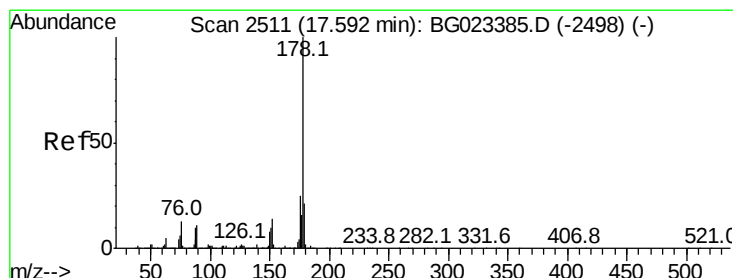
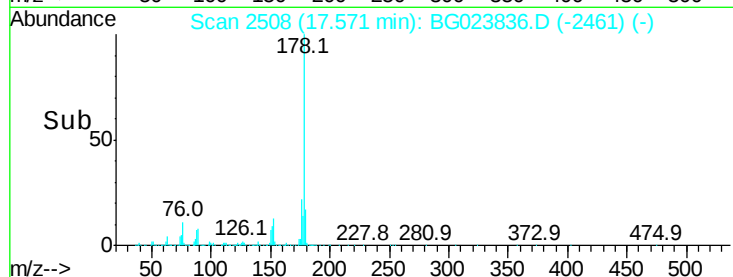
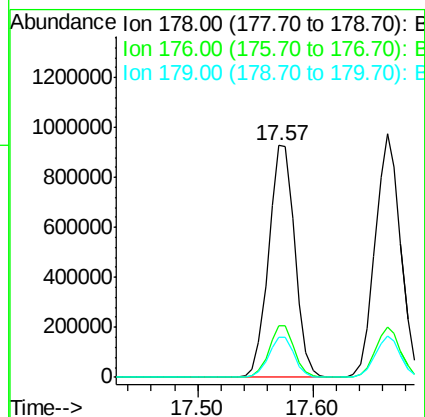
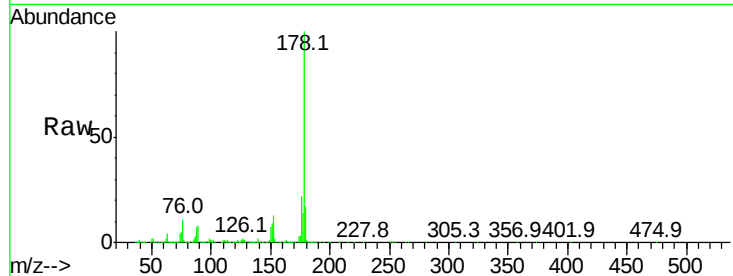
#70
Phenanthrene
Concen: 47.65 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.3	16.8	25.2
179	17.3	14.3	21.5

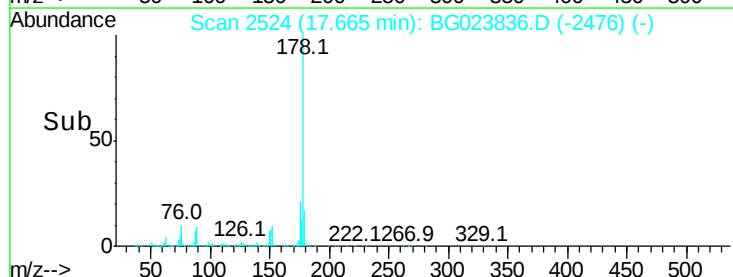
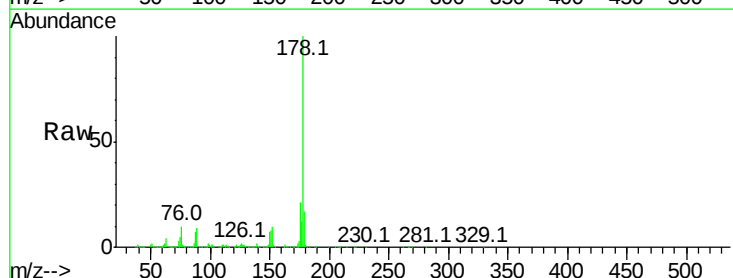
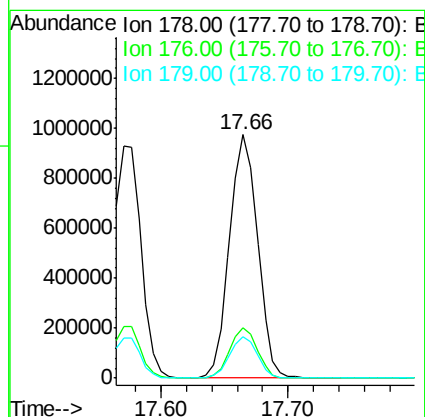
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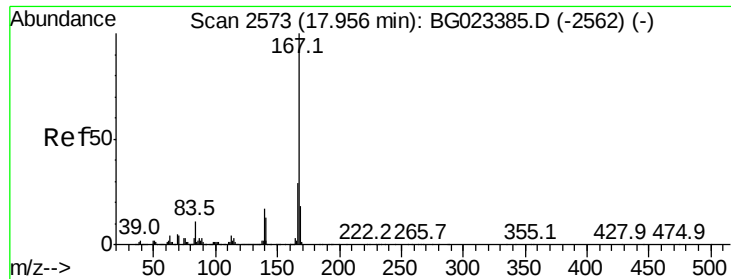
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#71
Anthracene
Concen: 48.21 ng
RT: 17.66 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.3	25.9
179	17.1	14.0	21.0





#72

Carbazole

Concen: 51.60 ng

RT: 17.94 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

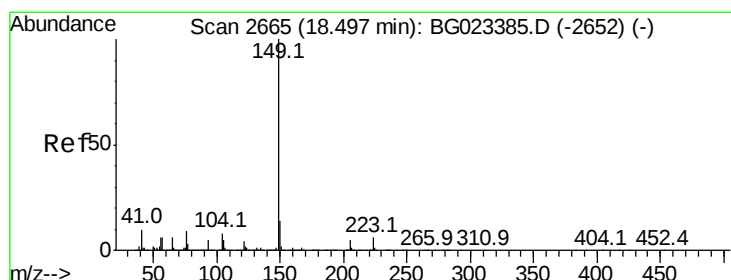
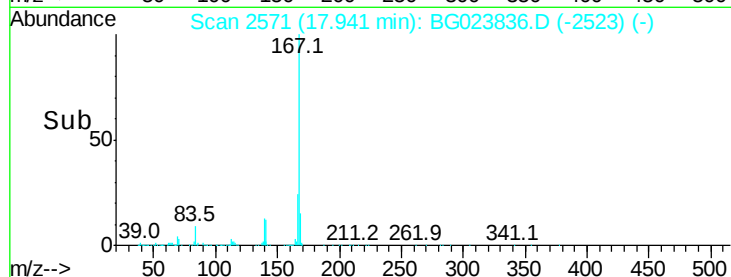
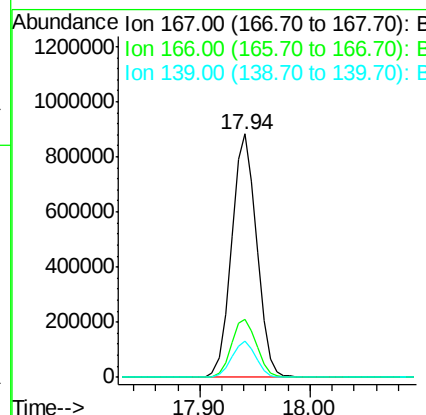
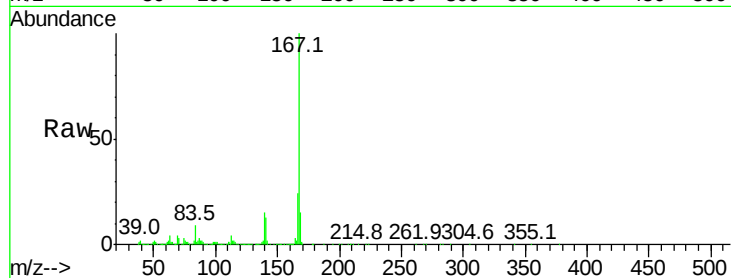
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	20.7	31.1
139	14.8	11.9	17.9

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#73

Di-n-butylphthalate

Concen: 62.67 ng

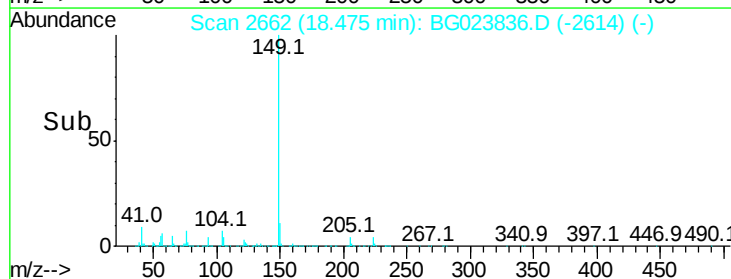
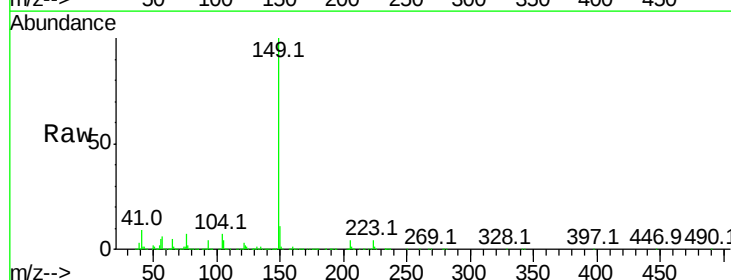
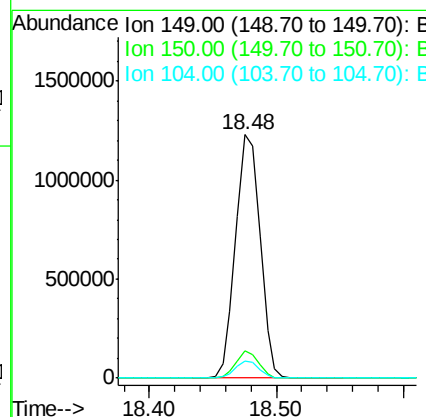
RT: 18.48 min Scan# 2662

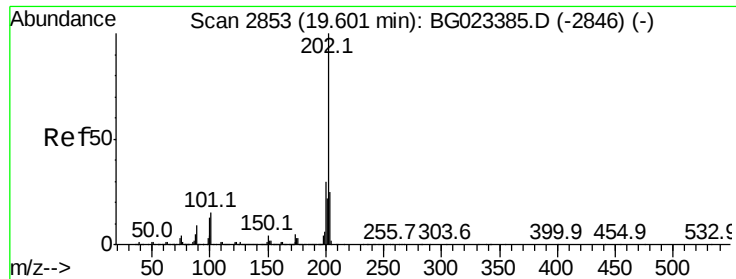
Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.1	9.1	13.7
104	7.1	6.9	10.3





#74

Fluoranthene

Concen: 65.81 ng

RT: 19.59 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

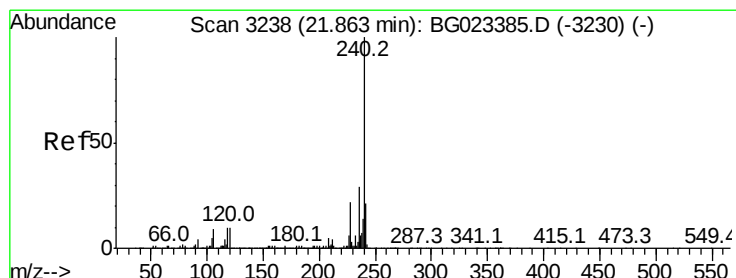
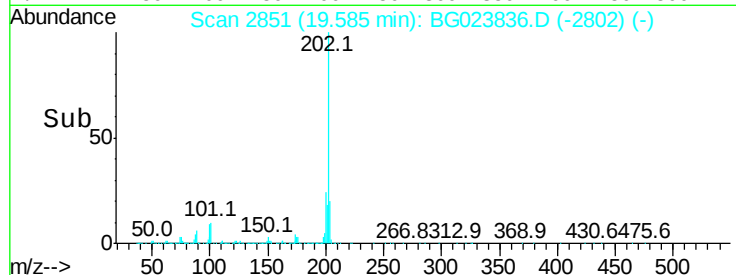
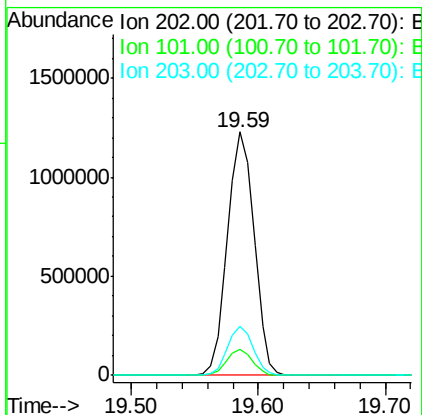
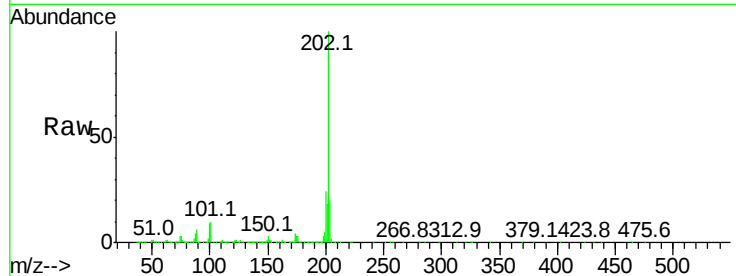
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion:	202	Resp:	1791013
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	27.4
203	20.4	1.7	41.7

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#75

Chrysene-d12

Concen: 20.00 ng

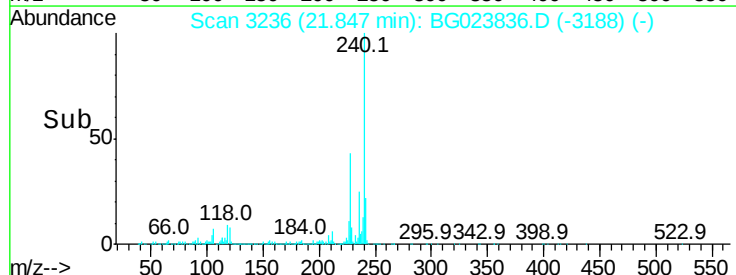
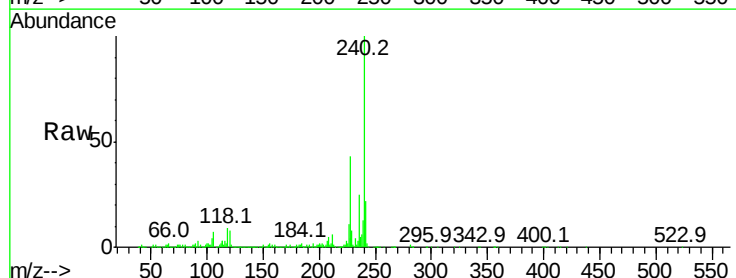
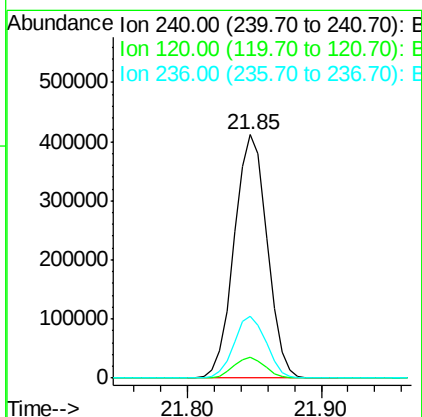
RT: 21.85 min Scan# 3236

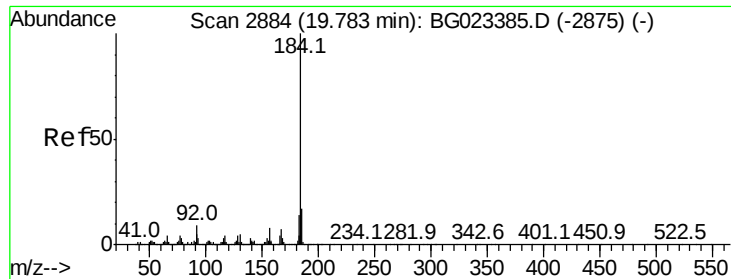
Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion:	240	Resp:	700394
Ion Ratio	Lower	Upper	
240	100		
120	8.5	4.1	6.1#
236	25.4	21.1	31.7





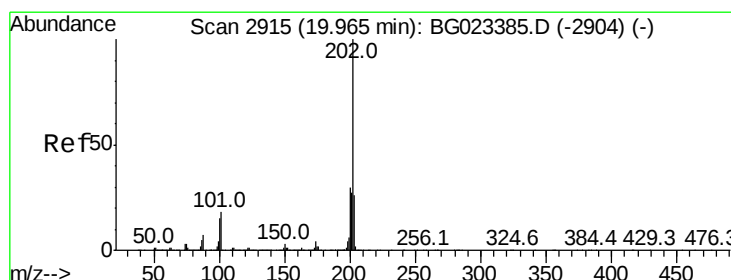
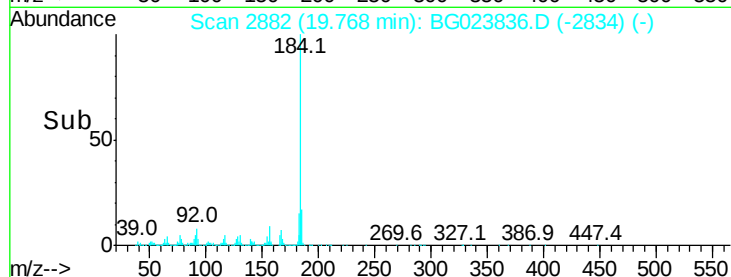
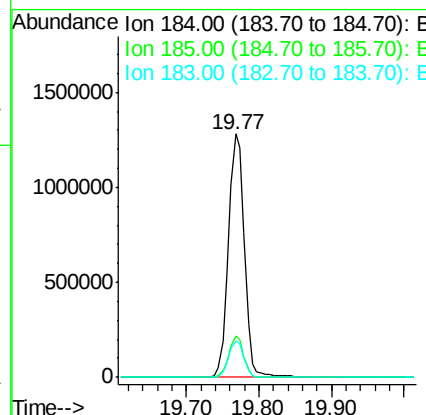
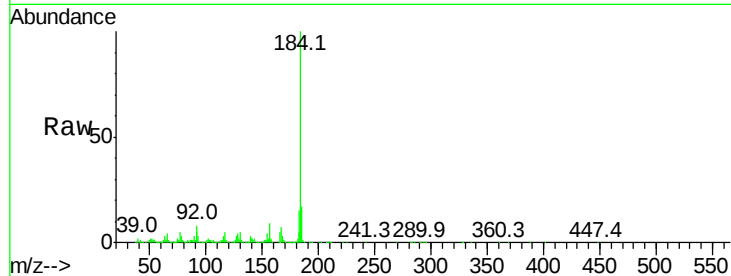
#76
Benzidine
Concen: 101.13 ng
RT: 19.77 min Scan# 2882
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.6	19.0
183	15.1	10.7	16.1

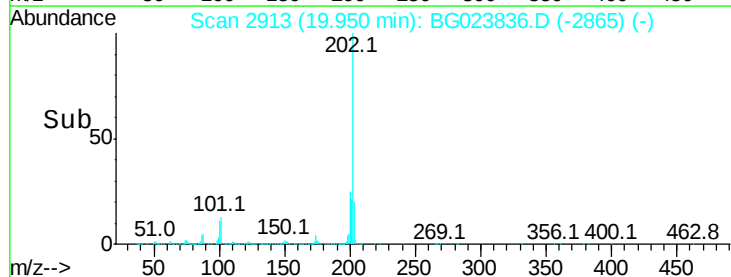
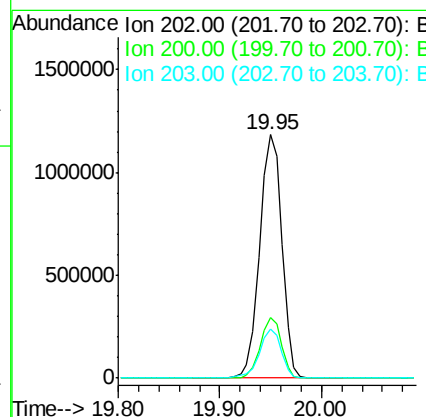
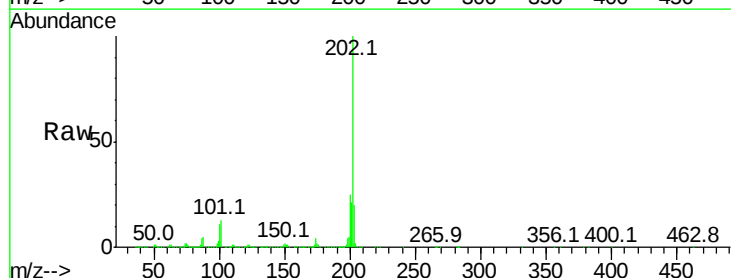
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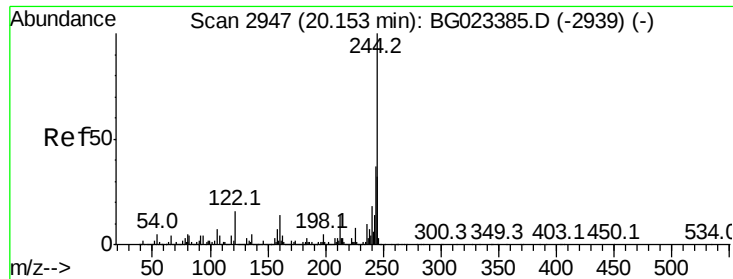
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#77
Pyrene
Concen: 45.74 ng
RT: 19.95 min Scan# 2913
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.8	21.2	31.8
203	20.3	16.8	25.2





#78

Terphenyl-d14

Concen: 105.24 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Instrument :

BNA_G

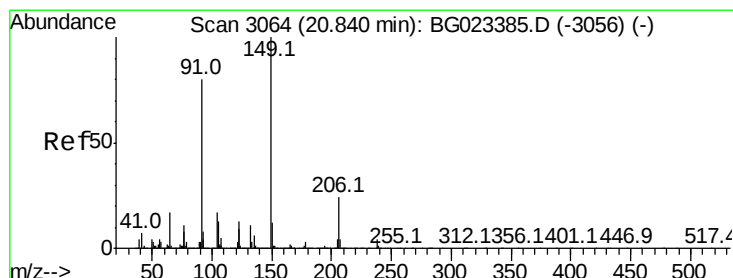
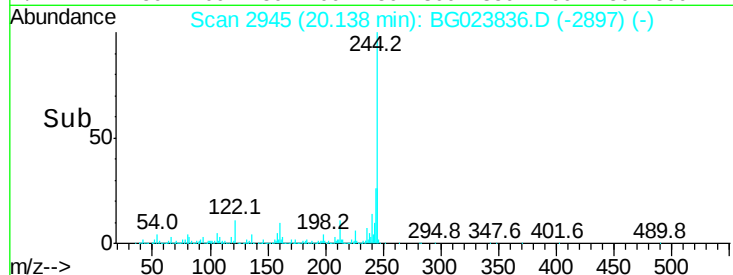
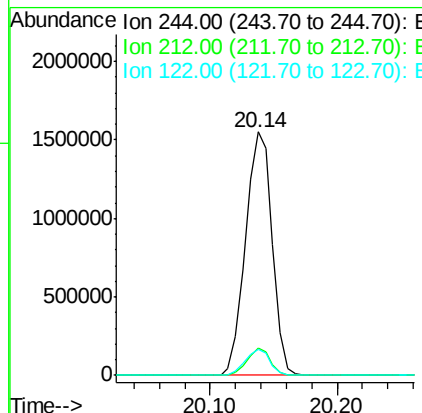
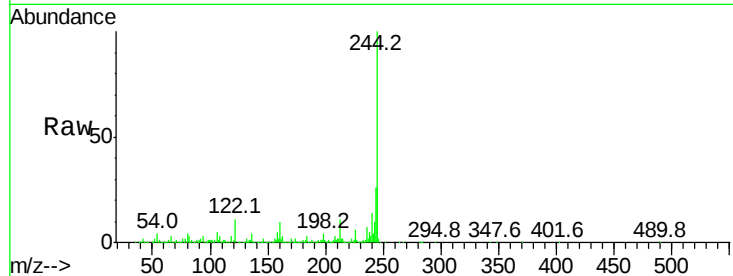
ClientSampleId :

HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.8	16.2
122	10.8	8.0	12.0

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#79

Butylbenzylphthalate

Concen: 49.42 ng

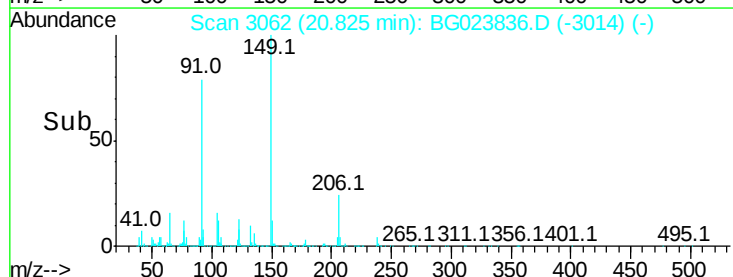
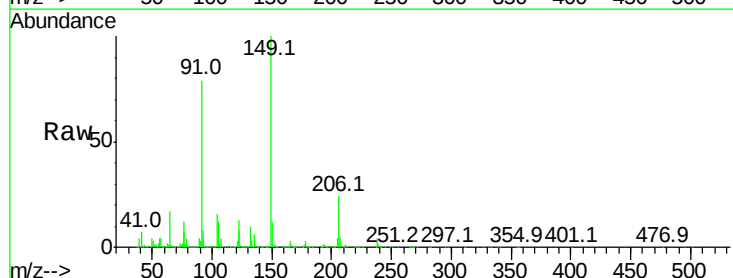
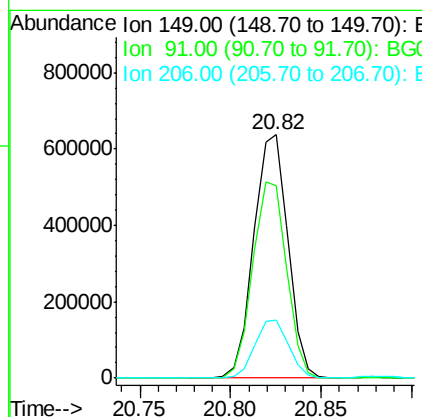
RT: 20.82 min Scan# 3062

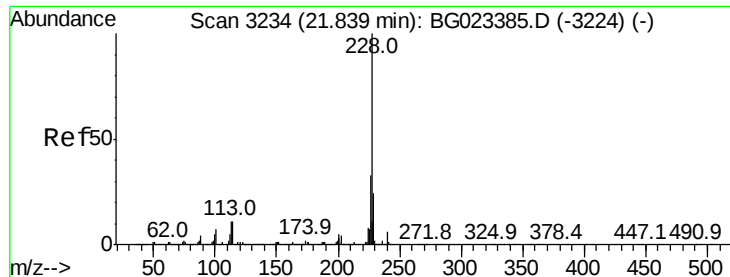
Delta R.T. -0.02 min

Lab File: BG023836.D

Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.9	68.1	102.1
206	23.9	19.8	29.6





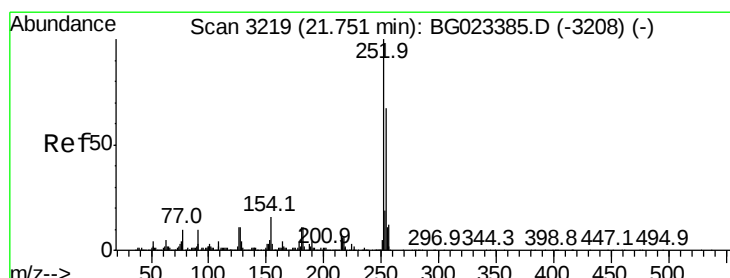
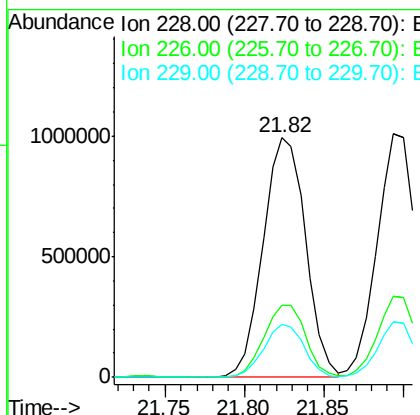
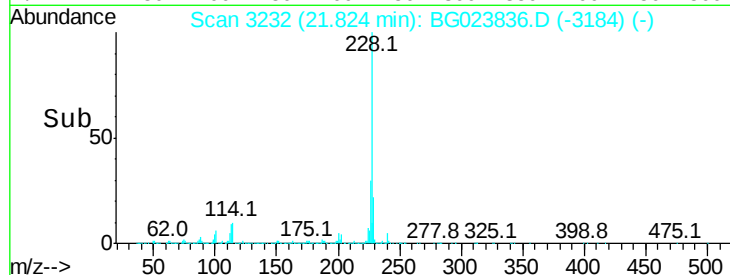
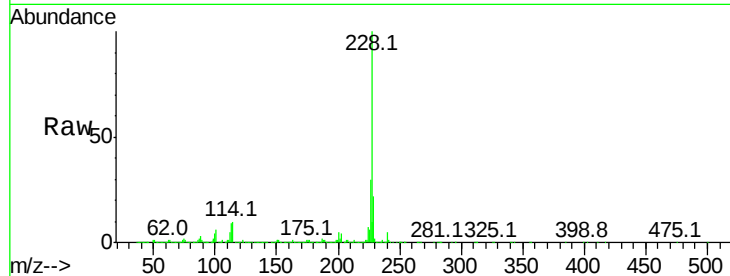
#80
Benzo(a)anthracene
Concen: 47.84 ng
RT: 21.82 min Scan# 3232
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.3	37.9
229	22.2	19.9	29.9

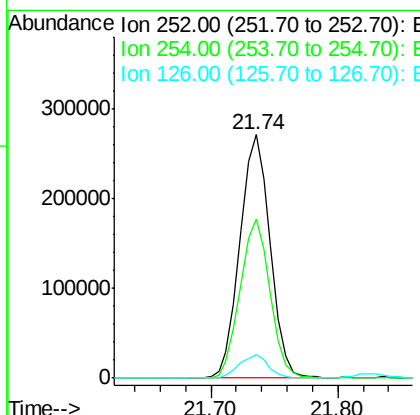
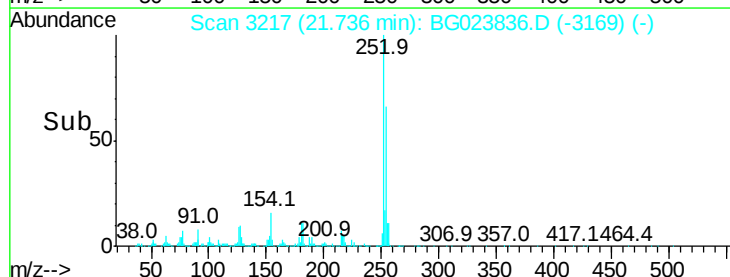
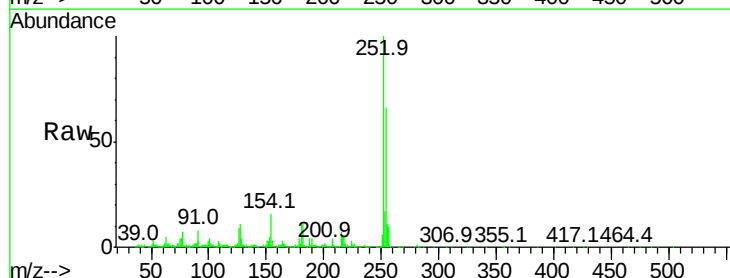
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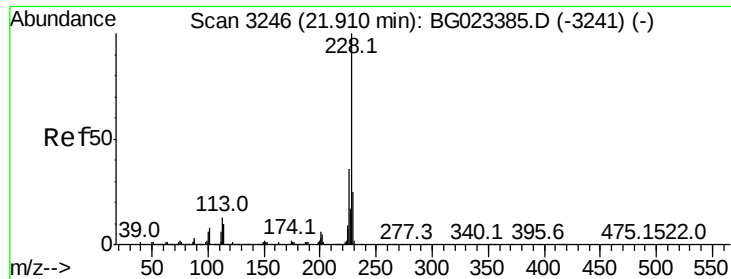
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#81
3,3'-Dichlorobenzidine
Concen: 28.36 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.2	76.8
126	9.5	5.3	7.9





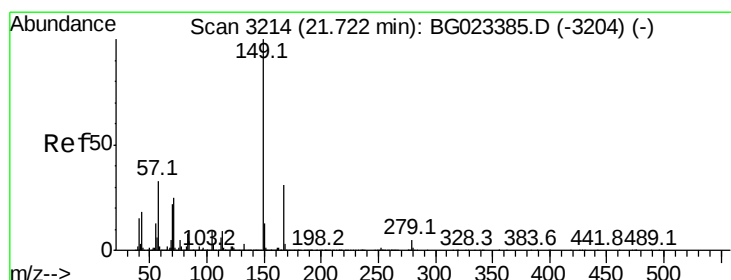
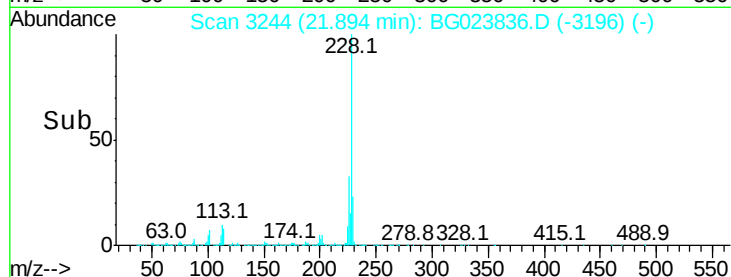
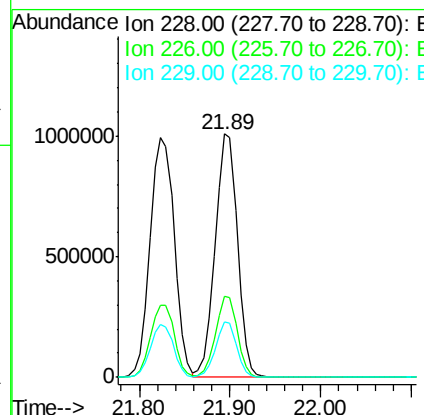
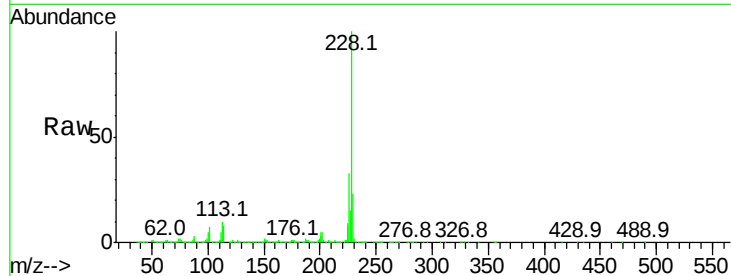
#82
 Chrysene
 Concen: 46.78 ng
 RT: 21.89 min Scan# 3244
 Delta R.T. -0.02 min
 Lab File: BG023836.D
 Acq: 22 Aug 2016 16:52

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.7	40.1
229	22.7	17.4	26.2

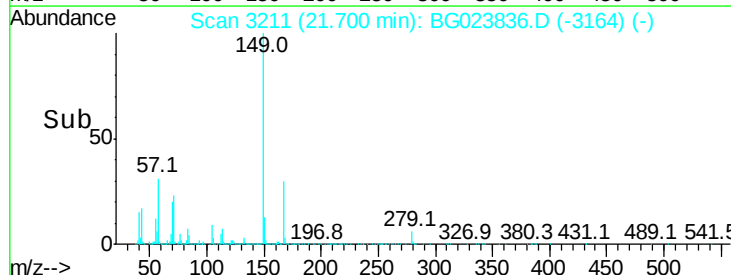
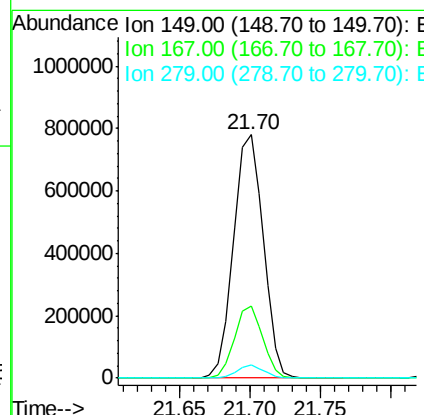
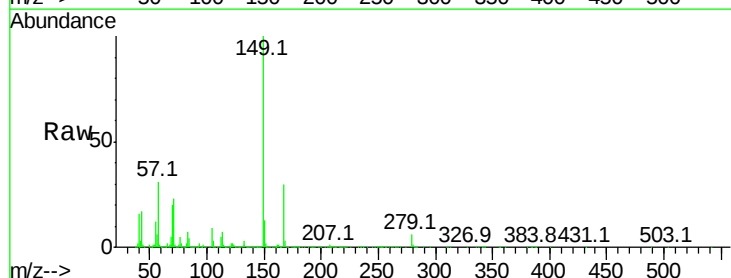
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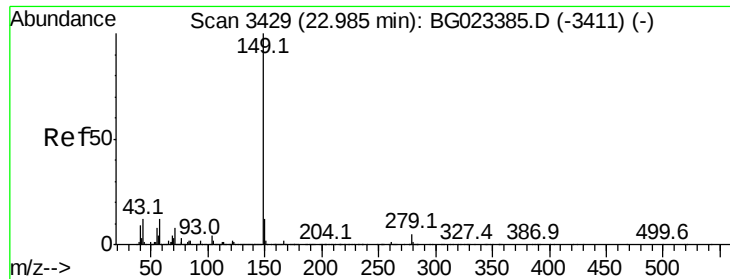
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.57 ng
 RT: 21.70 min Scan# 3211
 Delta R.T. -0.02 min
 Lab File: BG023836.D
 Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.0	36.0
279	5.6	4.8	7.2





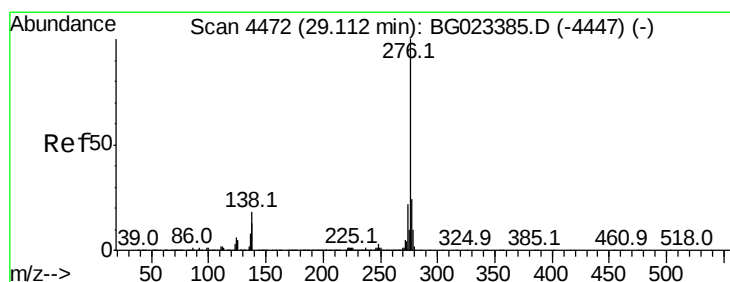
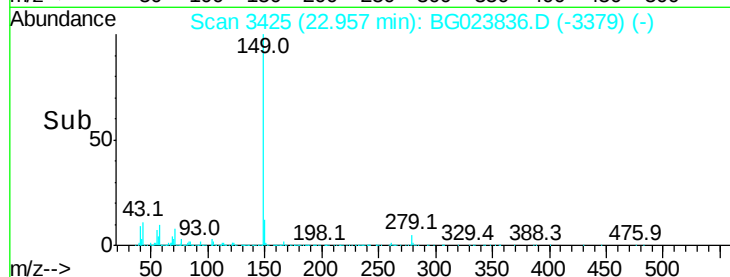
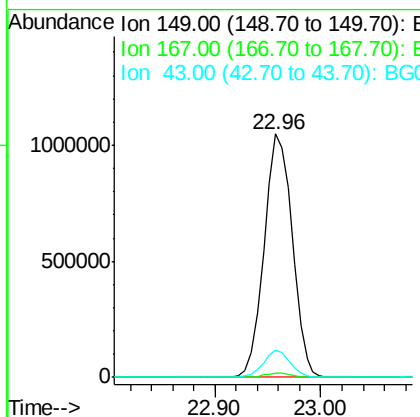
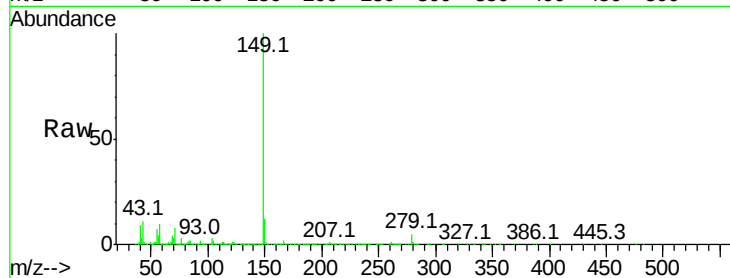
#84
Di-n-octyl phthalate
Concen: 49.05 ng
RT: 22.96 min Scan# 3425
Delta R.T. -0.03 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	10.5	8.8	13.2

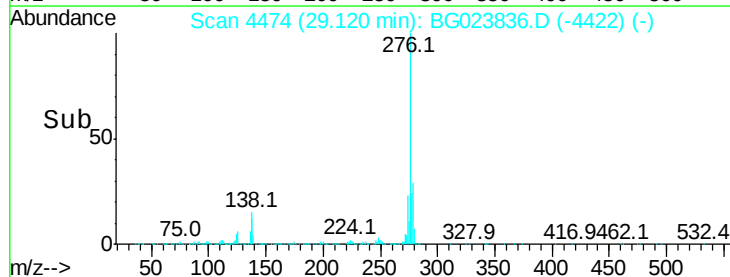
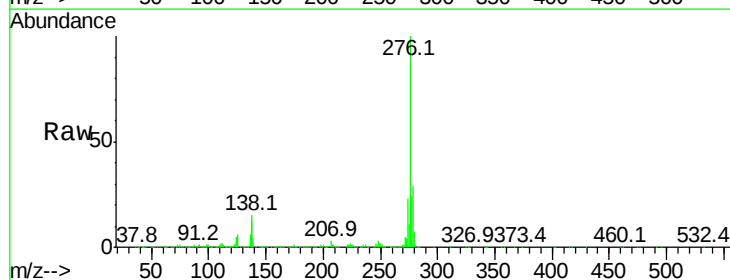
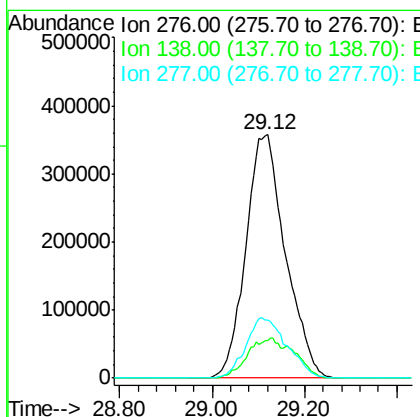
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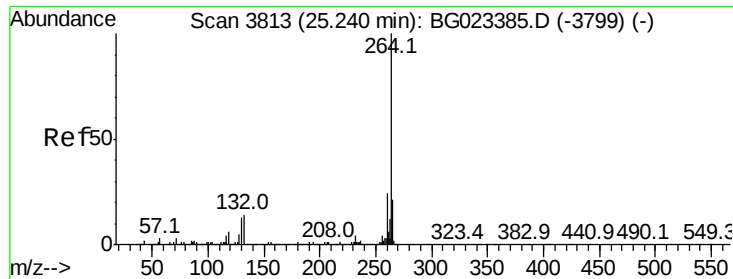
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#85
Indeno(1,2,3-cd)pyrene
Concen: 46.30 ng
RT: 29.12 min Scan# 4474
Delta R.T. 0.01 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	0.0	0.0#
277	0.0	0.0	0.0





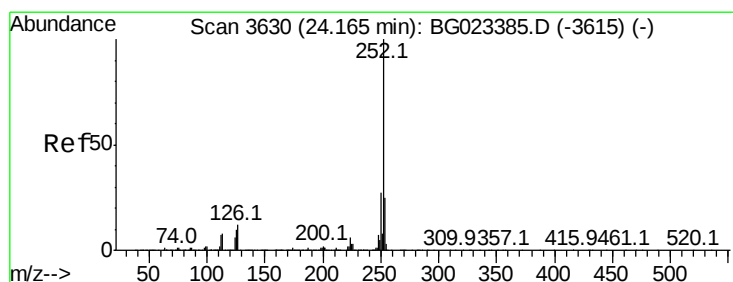
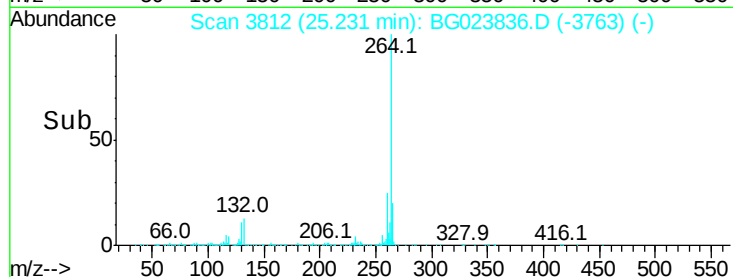
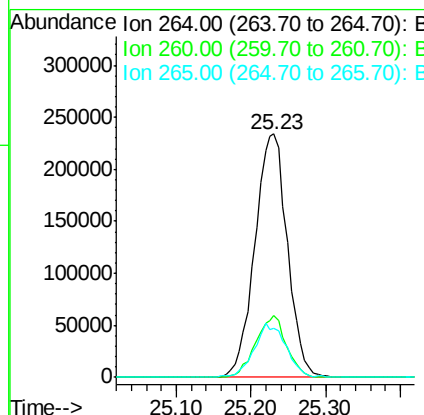
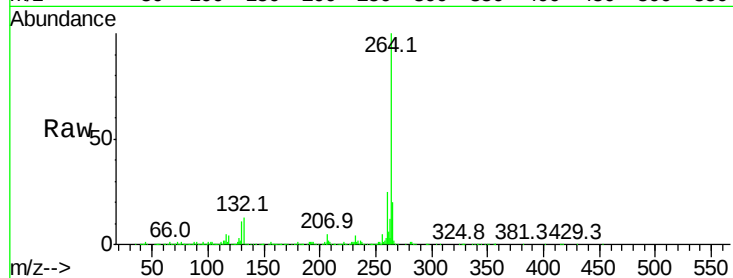
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.4	27.6
265	20.3	18.9	28.3

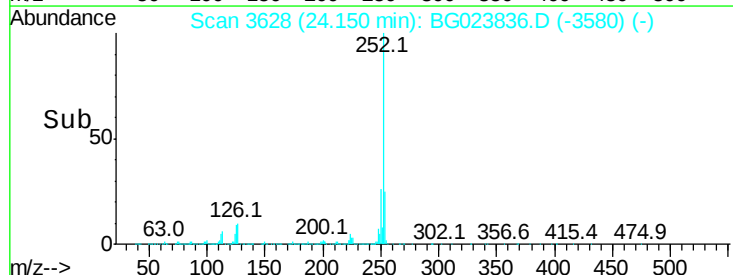
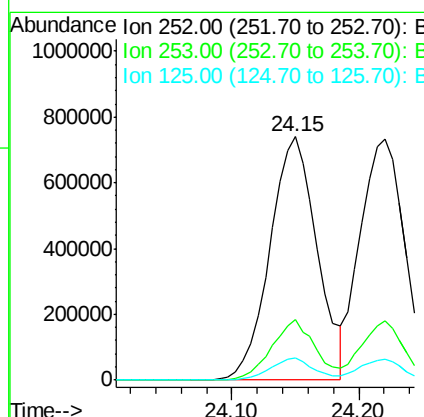
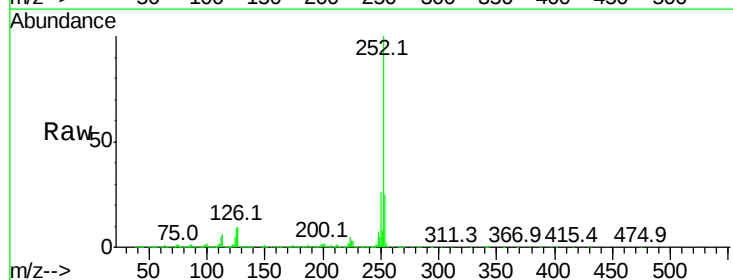
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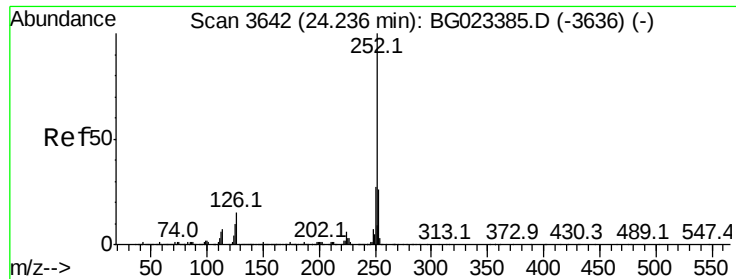
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#87
Benzo(b)fluoranthene
Concen: 48.27 ng
RT: 24.15 min Scan# 3628
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	8.9	3.9	5.9





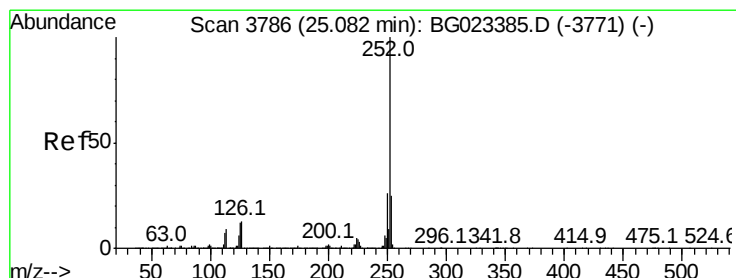
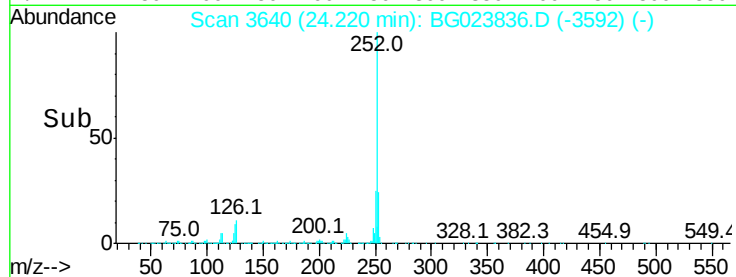
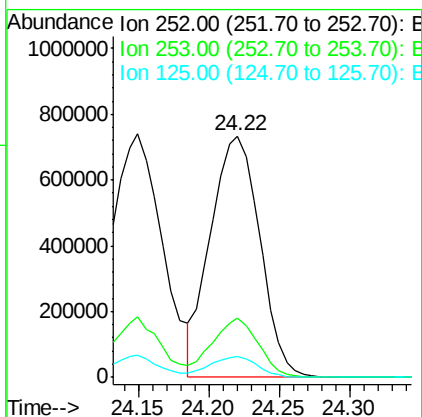
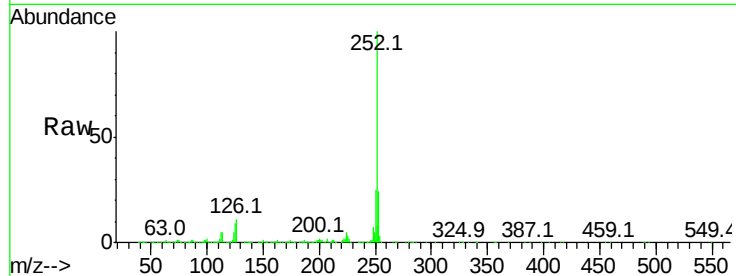
#88
Benzo(k)fluoranthene
Concen: 46.60 ng
RT: 24.22 min Scan# 3640
Delta R.T. -0.02 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.8	28.2
125	8.6	3.2	4.8#

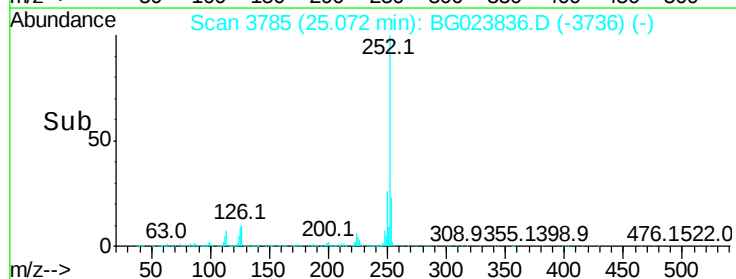
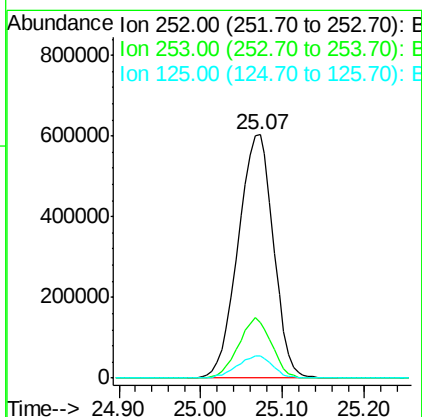
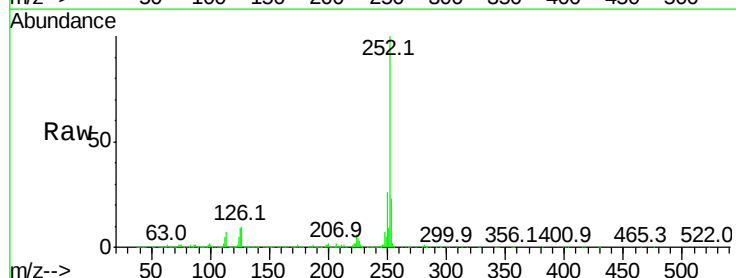
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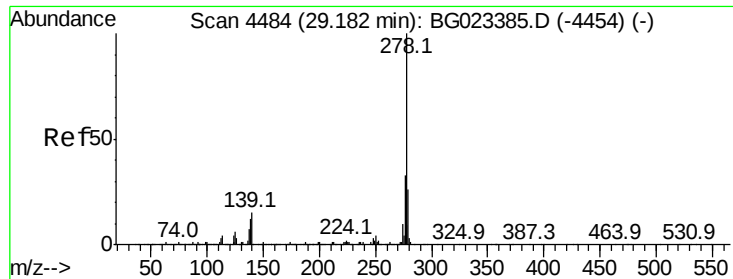
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#89
Benzo(a)pyrene
Concen: 48.09 ng
RT: 25.07 min Scan# 3785
Delta R.T. -0.01 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	8.9	3.9	5.9#





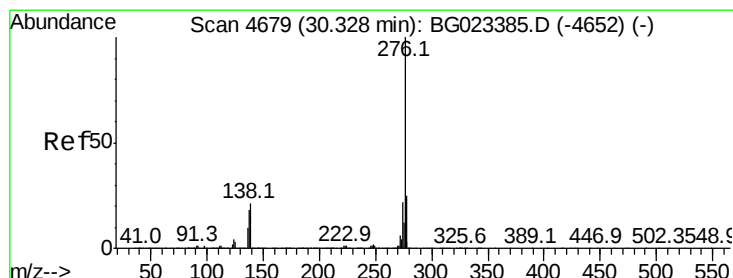
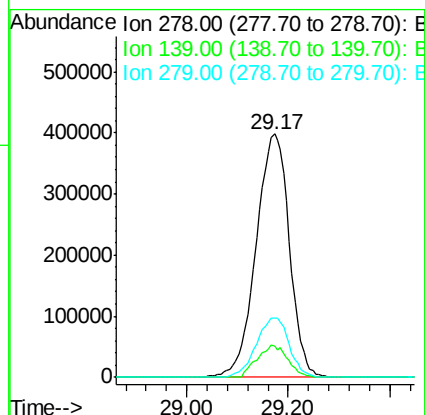
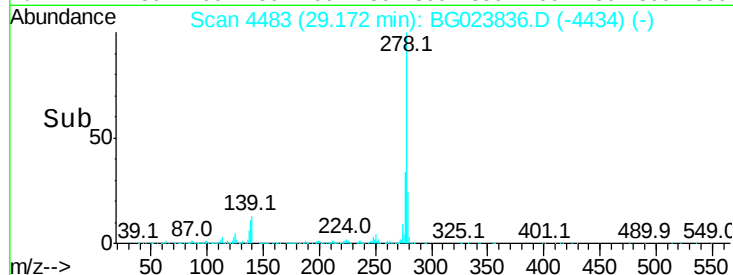
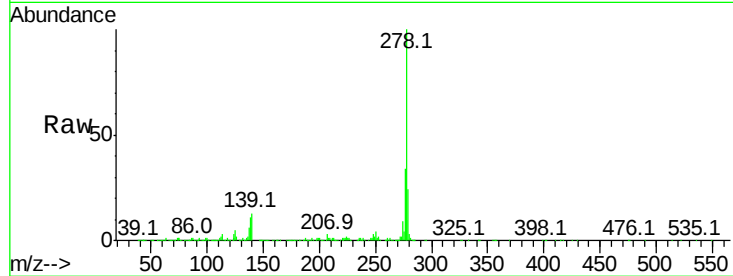
#90
Dibenzo(a,h)anthracene
Concen: 47.24 ng
RT: 29.17 min Scan# 4483
Delta R.T. -0.01 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Tot Ion:278 Resp: 1818302
Ion Ratio Lower Upper
278 100
139 13.1 4.7 7.1#
279 24.1 18.3 27.5

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 45.65 ng
RT: 30.32 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BG023836.D
Acq: 22 Aug 2016 16:52

Tgt Ion:276 Resp: 1769504
Ion Ratio Lower Upper
276 100
277 23.8 18.6 27.8
138 15.3 6.8 10.2#

