

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024544.D
 Acq On : 28 Oct 2016 18:21
 Operator : UM/SJ
 Sample : H5420-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Manual Integrations
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Quant Time: Oct 29 00:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	109019	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	423930	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	322353	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	718877	20.00	ng	0.00
75) Chrysene-d12	21.93	240	969244	20.00	ng	0.00
86) Perylene-d12	25.36	264	988642	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	890848	133.93	ng	0.00
7) Phenol-d6	7.41	99	1195469	131.02	ng	0.00
23) Nitrobenzene-d5	9.45	82	943446	101.33	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	761062	158.03	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1831618	94.44	ng	0.00
78) Terphenyl-d14	20.21	244	3197274	98.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.68	88	107137	39.43	ng	# 84
3) Pyridine	4.09	79	266546	32.76	ng	89
4) n-Nitrosodimethylamine	4.00	42	189758	45.05	ng	96
6) Aniline	7.60	93	288171	24.93	ng	97
8) 2-Chlorophenol	7.83	128	331415	49.01	ng	95
9) Benzaldehyde	7.41	77	73380	13.01	ng	96
10) Phenol	7.44	94	427517	45.45	ng	97
11) bis(2-Chloroethyl)ether	7.68	93	338381	47.89	ng	87
12) 1,3-Dichlorobenzene	8.16	146	368816	44.05	ng	96
13) 1,4-Dichlorobenzene	8.31	146	367536	44.45	ng	98
14) 1,2-Dichlorobenzene	8.63	146	353034	44.40	ng	95
15) Benzyl Alcohol	8.50	79	394035	46.42	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	591461	45.12	ng	95
17) 2-Methylphenol	8.70	107	303342	48.67	ng	96
18) Hexachloroethane	9.36	117	141101	44.39	ng	93
19) n-Nitroso-di-n-propylamine	9.07	70	331887	49.36	ng	89
20) 3+4-Methylphenols	9.03	107	418646	50.03	ng	95
22) Acetophenone	9.10	105	534189	49.06	ng	# 96
24) Nitrobenzene	9.49	77	494176	47.71	ng	95
25) Isophorone	10.01	82	887747	51.26	ng	98
26) 2-Nitrophenol	10.20	139	190869	49.64	ng	95
27) 2,4-Dimethylphenol	10.24	122	355540	52.82	ng	94
28) bis(2-Chloroethoxy)methane	10.48	93	484509	54.07	ng	97
29) 2,4-Dichlorophenol	10.74	162	373488	52.87	ng	93
30) 1,2,4-Trichlorobenzene	10.95	180	396193	47.28	ng	97
31) Naphthalene	11.15	128	1024602	48.45	ng	99
32) Benzoic acid	10.35	122	225453	40.22	ng	94
33) 4-Chloroaniline	11.26	127	50370	5.49	ng	# 90
34) Hexachlorobutadiene	11.42	225	314607	47.97	ng	99
35) Caprolactam	12.02	113	107600m	41.60	ng	
36) 4-Chloro-3-methylphenol	12.35	107	442841	51.93	ng	99
37) 2-Methylnaphthalene	12.73	142	761578	49.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	508577	46.78	ng	99
40) Hexachlorocyclopentadiene	13.06	237	704898	115.13	ng	97

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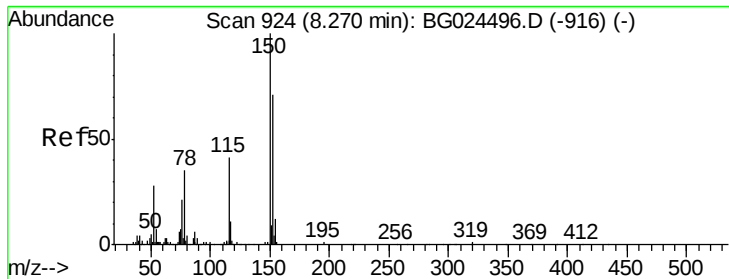
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	341014	52.18	ng	98
43) 2,4,5-Trichlorophenol	13.40	196	356263	50.42	ng	94
45) 1,1'-Biphenyl	13.73	154	1061906	47.47	ng	96
46) 2-Chloronaphthalene	13.77	162	842218	49.44	ng	99
47) 2-Nitroaniline	13.97	65	353798	50.73	ng	99
48) Acenaphthylene	14.62	152	1260354	48.25	ng	96
49) Dimethylphthalate	14.33	163	1141340	49.87	ng	98
50) 2,6-Dinitrotoluene	14.46	165	257365	52.68	ng	93
51) Acenaphthene	14.95	154	844056	43.35	ng	100
52) 3-Nitroaniline	14.80	138	71320	14.11	ng	# 90
53) 2,4-Dinitrophenol	14.99	184	362059	102.27	ng	96
54) Dibenzofuran	15.28	168	1345060	49.96	ng	99
55) 4-Nitrophenol	15.08	139	409495	92.97	ng	# 90
56) 2,4-Dinitrotoluene	15.24	165	371029	52.26	ng	# 98
57) Fluorene	15.93	166	1097328	49.15	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	383537	52.36	ng	95
59) Diethylphthalate	15.68	149	1183461	49.33	ng	99
60) 4-Chlorophenyl-phenylether	15.91	204	628607	50.18	ng	97
61) 4-Nitroaniline	15.95	138	215649	39.05	ng	97
62) Azobenzene	16.21	77	1220947	51.02	ng	97
64) 4,6-Dinitro-2-methylphenol	16.00	198	253239	51.13	ng	96
65) n-Nitrosodiphenylamine	16.13	169	938644	47.76	ng	98
66) 4-Bromophenyl-phenylether	16.81	248	448666	51.41	ng	97
67) Hexachlorobenzene	16.93	284	500076	51.86	ng	91
68) Atrazine	17.06	200	251277	29.81	ng	95
69) Pentachlorophenol	17.27	266	650146	102.18	ng	94
70) Phenanthrene	17.67	178	1838294	50.17	ng	97
71) Anthracene	17.76	178	1889847	51.12	ng	99
72) Carbazole	18.03	167	1535533	45.55	ng	98
73) Di-n-butylphthalate	18.56	149	1940632	49.92	ng	98
74) Fluoranthene	19.67	202	2331293	50.33	ng	97
77) Pyrene	20.03	202	2359522	49.80	ng	97
79) Butylbenzylphthalate	20.89	149	1013524	51.31	ng	99
80) Benzo(a)anthracene	21.90	228	2638819	49.56	ng	98
81) 3,3'-Dichlorobenzidine	21.82	252	160234	7.46	ng	# 93
82) Chrysene	21.98	228	2495828	49.22	ng	98
83) Bis(2-ethylhexyl)phthalate	21.77	149	1418566	50.20	ng	99
84) Di-n-octyl phthalate	23.04	149	2418166	51.57	ng	95
85) Indeno(1,2,3-cd)pyrene	29.31	276	3437647	49.11	ng	# 98
87) Benzo(b)fluoranthene	24.26	252	2791936	52.25	ng	98
88) Benzo(k)fluoranthene	24.33	252	2720690	52.72	ng	98
89) Benzo(a)pyrene	25.20	252	2688222	51.48	ng	98
90) Dibenzo(a,h)anthracene	29.38	278	2900328	50.60	ng	97
91) Benzo(g,h,i)perylene	30.55	276	2812142	49.11	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

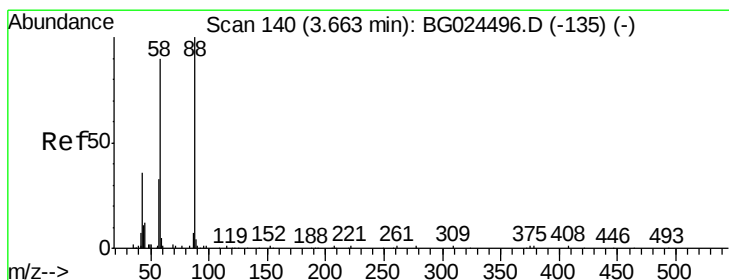
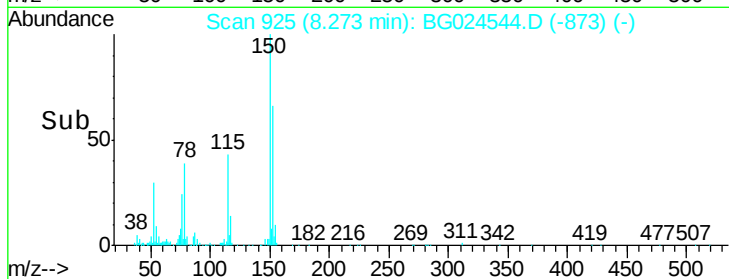
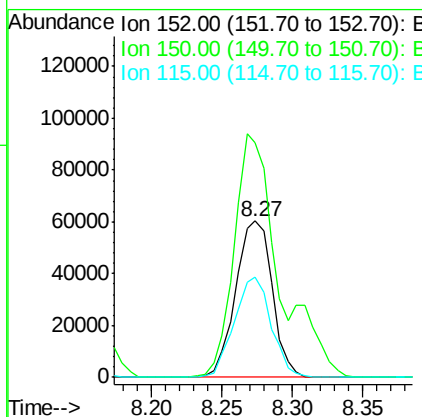
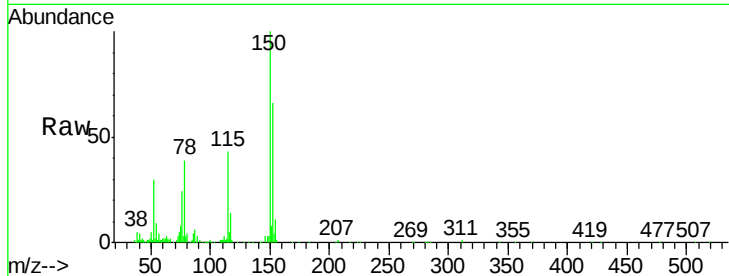
ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:	152	Resp:	109019
Ion Ratio	Lower	Upper	
152	100		
150	150.5	114.0	171.0
115	64.3	48.1	72.1

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#2

1,4-Dioxane

Concen: 39.43 ng

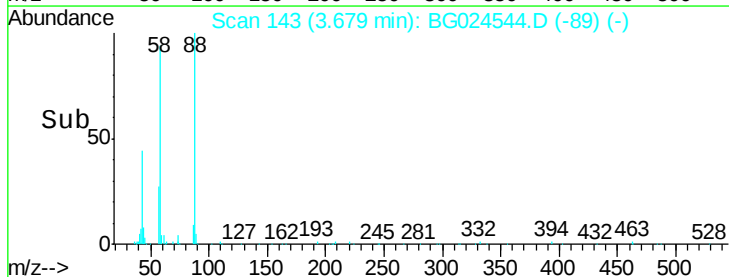
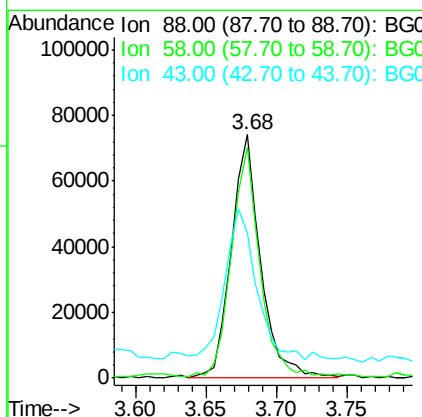
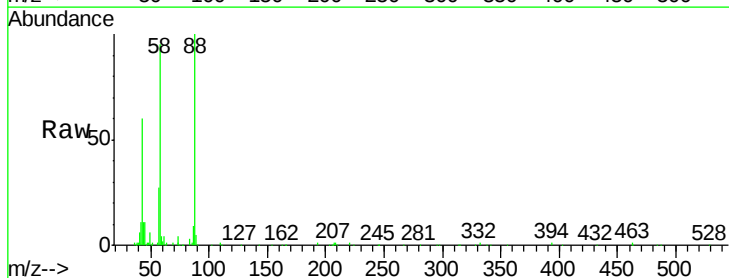
RT: 3.68 min Scan# 143

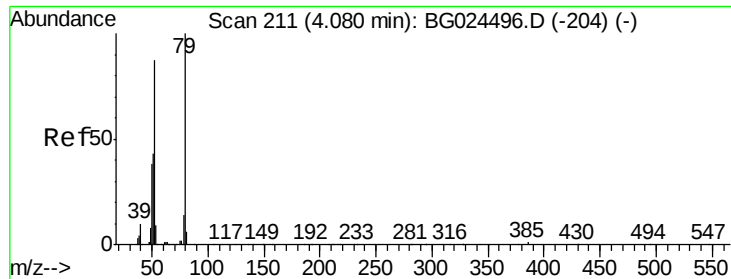
Delta R.T. 0.02 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:	88	Resp:	107137
Ion Ratio	Lower	Upper	
88	100		
58	91.9	79.4	119.2
43	65.9	33.8	50.6#





#3

Pyridine

Concen: 32.76 ng

RT: 4.09 min Scan# 213

Delta R.T. 0.01 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

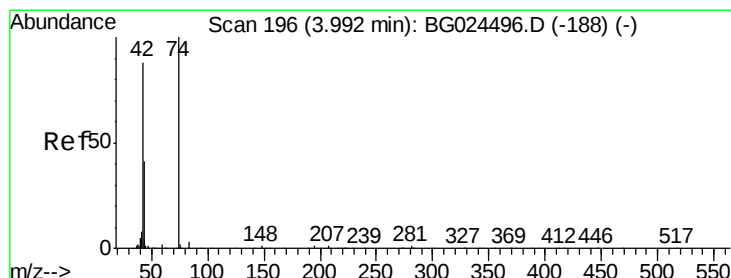
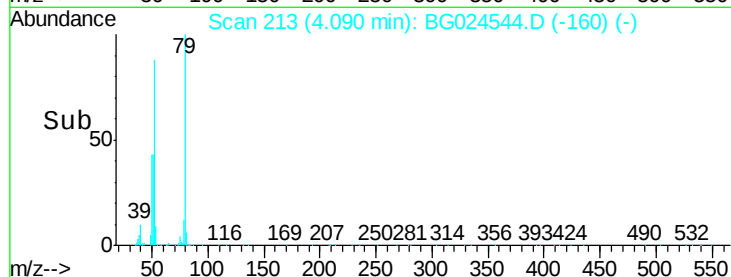
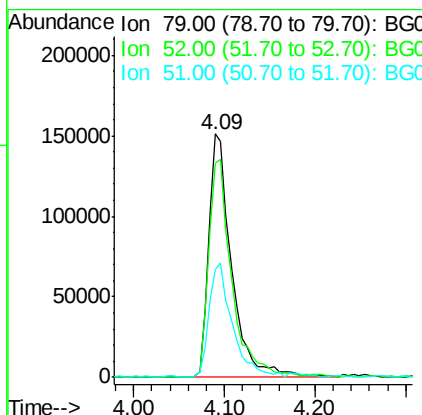
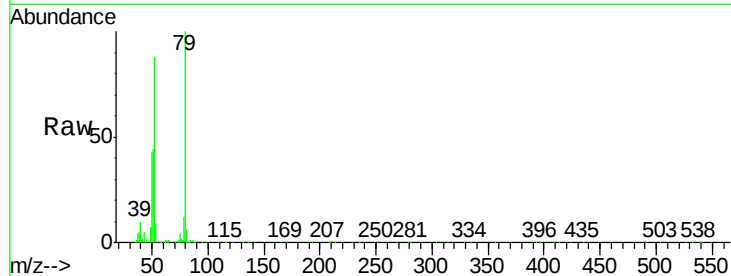
ClientSampleId :

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Tgt Ion:	79	Resp:	266546
Ion	Ratio	Lower	Upper
79	100		
52	87.7	77.8	116.6
51	44.4	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 45.05 ng

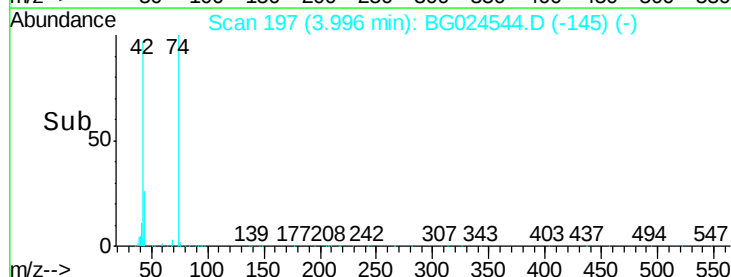
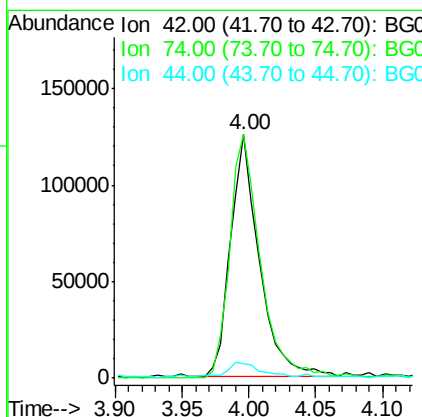
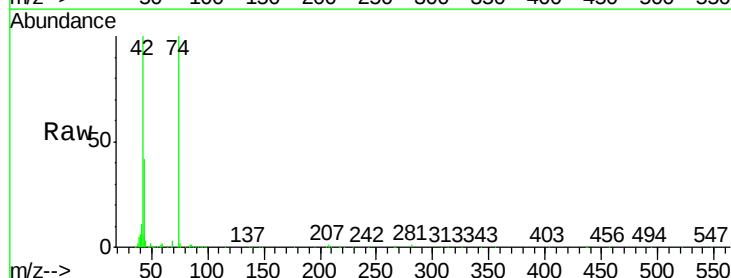
RT: 4.00 min Scan# 197

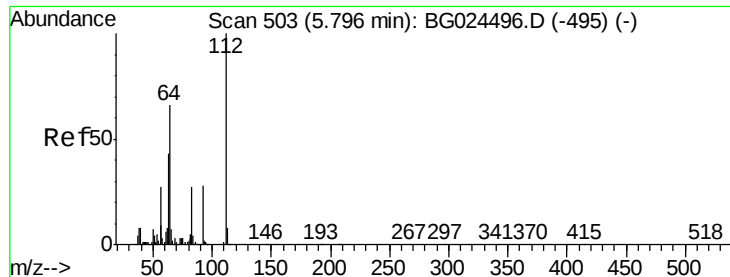
Delta R.T. 0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:	42	Resp:	189758
Ion	Ratio	Lower	Upper
42	100		
74	100.1	76.7	115.1
44	6.1	6.1	9.1





#5

2-Fluorophenol

Concen: 133.93 ng

RT: 5.81 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

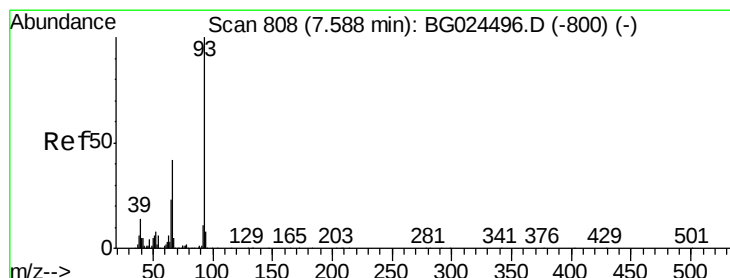
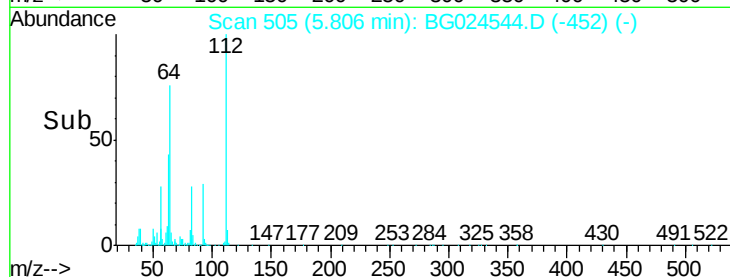
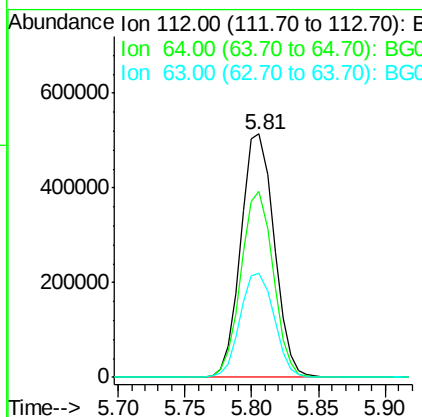
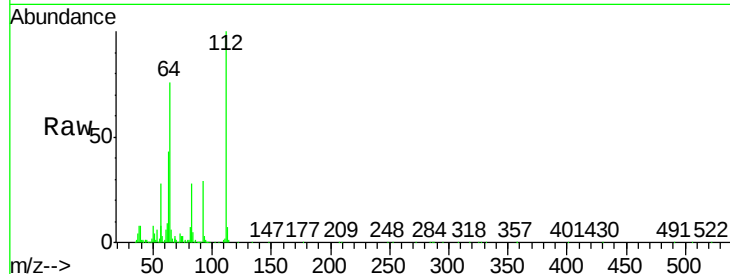
ClientSampleId :

HSR-WC-72-102616MS

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		890848		
64	76.5	61.8	92.6		
63	42.7	37.2	55.8		

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#6

Aniline

Concen: 24.93 ng

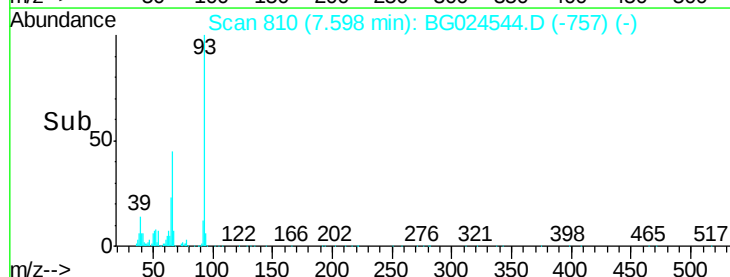
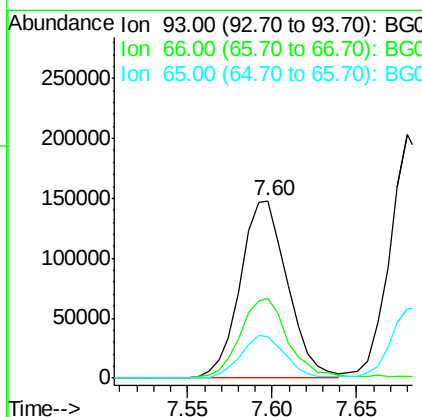
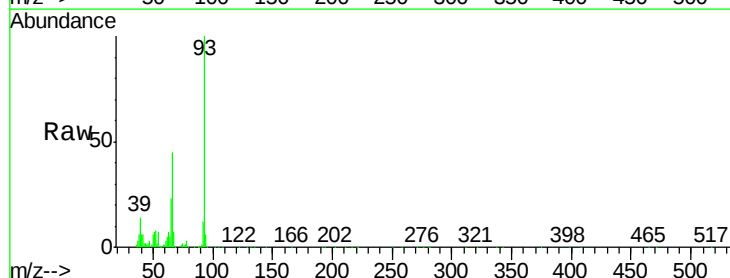
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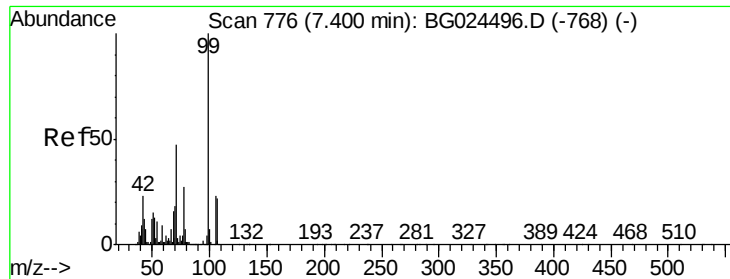
Delta R.T. 0.01 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt	Ion	Ratio	Resp	Lower	Upper
93	100		288171		
66	45.3	35.4	53.2		
65	23.1	21.2	31.8		





#7

Phenol-d6

Concen: 131.02 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion: 99 Resp: 1195469

Ion Ratio Lower Upper

99 100

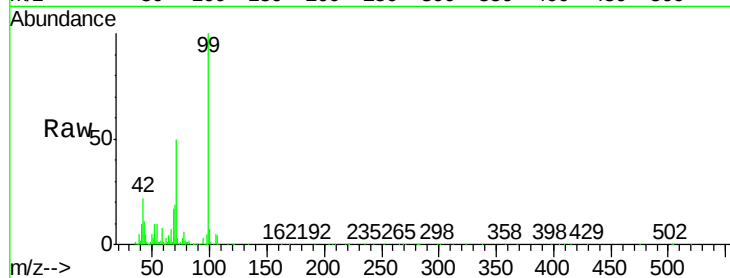
42 22.5 20.5 30.7

71 49.9 37.6 56.4

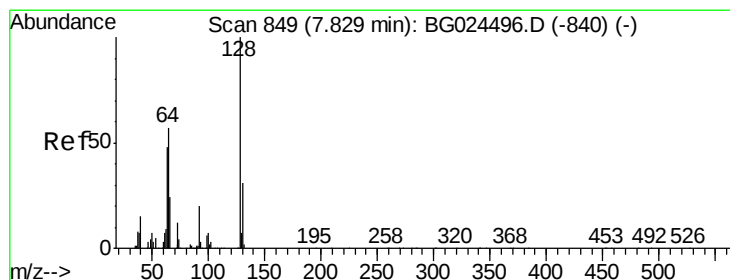
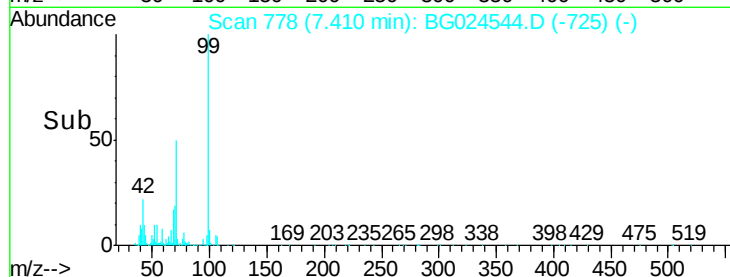
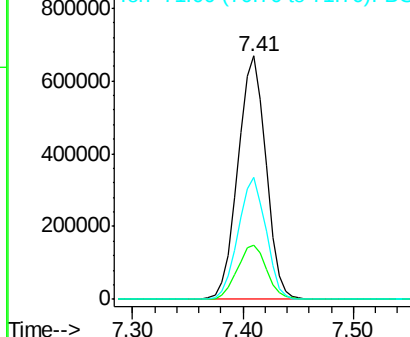
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.01 ng

RT: 7.83 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

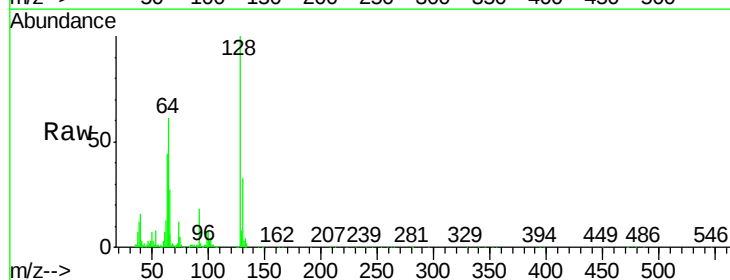
Tgt Ion: 128 Resp: 331415

Ion Ratio Lower Upper

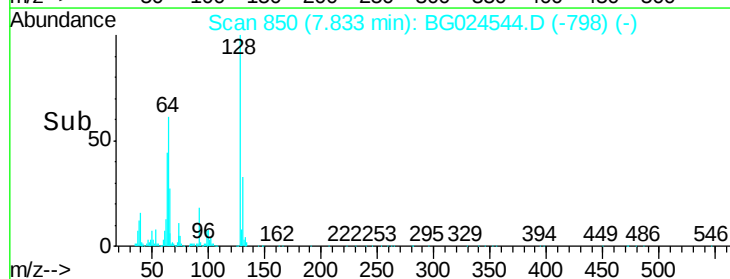
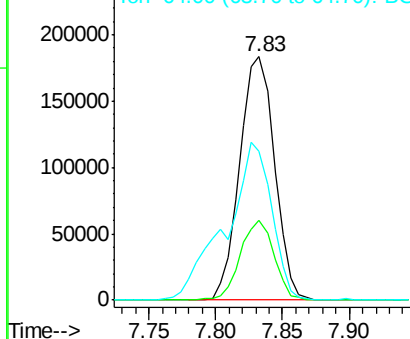
128 100

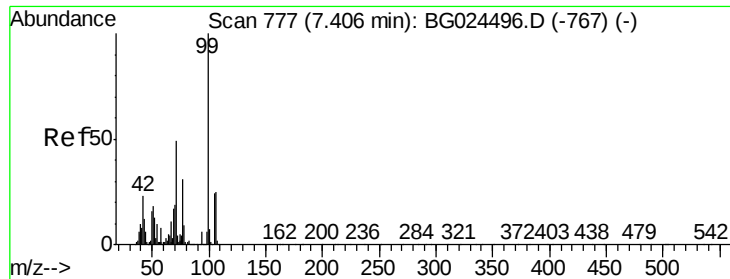
130 33.0 11.4 51.4

64 61.3 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 13.01 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

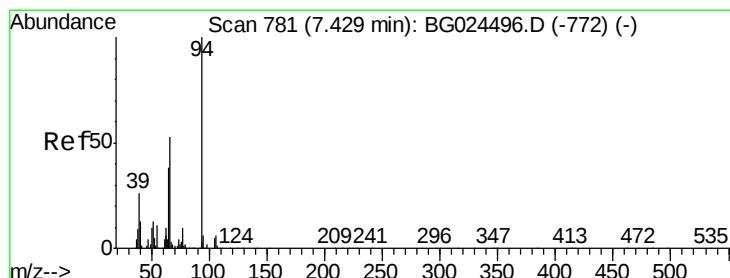
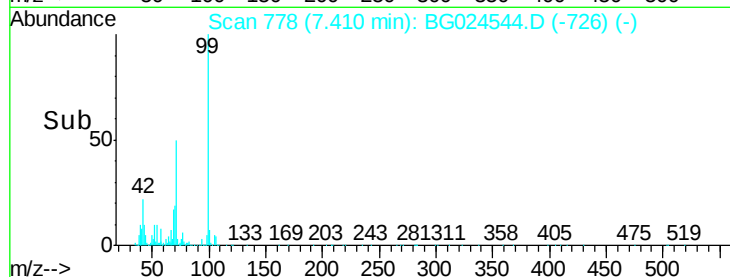
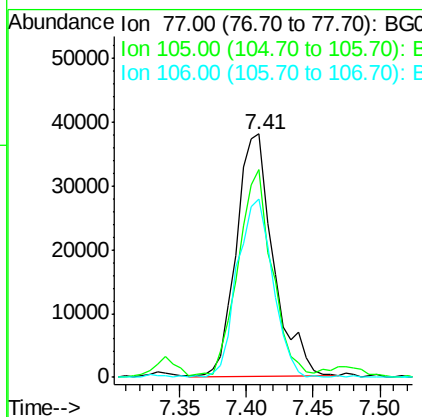
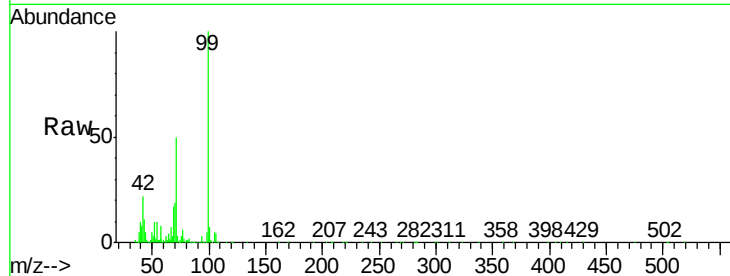
ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:	77	Resp:	73380
Ion Ratio	Lower	Upper	
77	100		
105	85.5	60.9	100.9
106	73.1	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 45.45 ng

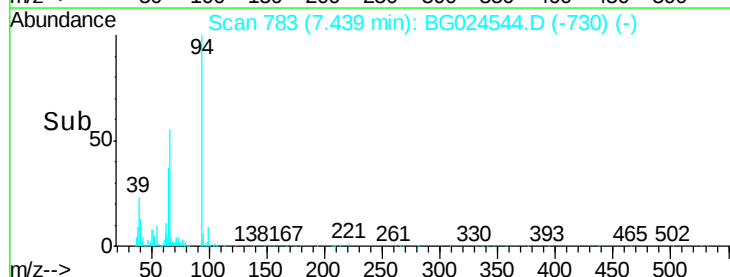
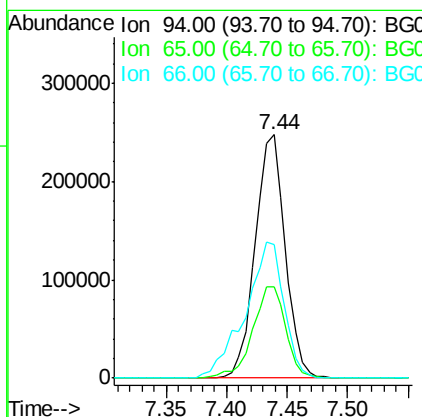
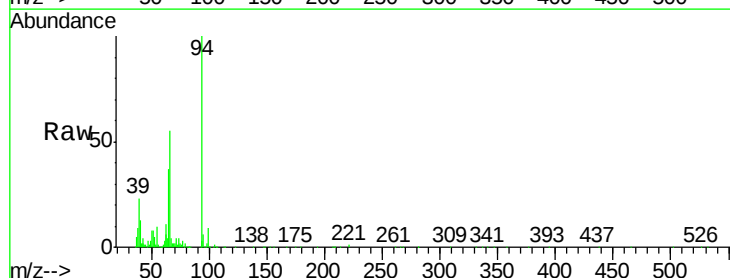
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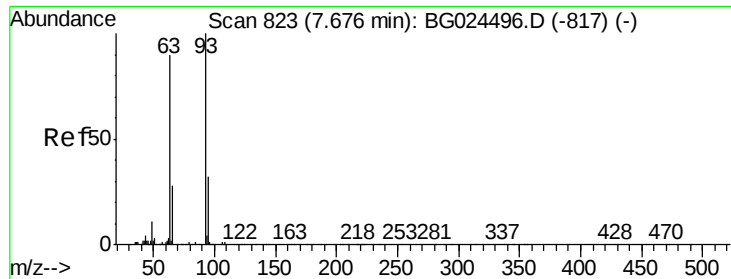
Delta R.T. 0.01 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:	94	Resp:	427517
Ion Ratio	Lower	Upper	
94	100		
65	37.4	20.6	60.6
66	54.9	35.5	75.5





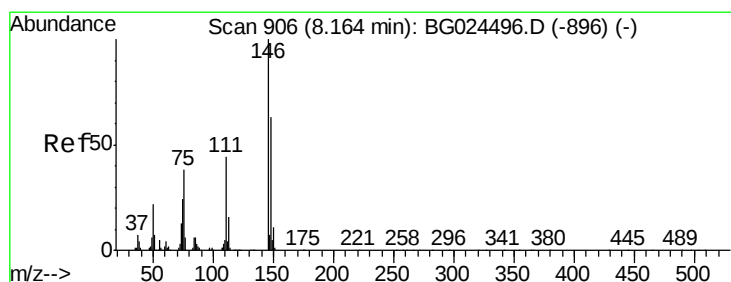
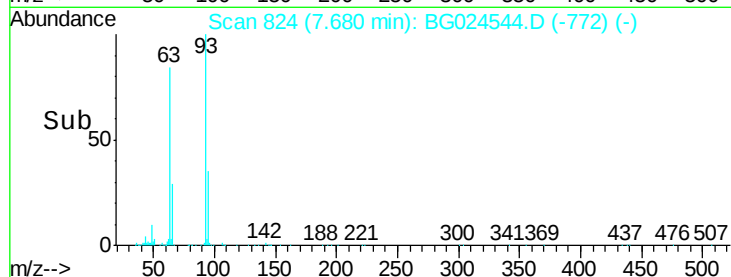
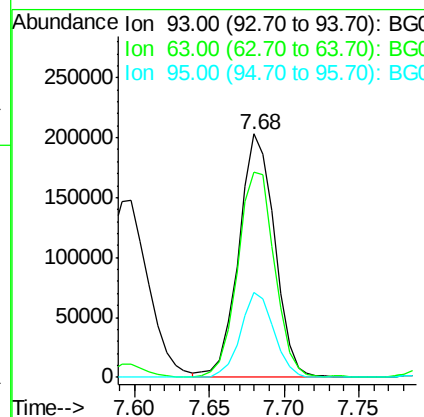
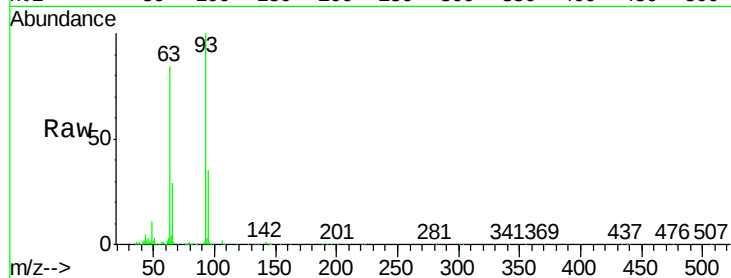
#11
bis(2-Chloroethyl)ether
Concen: 47.89 ng
RT: 7.68 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	338381		
63	84.1	78.5	118.5	
95	34.7	9.8	49.8	

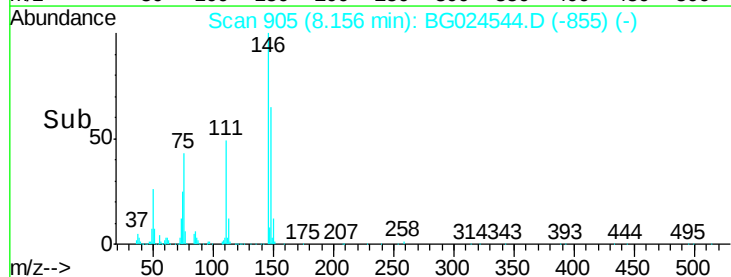
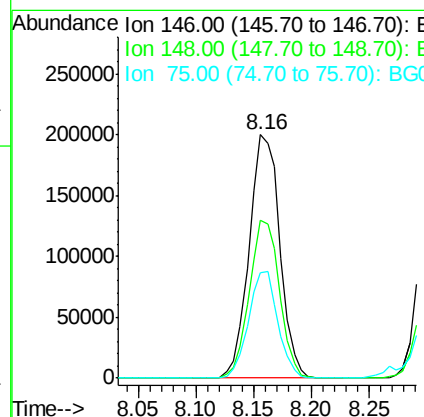
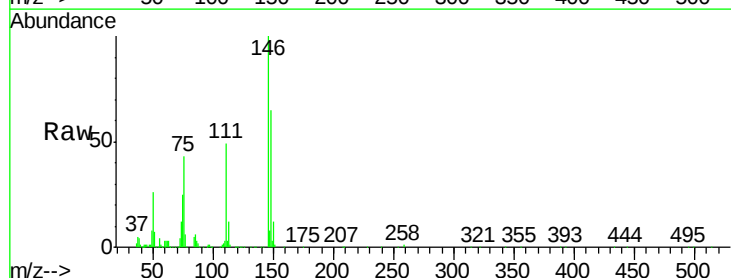
Manual Integrations
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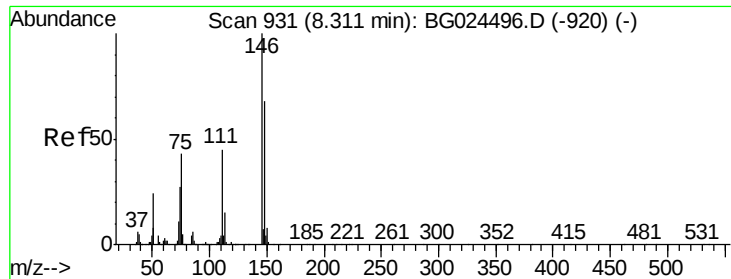
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#12
1,3-Dichlorobenzene
Concen: 44.05 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	368816		
148	65.0	49.2	73.8	
75	43.0	33.4	50.2	





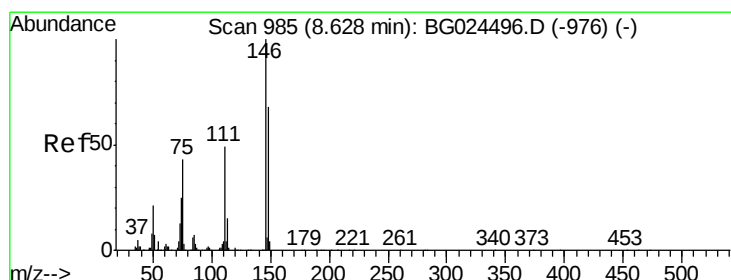
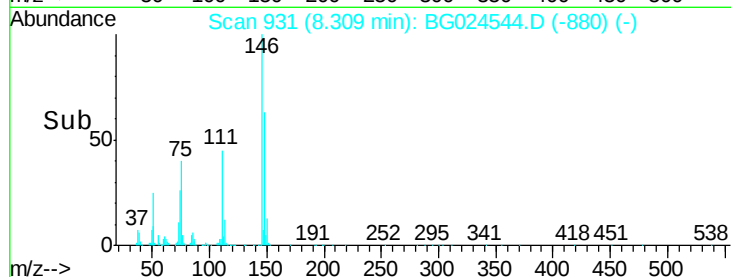
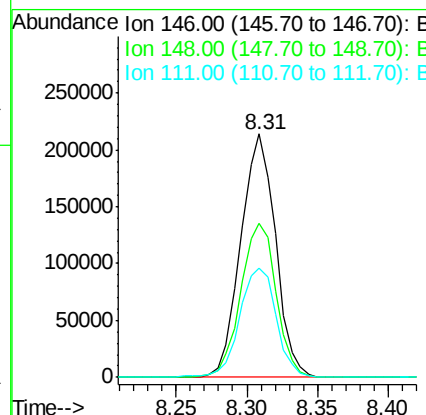
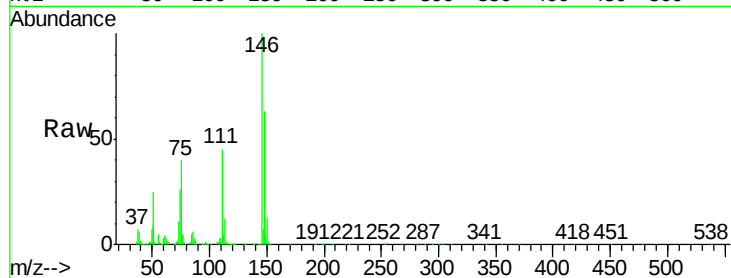
#13
 1,4-Dichlorobenzene
 Concen: 44.45 ng
 RT: 8.31 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	44.8	37.0	55.6

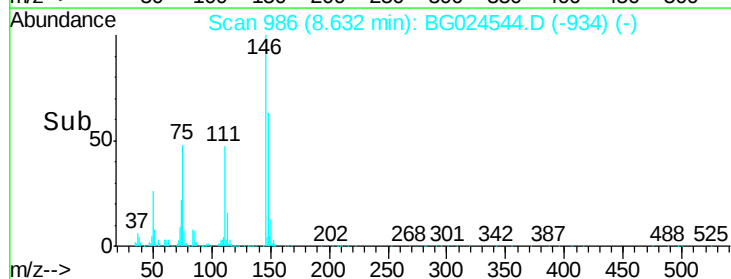
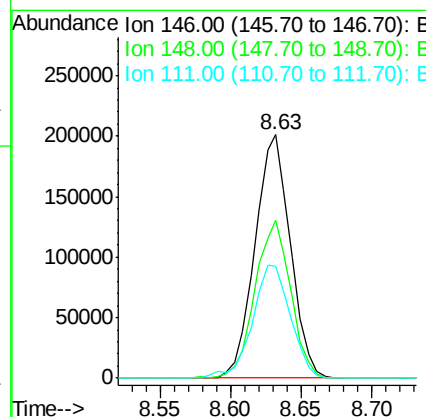
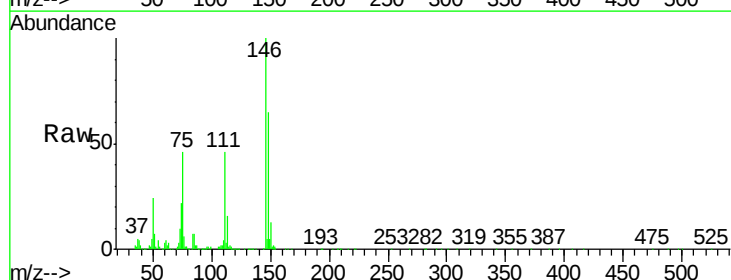
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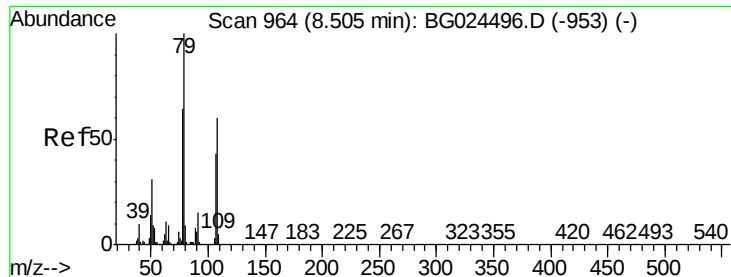
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#14
 1,2-Dichlorobenzene
 Concen: 44.40 ng
 RT: 8.63 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	54.6	81.8
111	45.9	39.7	59.5





#15

Benzyl Alcohol

Concen: 46.42 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

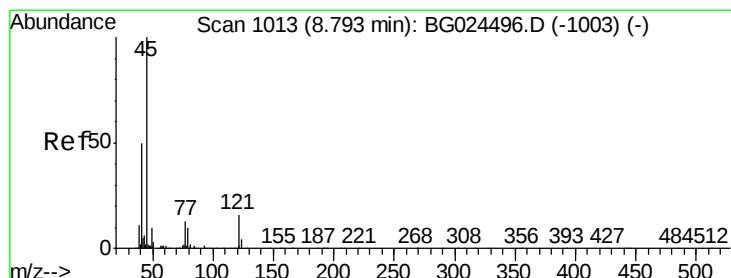
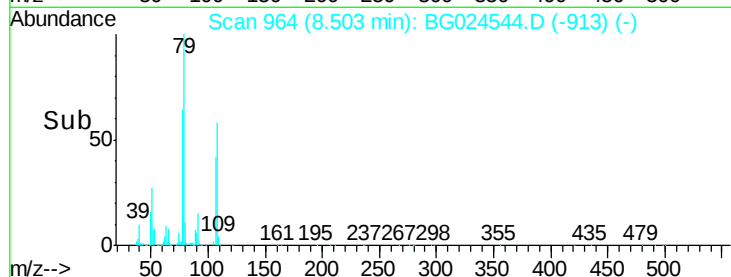
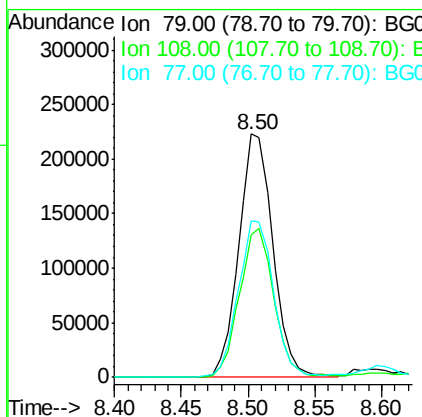
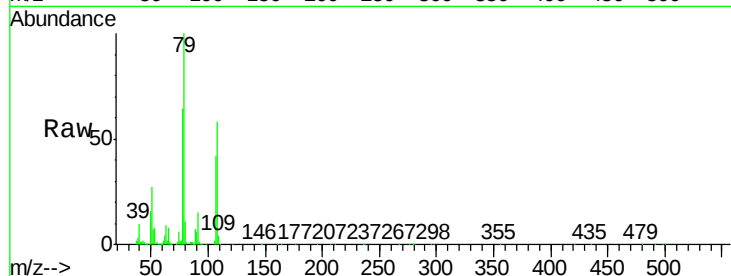
ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:	79	Resp:	394035
Ion Ratio	Lower	Upper	
79	100		
108	58.3	45.5	68.3
77	64.1	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.12 ng

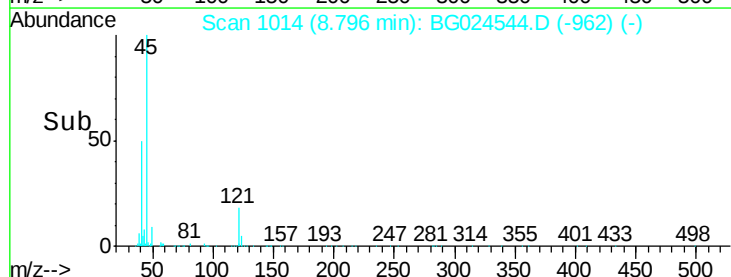
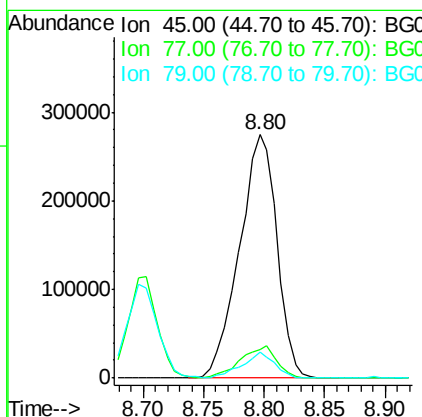
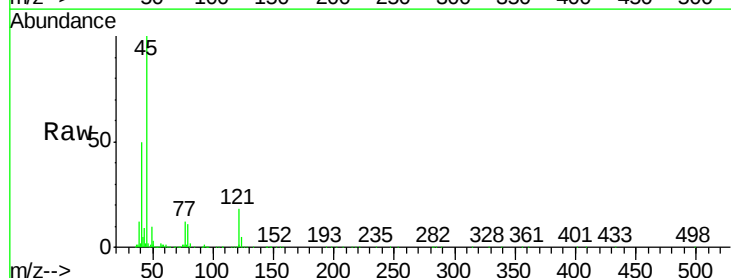
RT: 8.80 min Scan# 1014

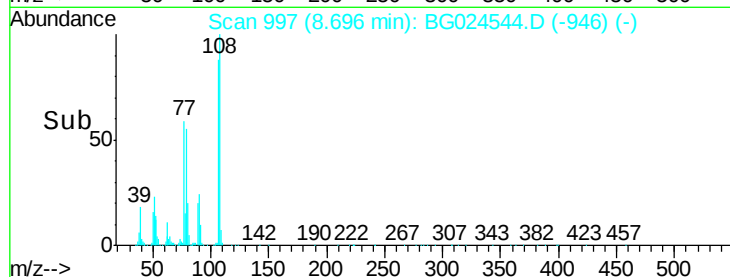
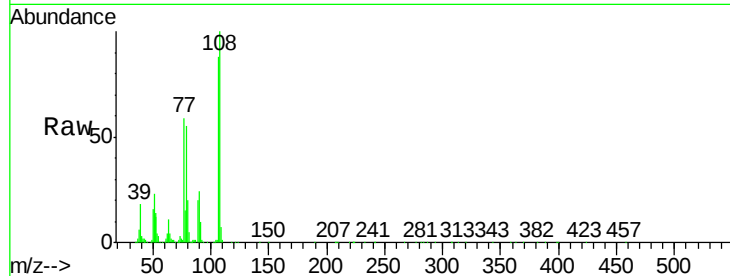
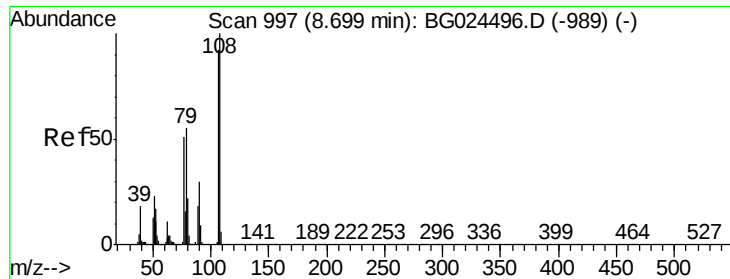
Delta R.T. 0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:	45	Resp:	591461
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	30.6
79	10.7	0.0	28.5





#17

2-Methylphenol

Concen: 48.67 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	303342		
108	113.2	85.6	128.4	
77	67.0	51.4	77.2	
79	62.1	49.2	73.8	

Instrument :

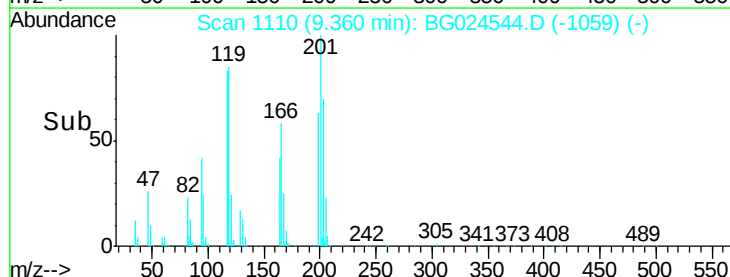
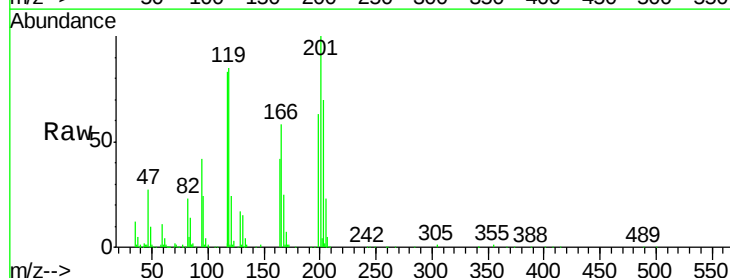
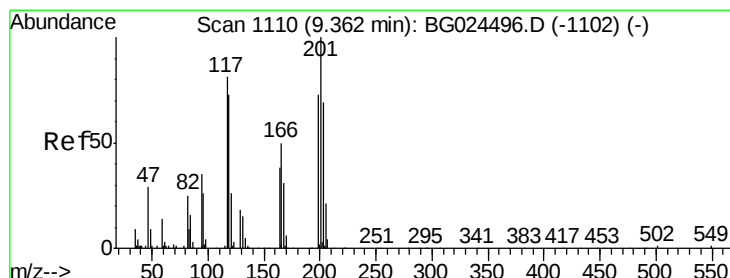
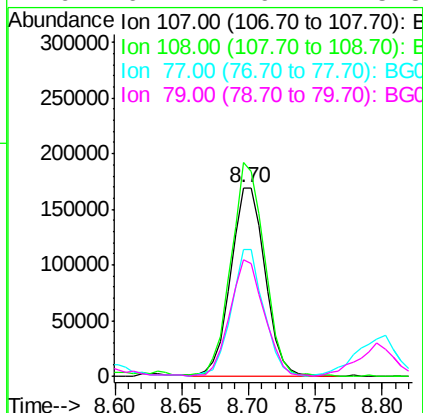
BNA_G

ClientSampleId :

HSR-WC-72-102616MS

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#18

Hexachloroethane

Concen: 44.39 ng

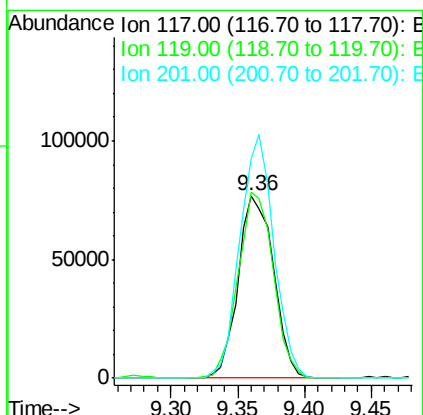
RT: 9.36 min Scan# 1110

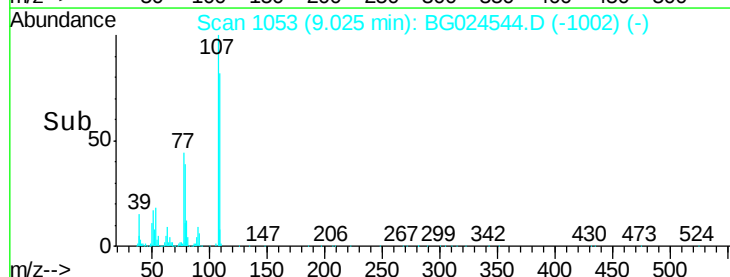
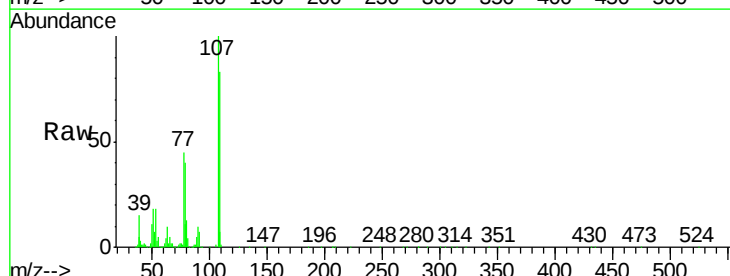
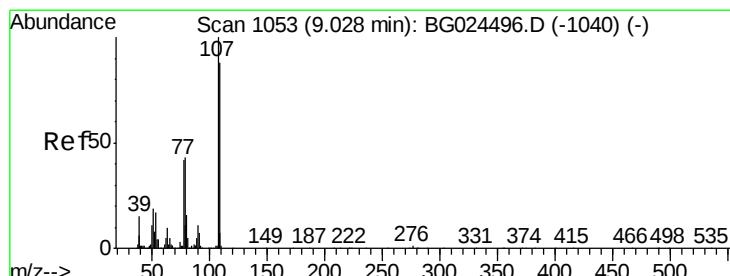
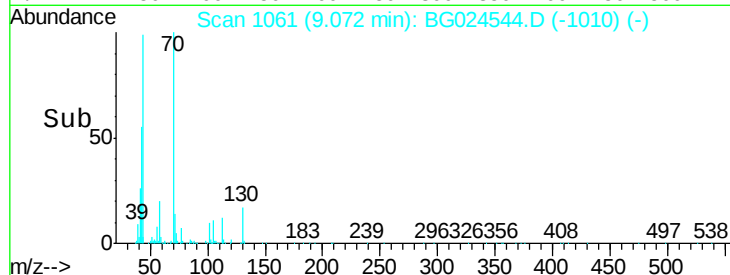
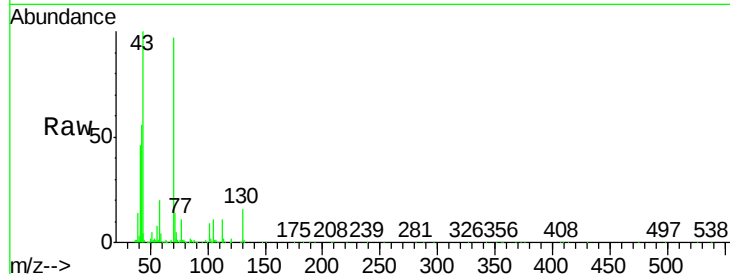
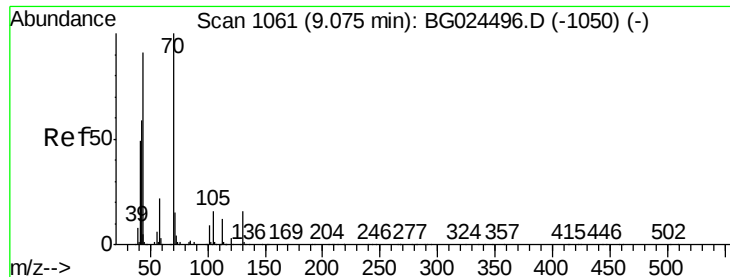
Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	141101		
119	101.8	69.8	104.6	
201	120.3	95.4	143.0	





#19

n-Nitroso-di-n-propylamine

Concen: 49.36 ng

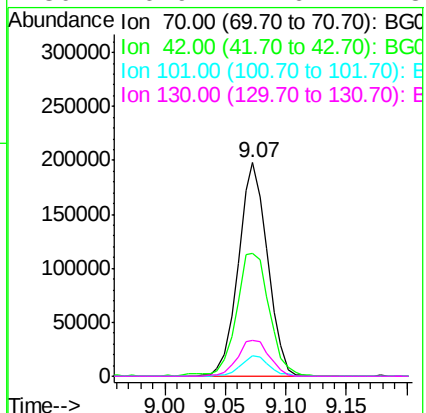
RT: 9.07 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.8	56.1	84.1
101	9.7	7.5	11.3
130	16.9	14.6	21.8



Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MS

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#20

3+4-Methylphenols

Concen: 50.03 ng

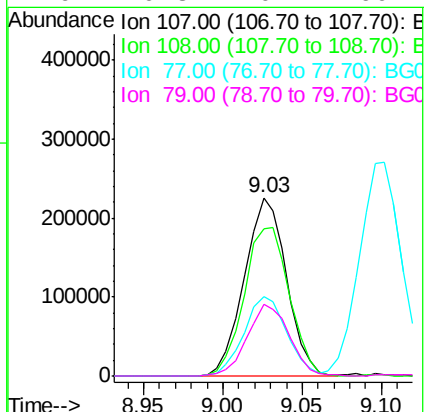
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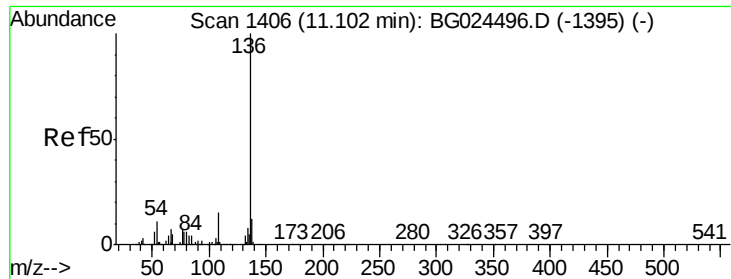
Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.8	70.8	110.8
77	44.9	25.8	65.8
79	40.3	20.1	60.1





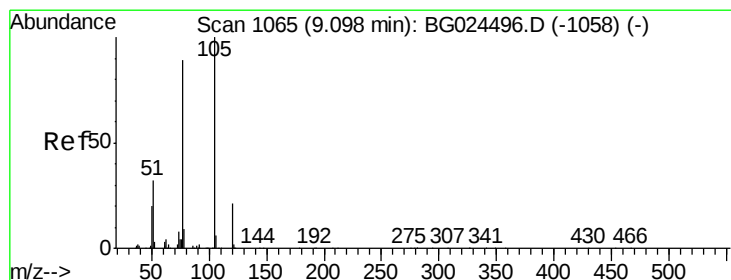
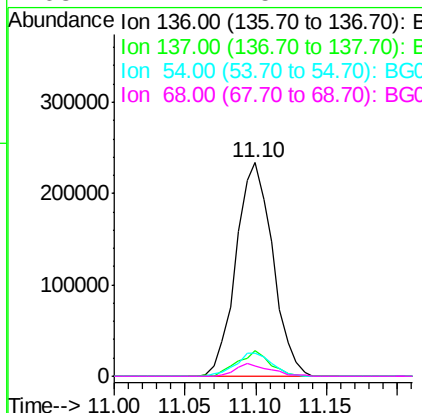
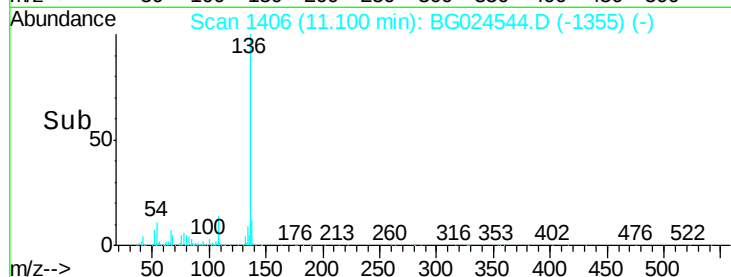
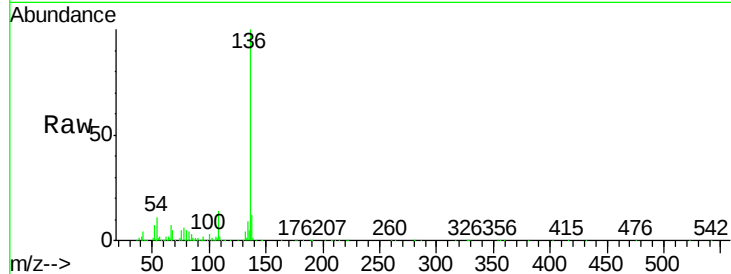
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	423930		
137	11.9	8.9	13.3	
54	10.8	9.3	13.9	
68	4.7	5.1	7.7#	

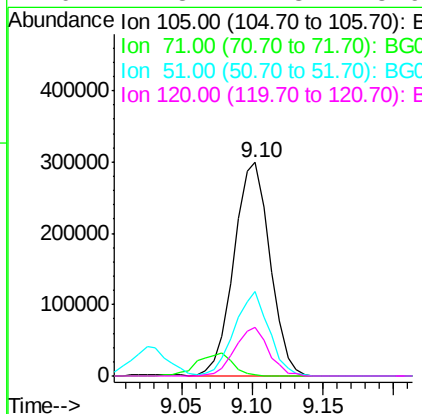
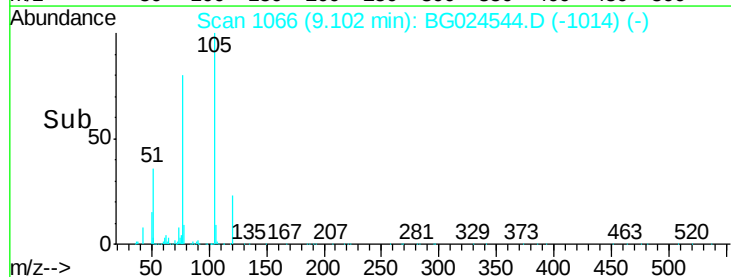
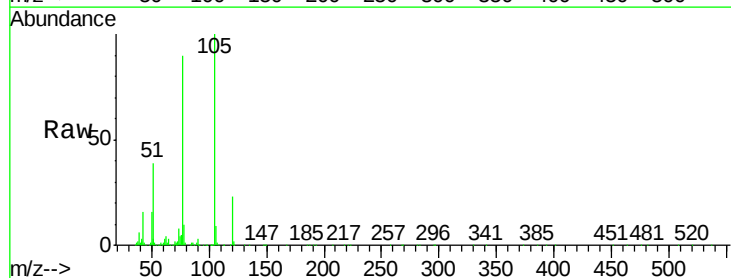
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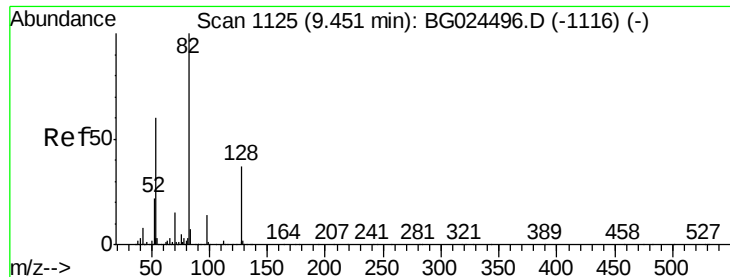
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#22
Acetophenone
Concen: 49.06 ng
RT: 9.10 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	534189		
71	0.3	0.9	1.3#	
51	39.4	34.0	51.0	
120	22.8	17.3	25.9	





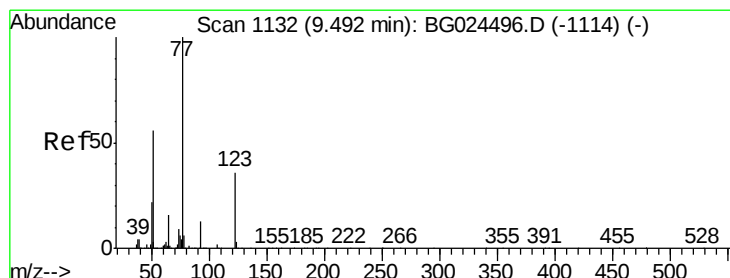
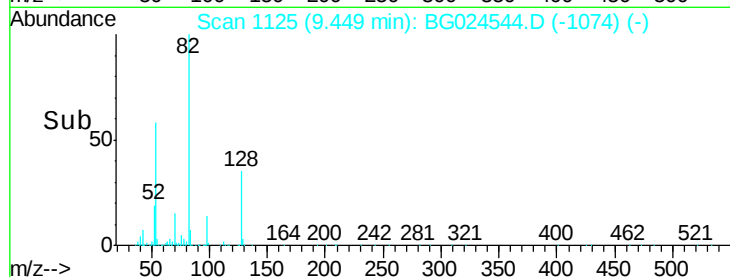
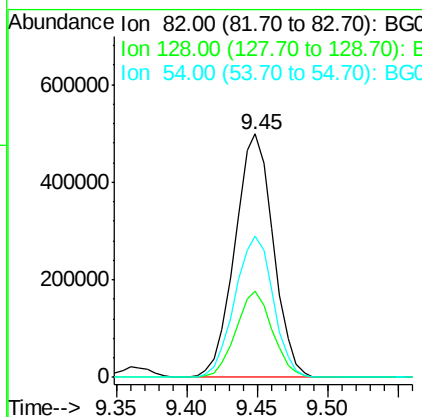
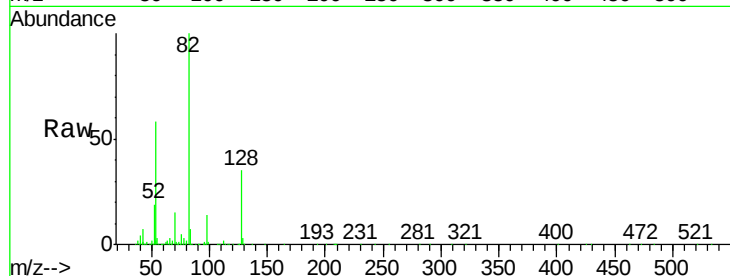
#23
 Nitrobenzene-d5
 Concen: 101.33 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	26.4	39.6
54	58.3	49.4	74.2

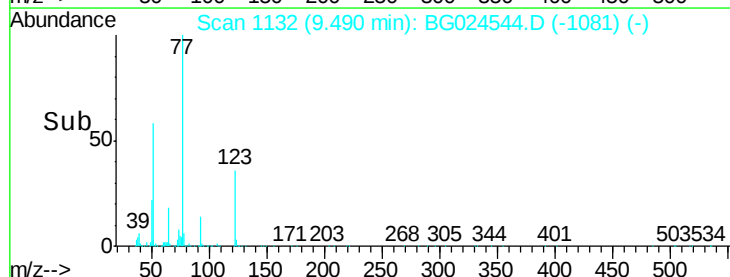
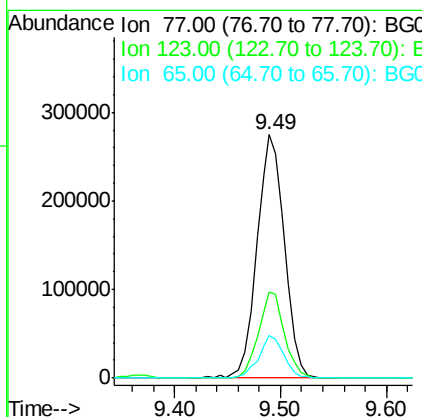
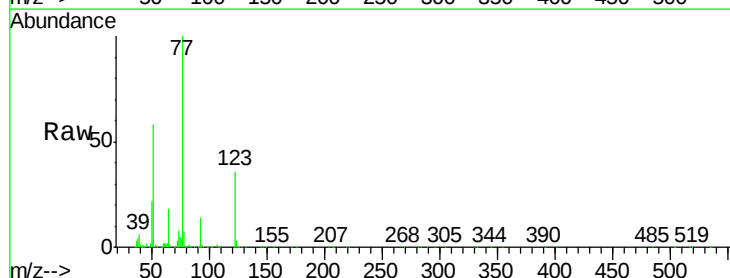
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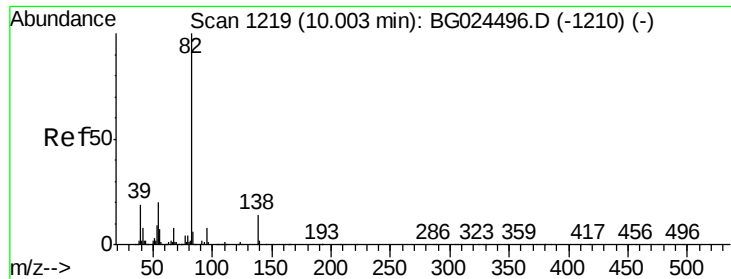
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#24
 Nitrobenzene
 Concen: 47.71 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.6	26.1	39.1
65	17.7	12.4	18.6





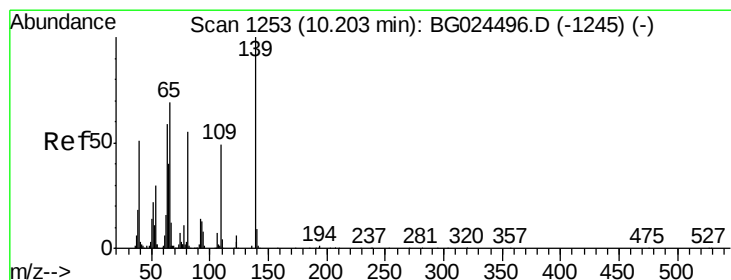
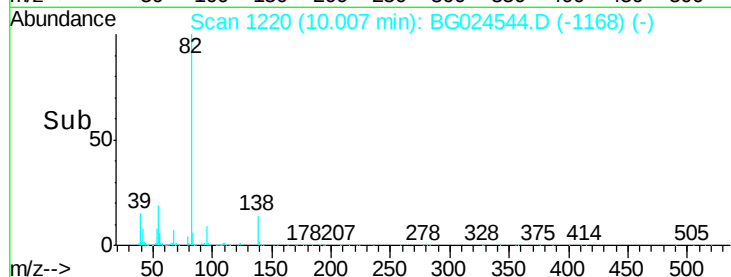
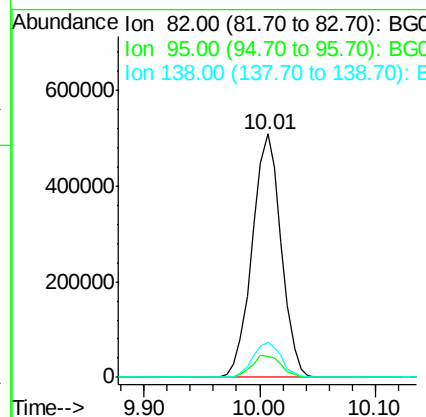
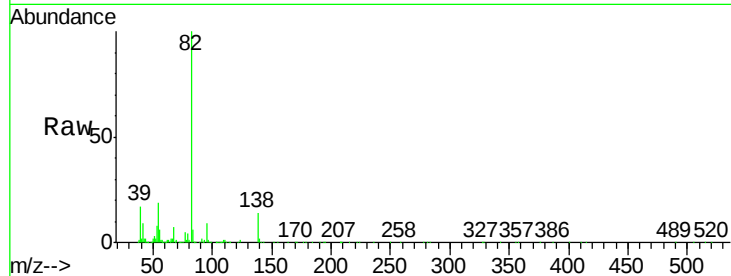
#25
Isophorone
Concen: 51.26 ng
RT: 10.01 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	887747		
95	8.6	7.5	11.3	
138	14.4	12.3	18.5	

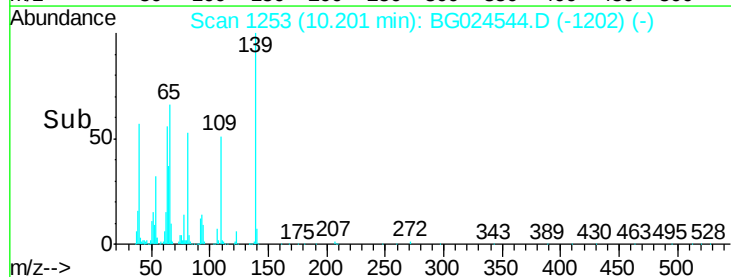
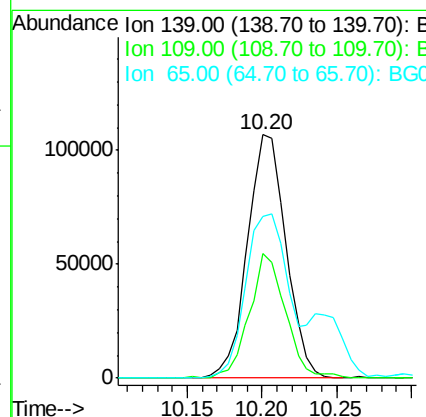
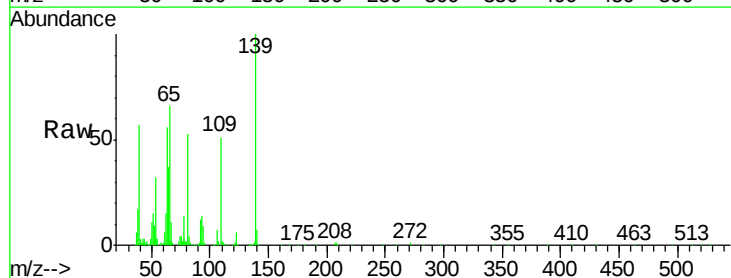
Manual Integrations
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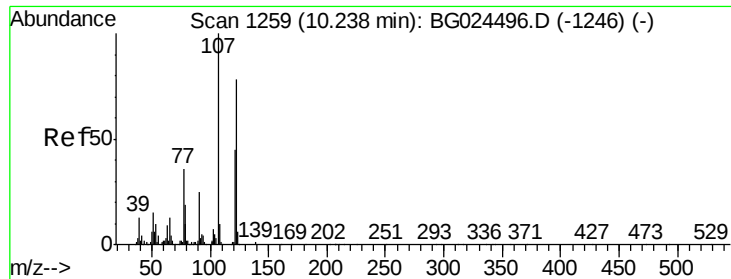
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#26
2-Nitrophenol
Concen: 49.64 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	190869		
109	51.2	38.6	58.0	
65	66.4	57.1	85.7	





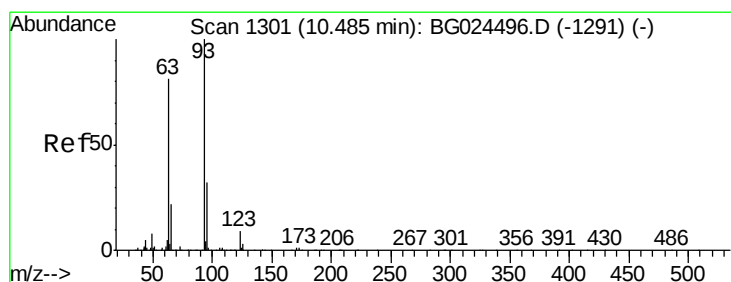
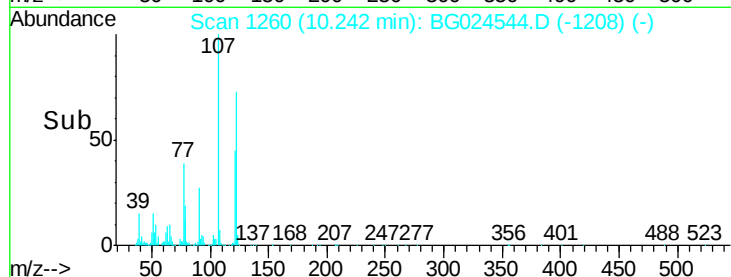
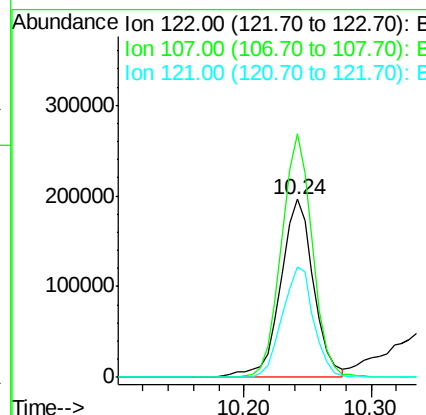
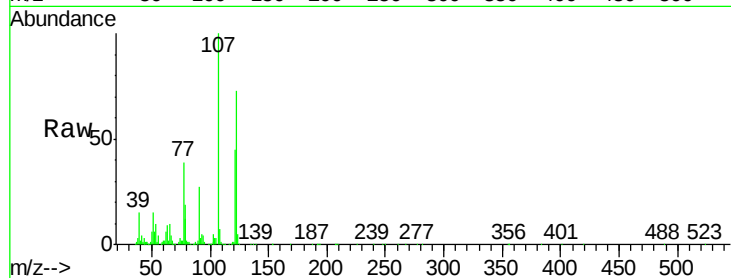
#27
2,4-Dimethylphenol
Concen: 52.82 ng
RT: 10.24 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	355540		
107	136.9	104.2	156.4	
121	62.3	46.0	69.0	

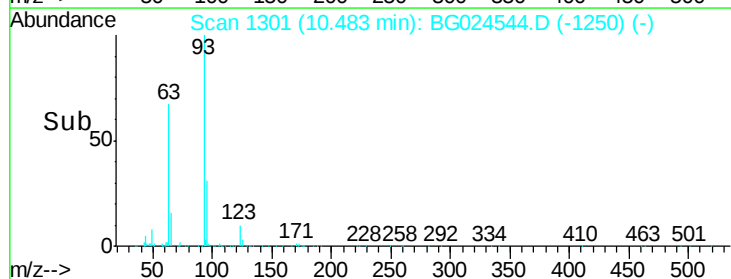
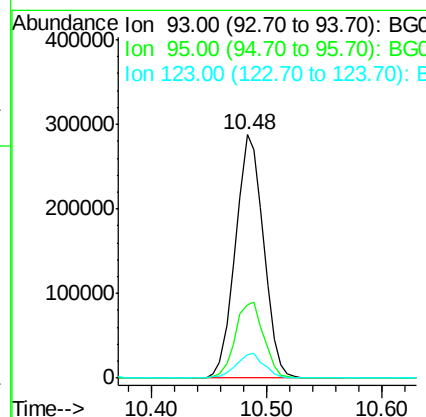
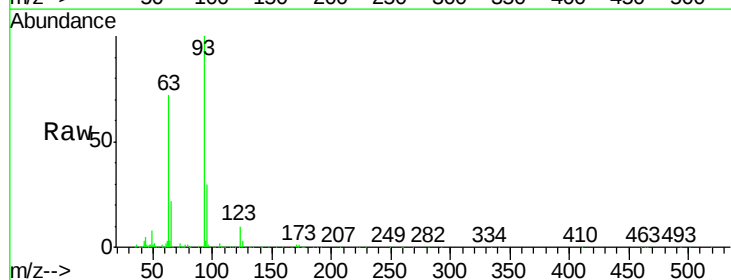
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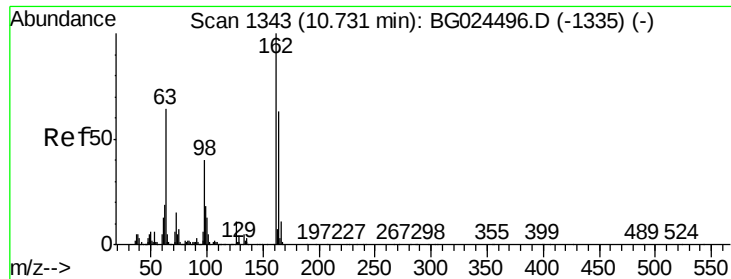
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#28
bis(2-Chloroethoxy)methane
Concen: 54.07 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	484509		
95	30.2	25.7	38.5	
123	9.9	8.3	12.5	





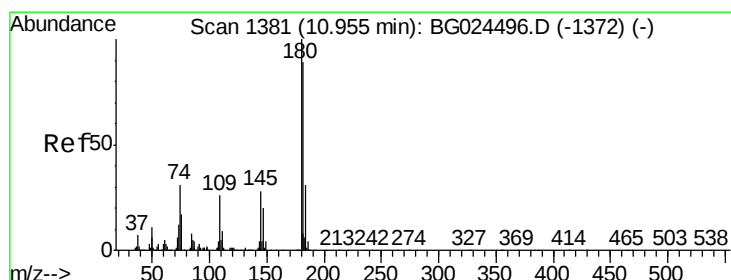
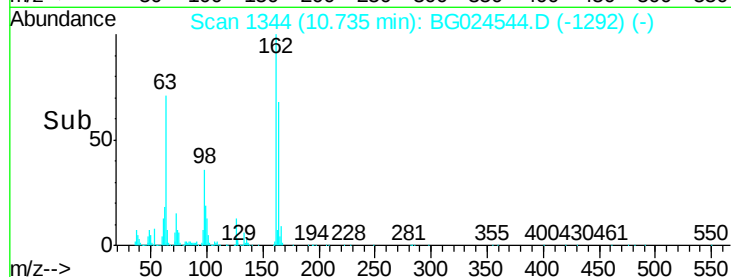
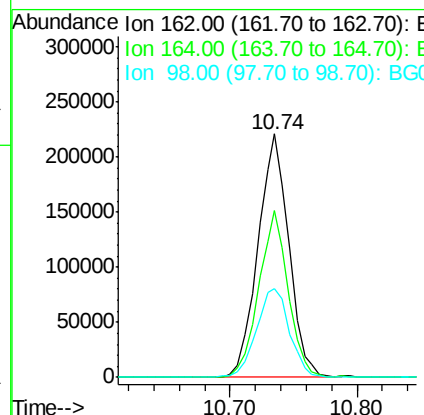
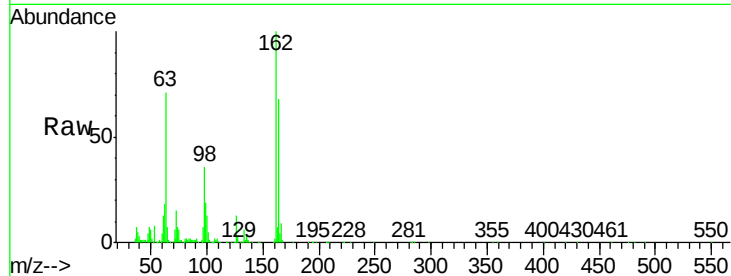
#29
2,4-Dichlorophenol
Concen: 52.87 ng
RT: 10.74 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.3	42.4	82.4
98	36.3	20.3	60.3

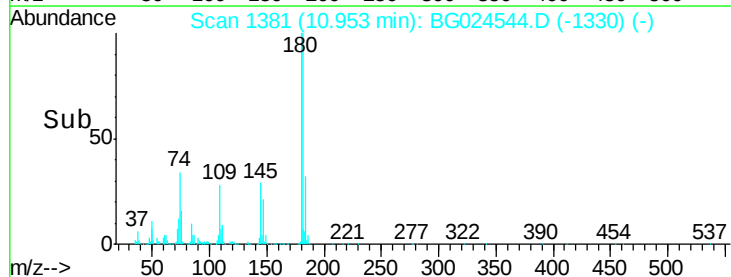
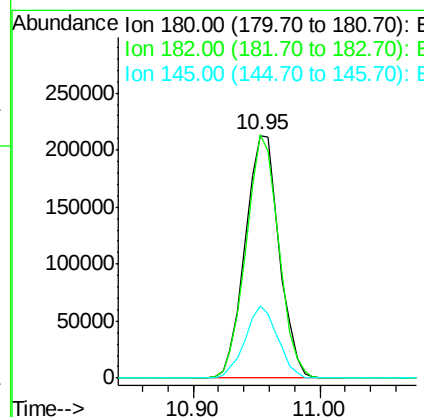
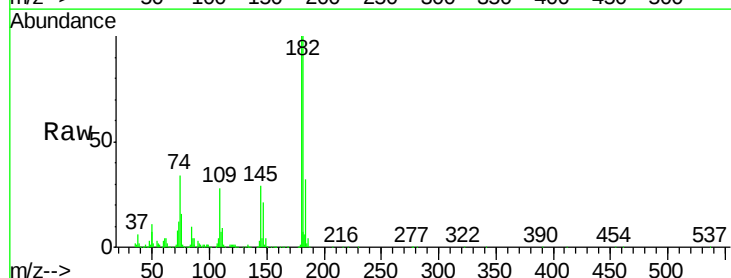
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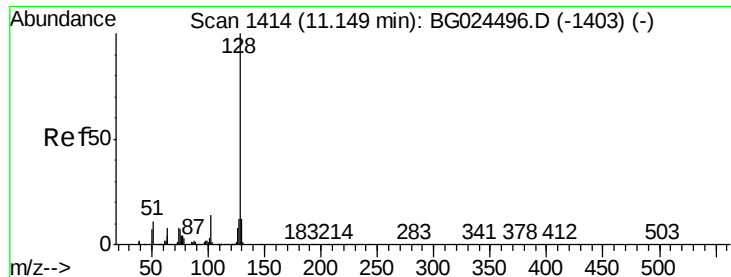
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#30
1,2,4-Trichlorobenzene
Concen: 47.28 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	100.3	77.0	115.4
145	29.4	23.4	35.0





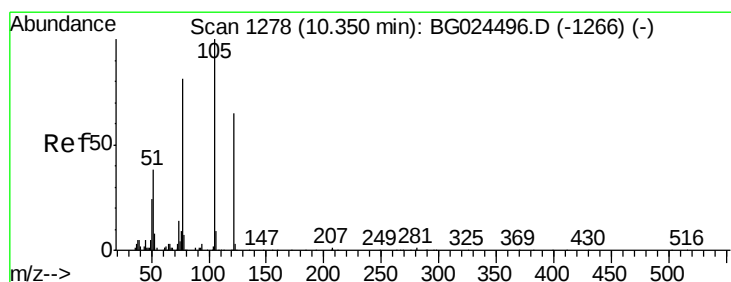
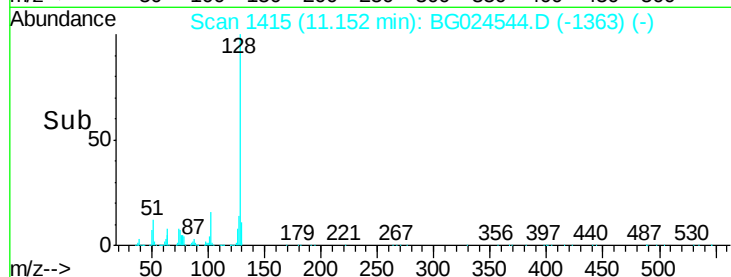
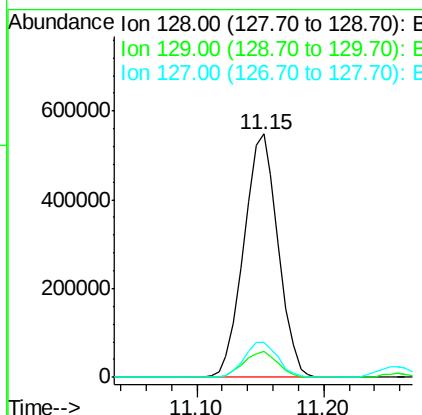
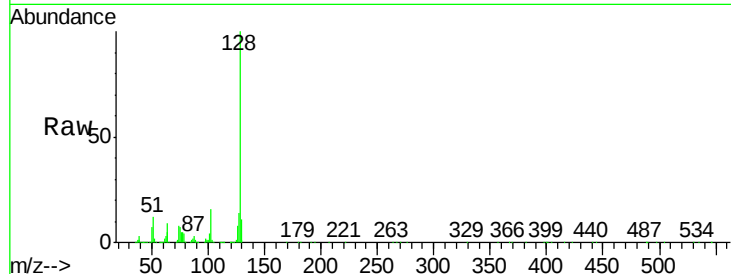
#31
Naphthalene
Concen: 48.45 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.3	13.9
127	14.3	11.4	17.0

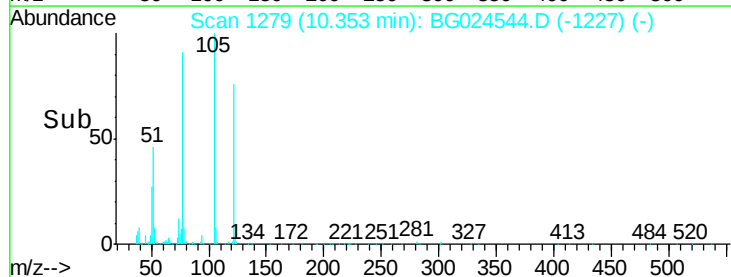
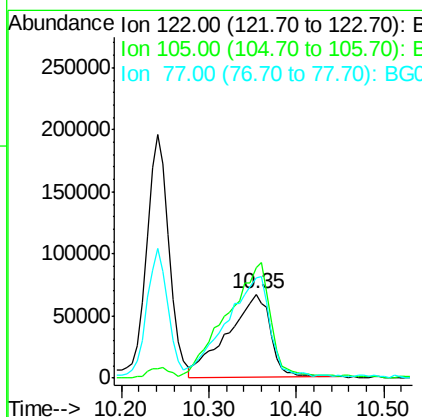
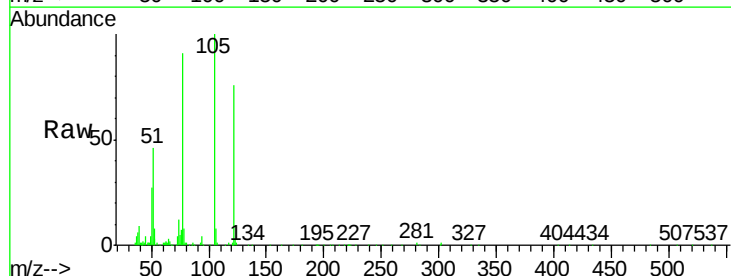
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#32
Benzoic acid
Concen: 40.22 ng
RT: 10.35 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	120.1	160.1
77	119.6	104.6	144.6





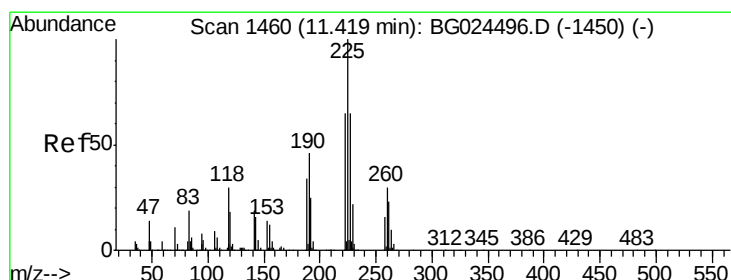
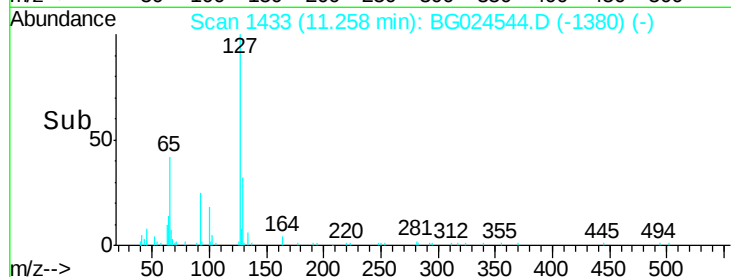
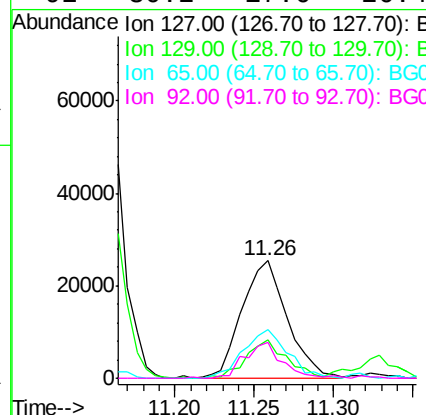
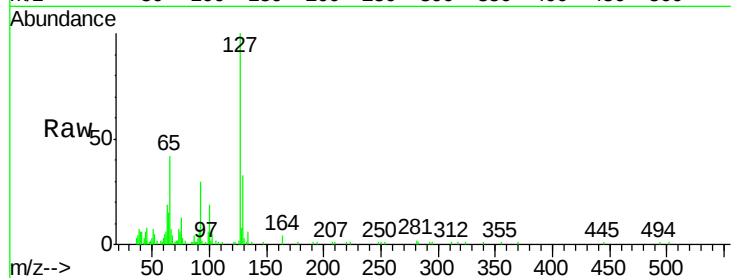
#33
4-Chloroaniline
Concen: 5.49 ng
RT: 11.26 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.1	23.6	35.4
65	41.6	37.7	56.5
92	30.2	17.6	26.4

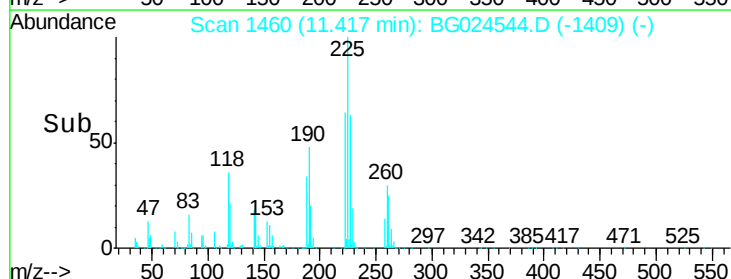
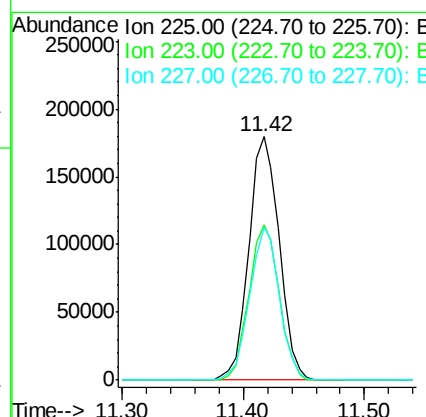
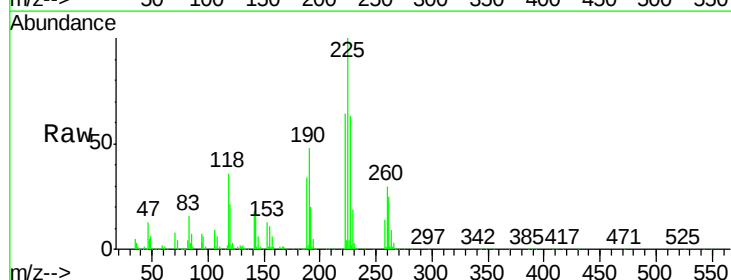
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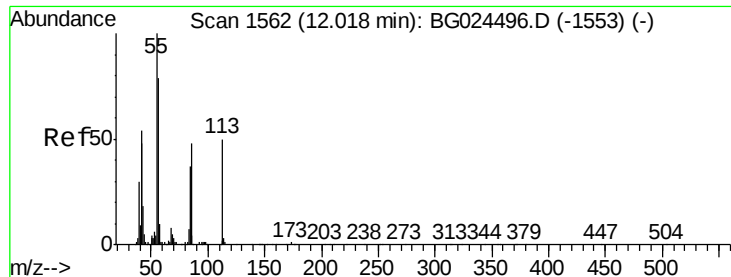
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#34
Hexachlorobutadiene
Concen: 47.97 ng
RT: 11.42 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.0	50.7	76.1
227	62.9	49.0	73.6





#35

Caprolactam

Concen: 41.60 ng m

RT: 12.02 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

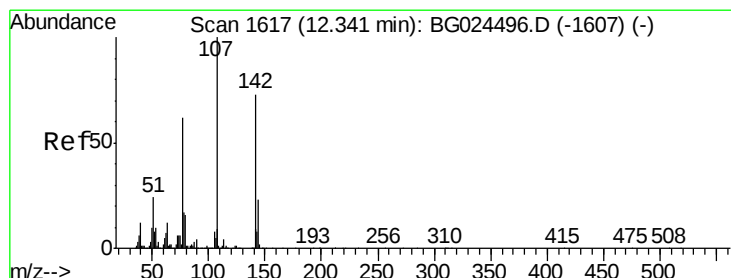
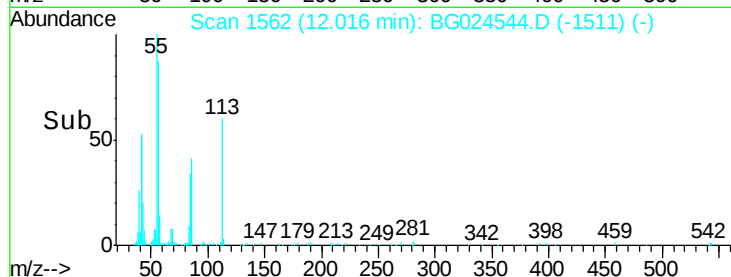
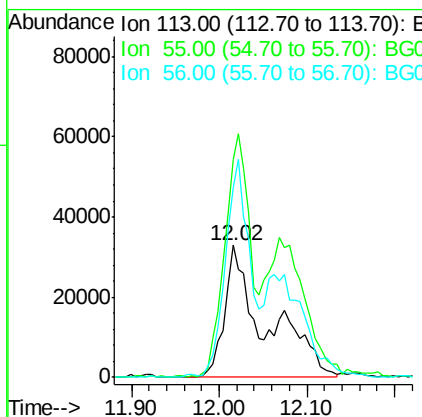
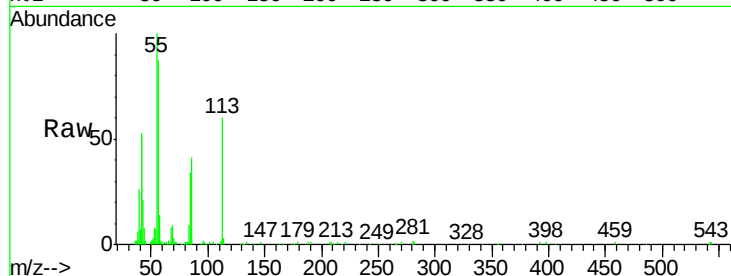
ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	165.8	198.6	238.6#
56	143.8	140.4	180.4

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#36

4-Chloro-3-methylphenol

Concen: 51.93 ng

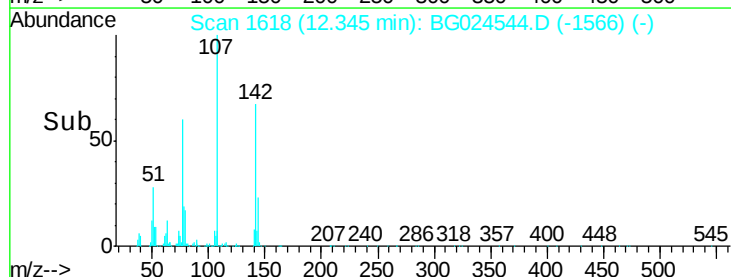
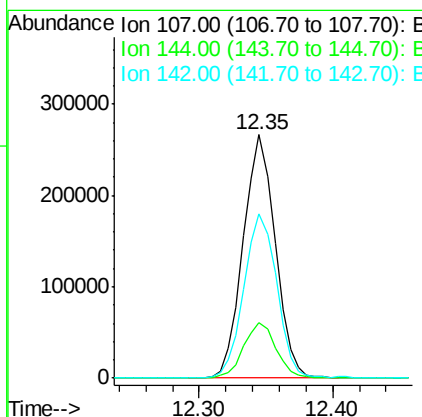
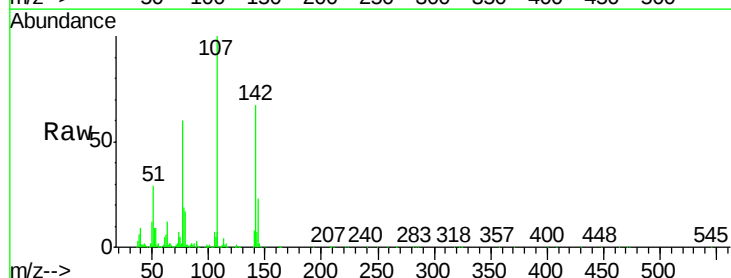
RT: 12.35 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	17.4	26.0
142	67.3	54.1	81.1





#37

2-Methylnaphthalene

Concen: 49.36 ng

RT: 12.73 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

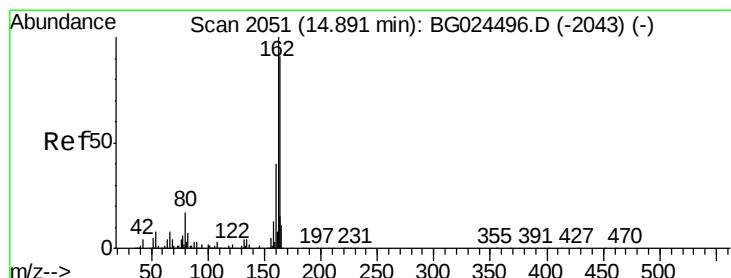
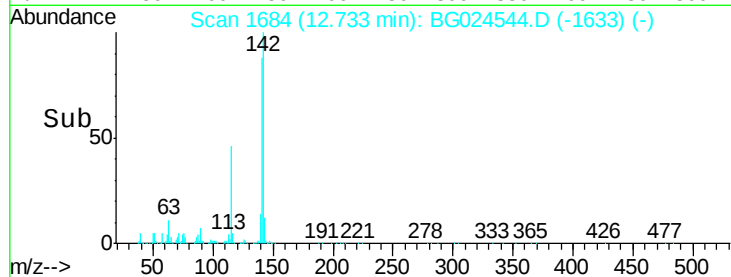
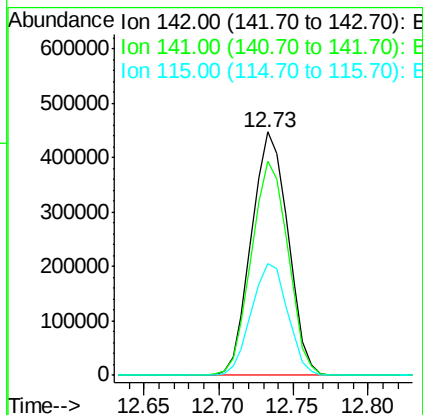
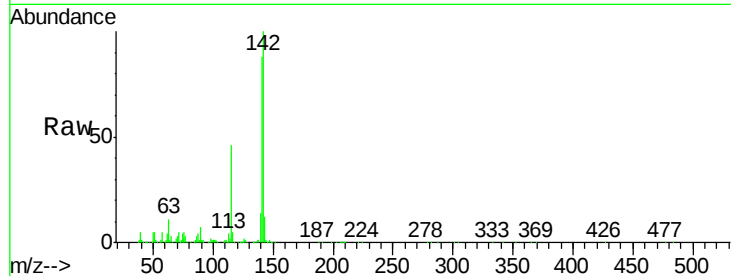
ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:	142	Resp:	761578
Ion Ratio	Lower	Upper	
142	100		
141	88.1	70.4	105.6
115	45.7	35.5	53.3

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#38

Acenaphthene-d10

Concen: 20.00 ng

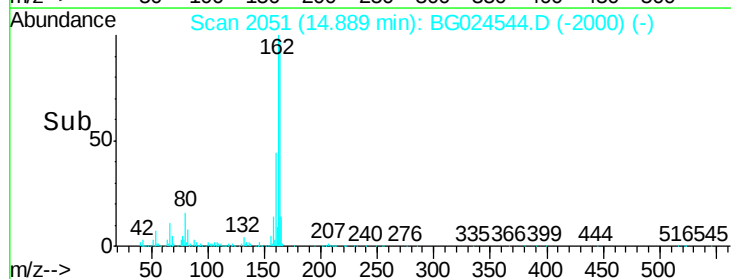
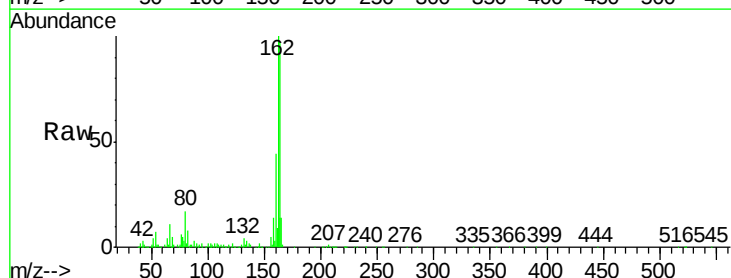
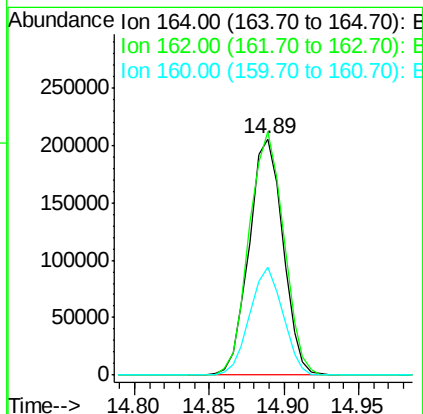
RT: 14.89 min Scan# 2051

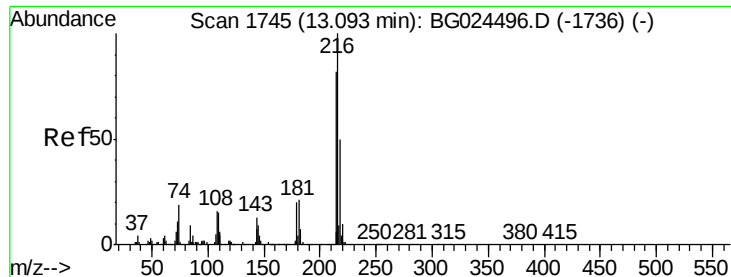
Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:	164	Resp:	322353
Ion Ratio	Lower	Upper	
164	100		
162	103.1	85.1	127.7
160	45.6	34.7	52.1





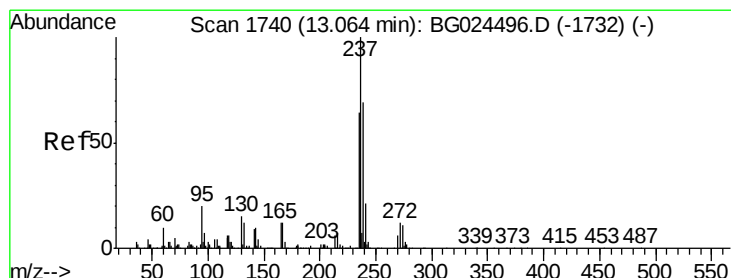
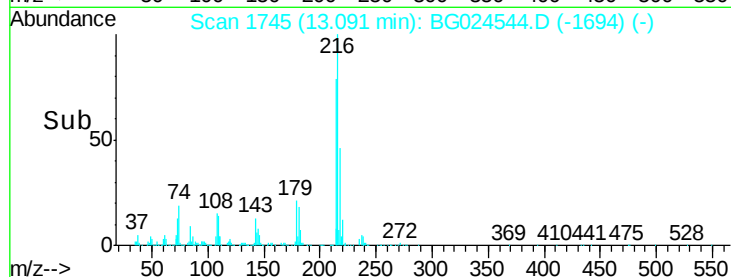
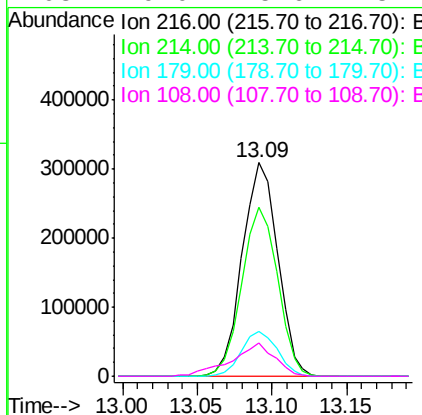
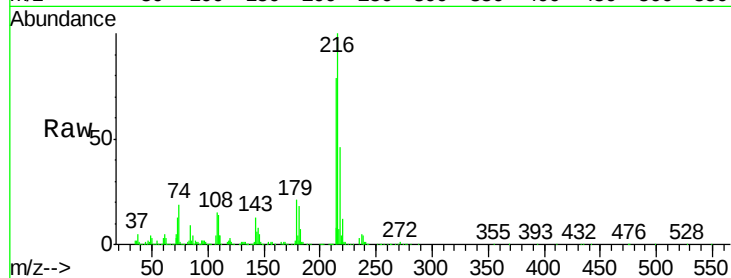
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.78 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	508577		
214	79.9	64.4	96.6	
179	21.2	17.4	26.0	
108	19.0	15.6	23.4	

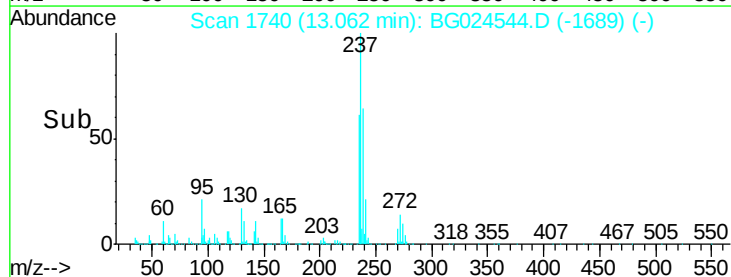
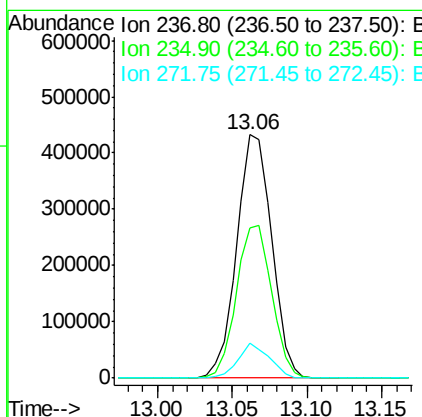
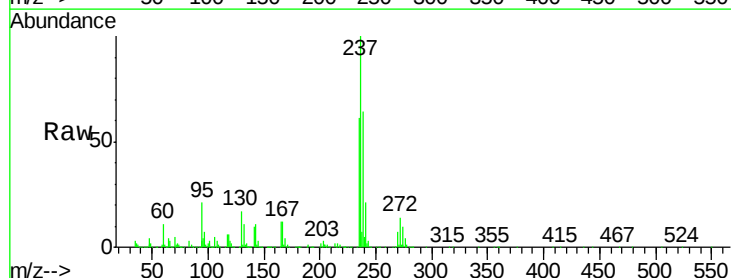
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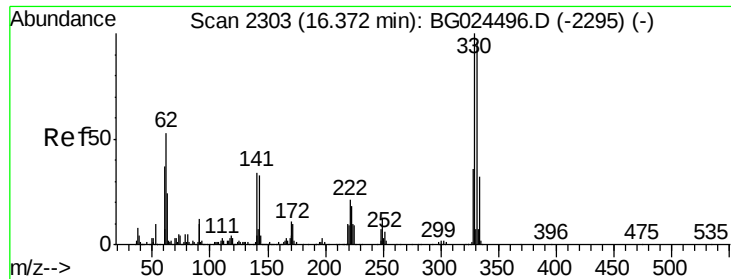
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#40
 Hexachlorocyclopentadiene
 Concen: 115.13 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	704898		
235	61.4	39.4	79.4	
272	14.2	0.0	32.0	





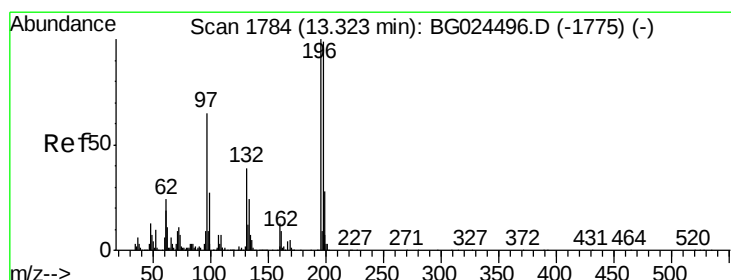
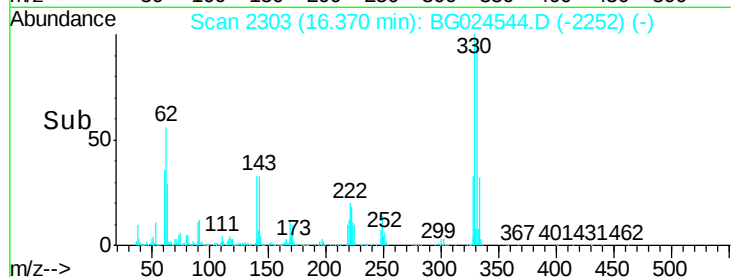
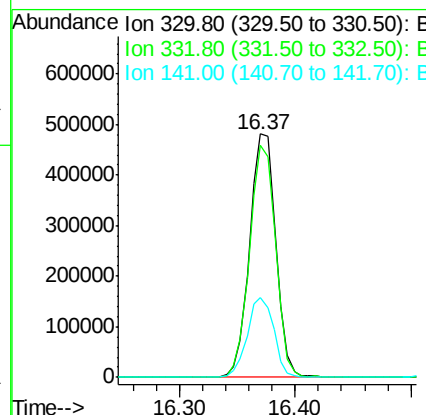
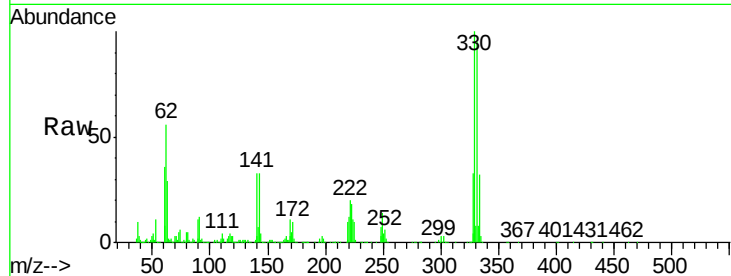
#41
 2,4,6-Tribromophenol
 Concen: 158.03 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	33.3	32.1	48.1

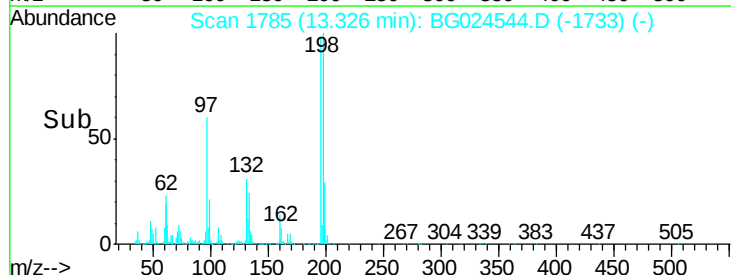
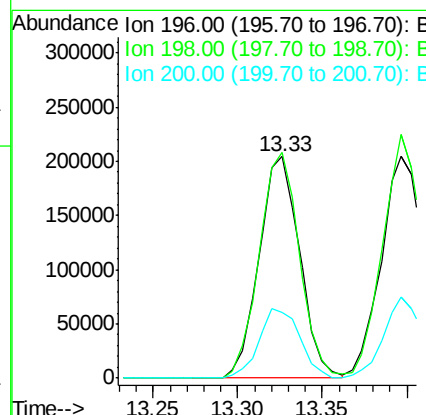
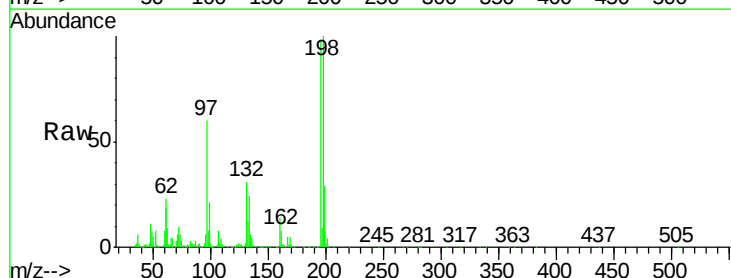
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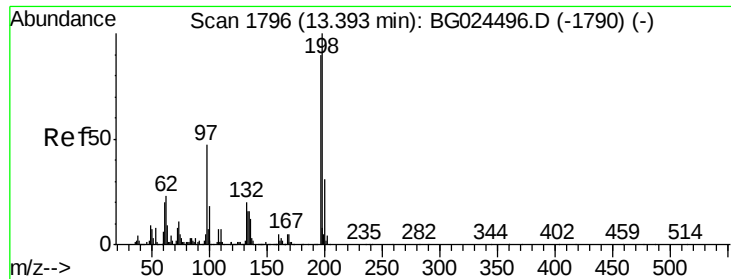
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#42
 2,4,6-Trichlorophenol
 Concen: 52.18 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.7	81.4	122.2
200	29.7	27.0	40.6





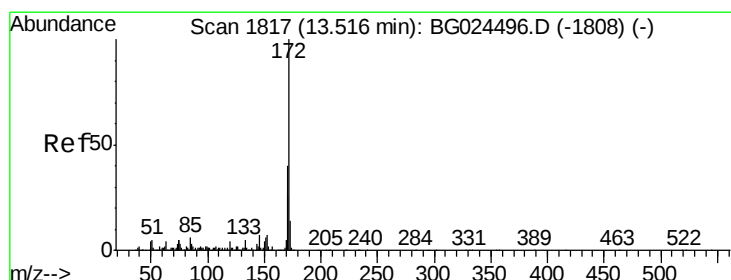
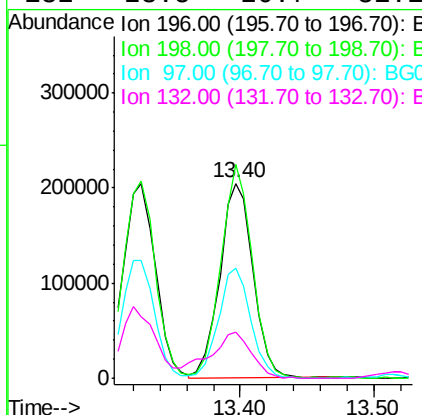
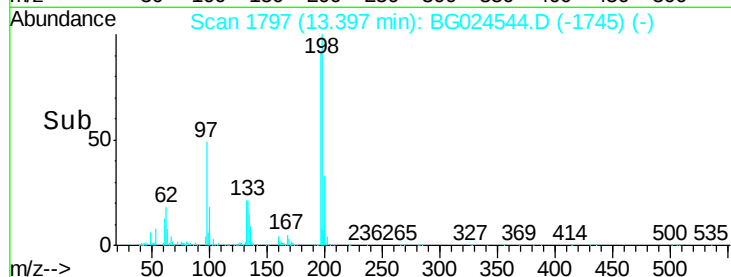
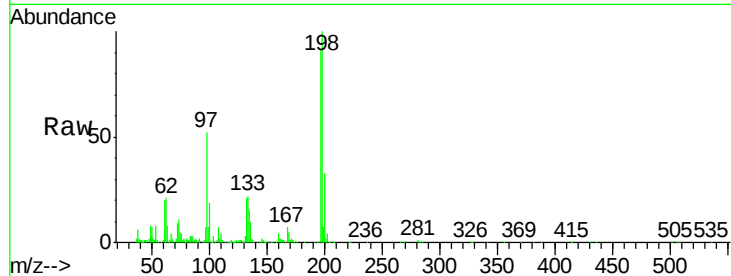
#43
 2,4,5-Trichlorophenol
 Concen: 50.42 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	356263		
198	109.6	79.9	119.9	
97	56.6	45.4	68.0	
132	23.5	20.7	31.1	

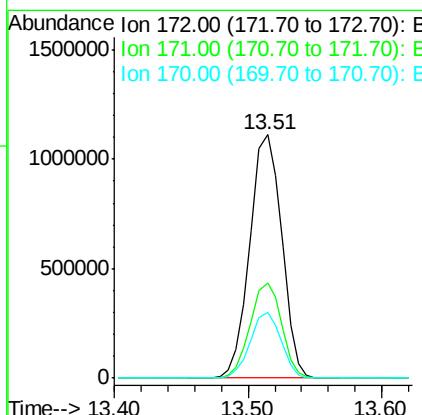
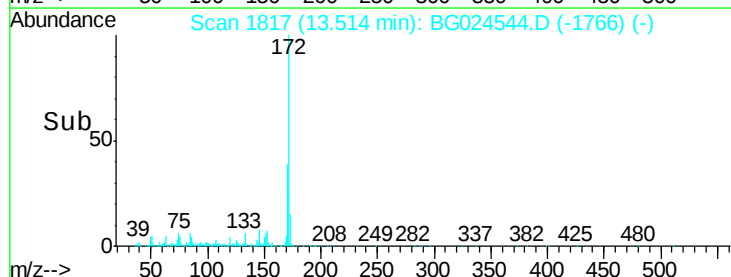
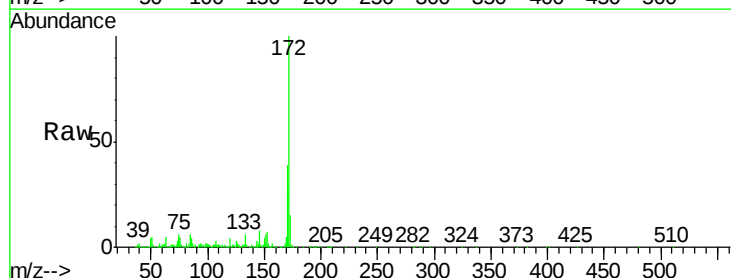
Manual Integrations
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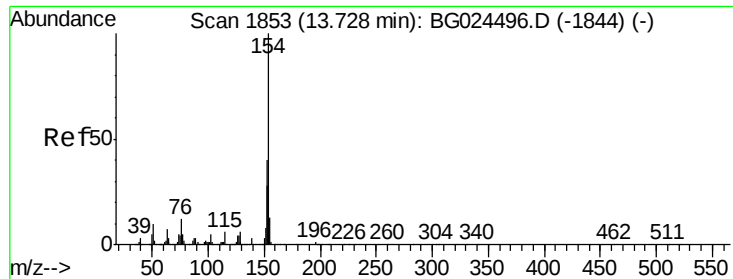
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#44
 2-Fluorobiphenyl
 Concen: 94.44 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1831618		
171	39.0	32.2	48.2	
170	26.8	21.8	32.6	





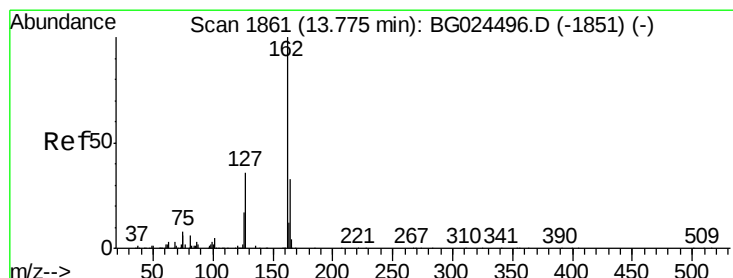
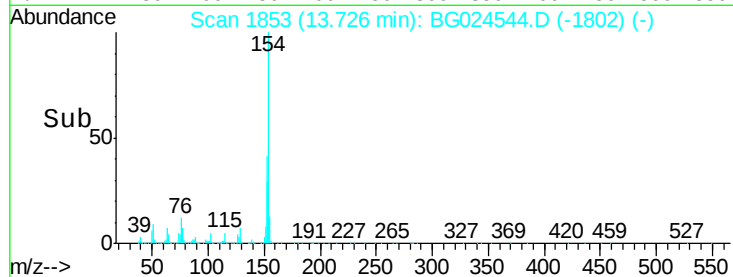
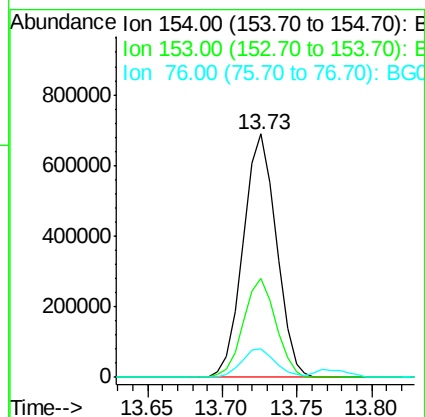
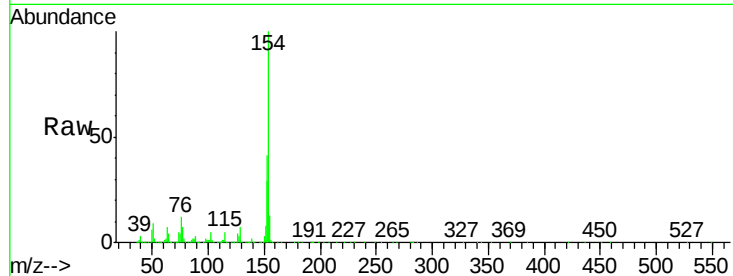
#45
 1,1'-Biphenyl
 Concen: 47.47 ng
 RT: 13.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.0	63.0
76	12.0	0.0	33.5

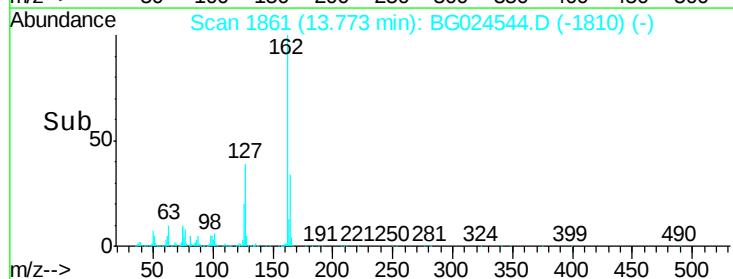
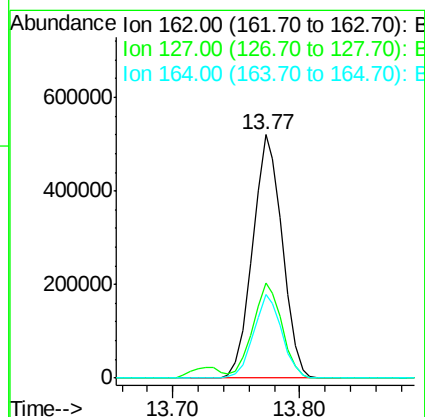
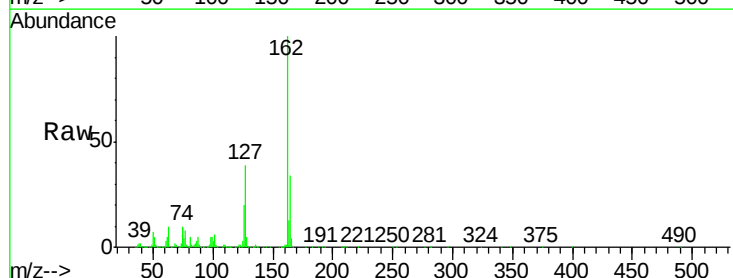
Manual Integrations
 APPROVED

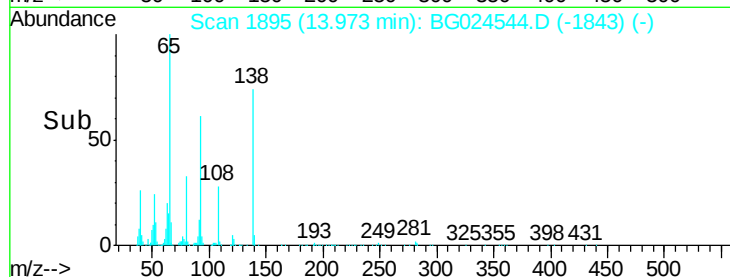
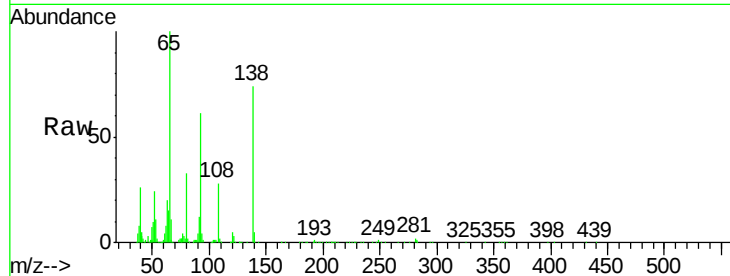
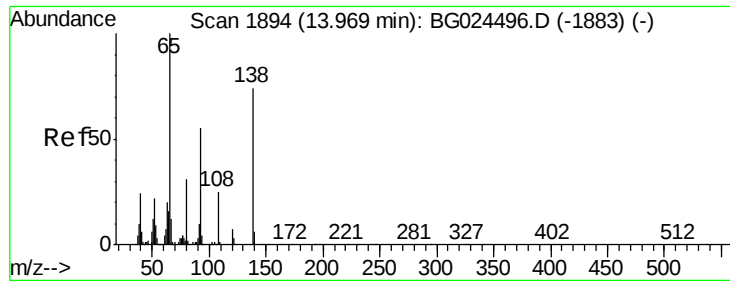
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#46
 2-Chloronaphthalene
 Concen: 49.44 ng
 RT: 13.77 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.2	48.4
164	34.2	27.3	40.9





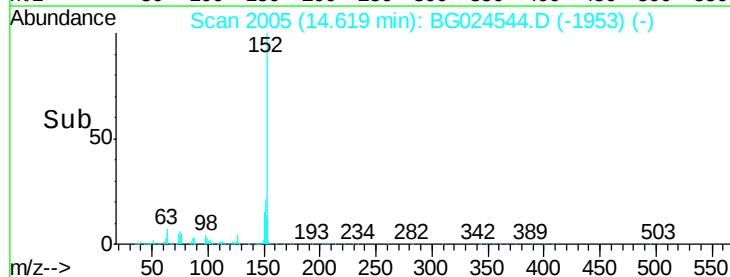
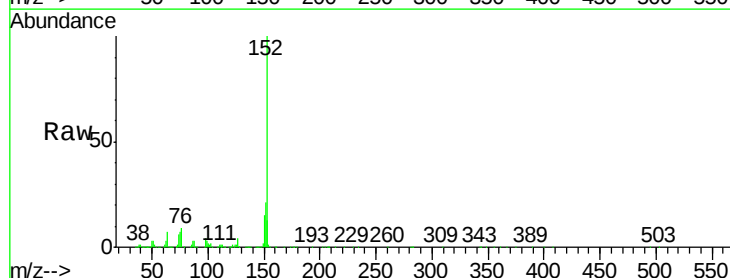
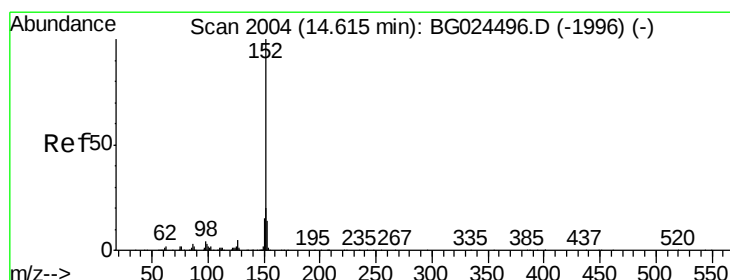
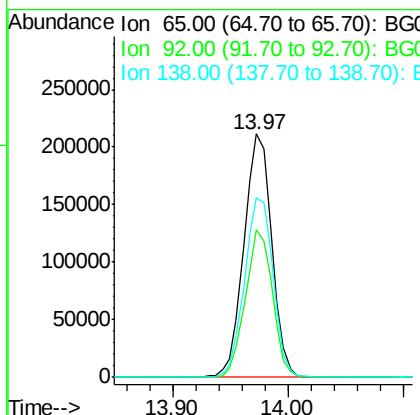
#47
2-Nitroaniline
Concen: 50.73 ng
RT: 13.97 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.6	49.0	73.4
138	73.6	58.6	87.8

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

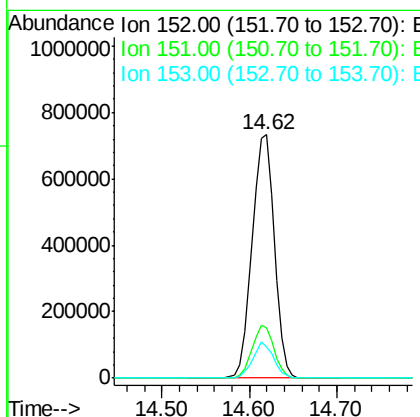
Manual Integrations
APPROVED

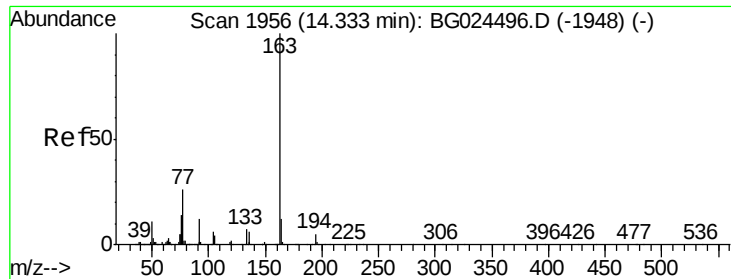
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#48
Acenaphthylene
Concen: 48.25 ng
RT: 14.62 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	18.2	27.2
153	12.8	11.3	16.9





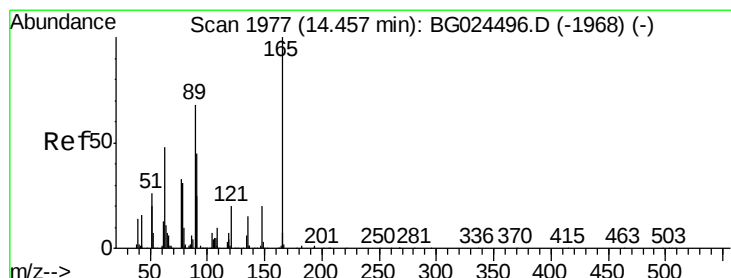
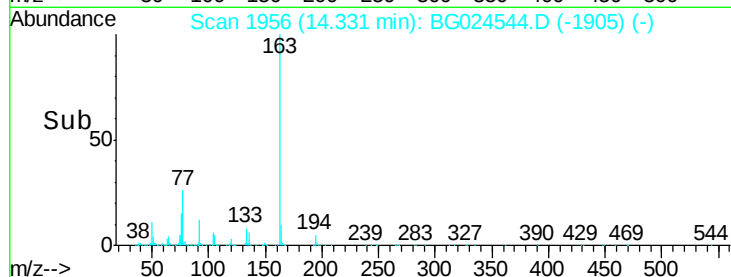
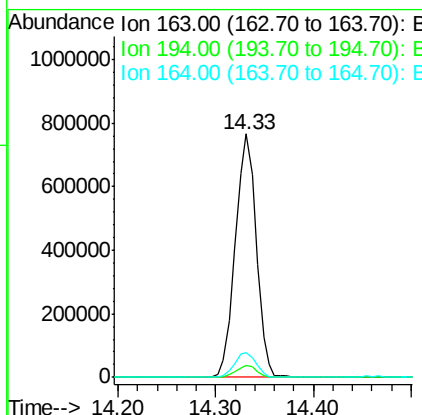
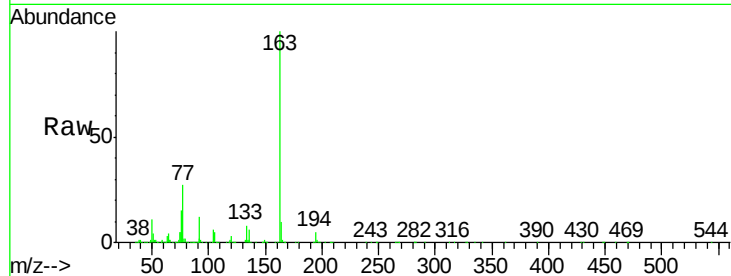
#49
Dimethylphthalate
Concen: 49.87 ng
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.6
164	10.4	9.3	13.9

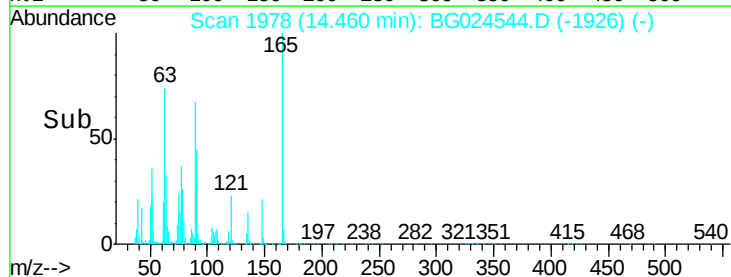
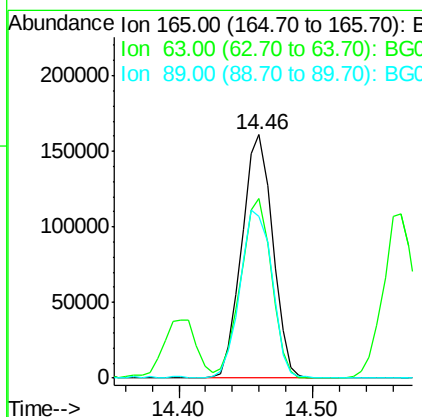
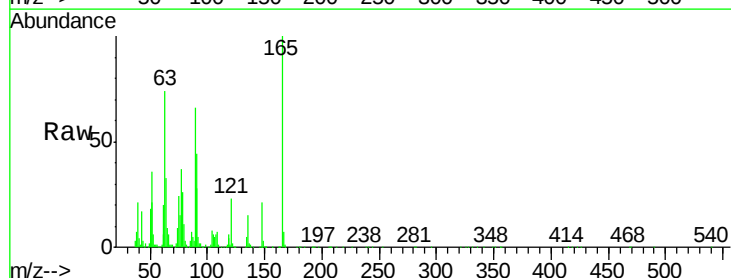
Manual Integrations
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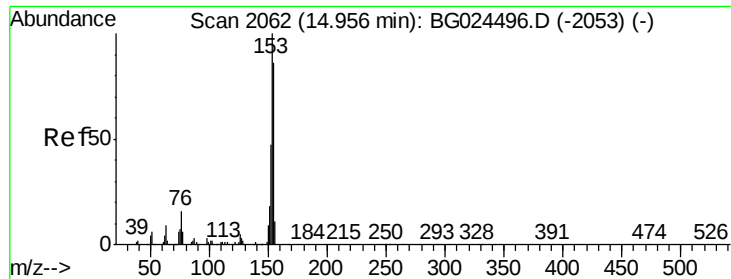
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#50
2,6-Dinitrotoluene
Concen: 52.68 ng
RT: 14.46 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.8	63.9	95.9
89	66.5	58.6	88.0





#51

Acenaphthene

Concen: 43.35 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

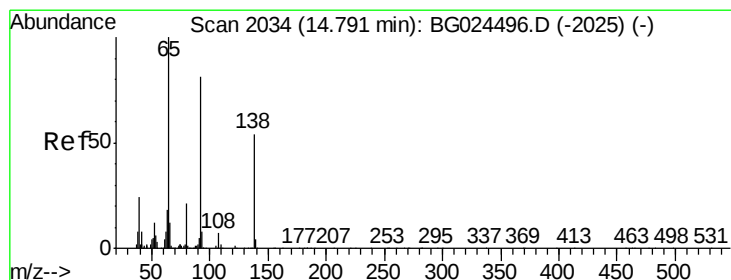
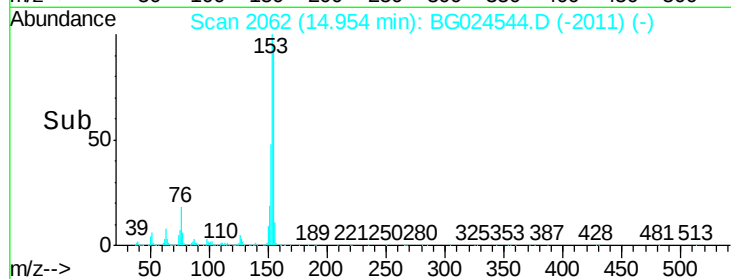
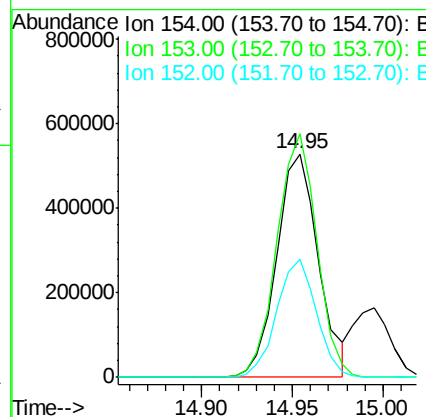
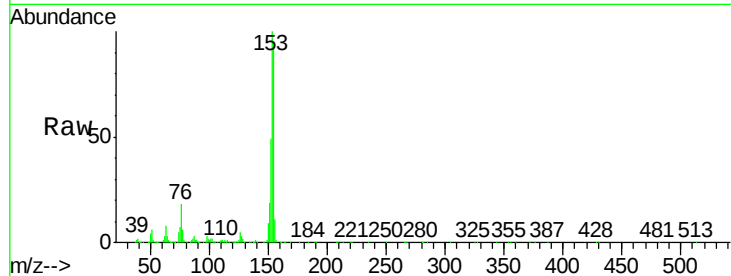
ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:	154	Resp:	844056
Ion Ratio	Lower	Upper	
154	100		
153	109.1	87.8	131.6
152	53.0	42.2	63.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 14.11 ng

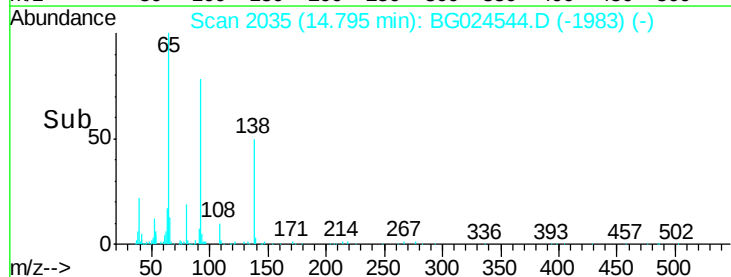
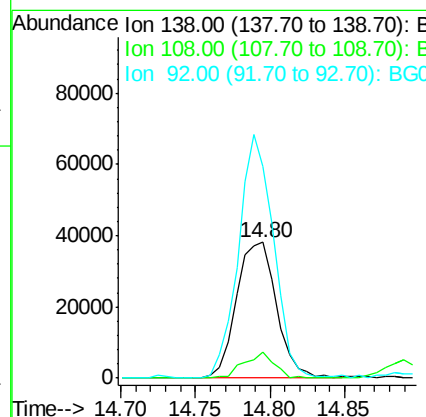
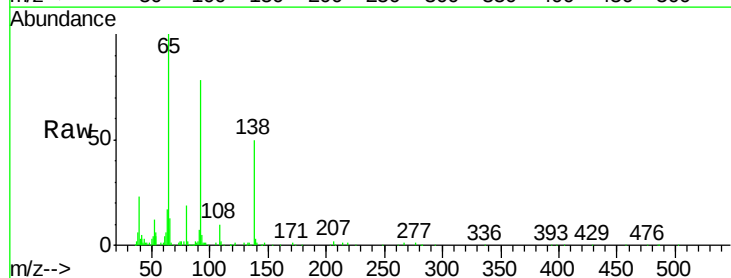
RT: 14.80 min Scan# 2035

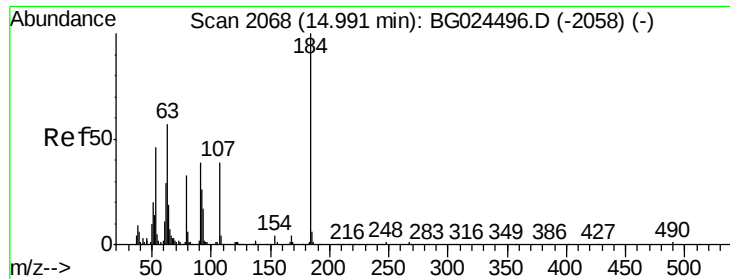
Delta R.T. 0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:	138	Resp:	71320
Ion Ratio	Lower	Upper	
138	100		
108	19.5	10.9	16.3#
92	155.9	115.3	172.9





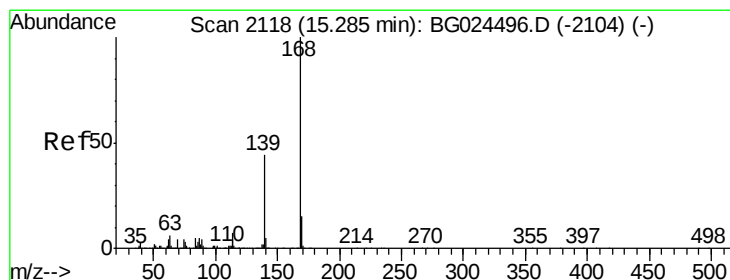
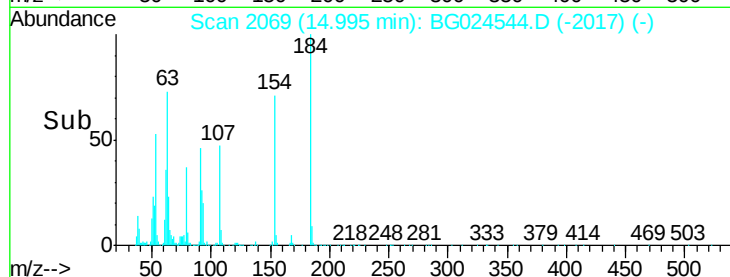
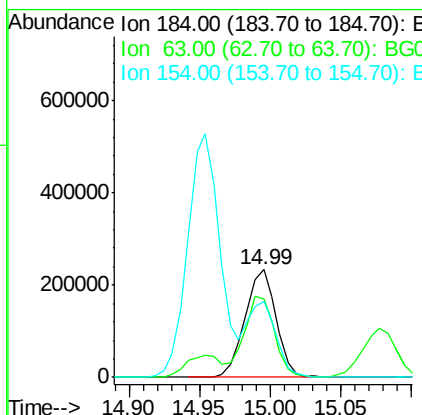
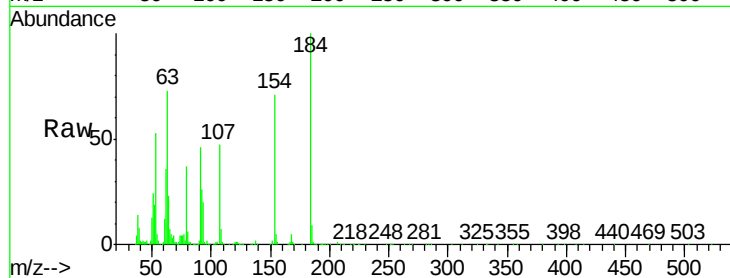
#53
2,4-Dinitrophenol
Concen: 102.27 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.0	52.7	79.1
154	71.3	57.3	85.9

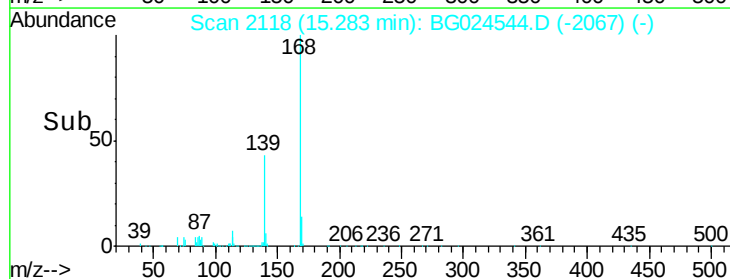
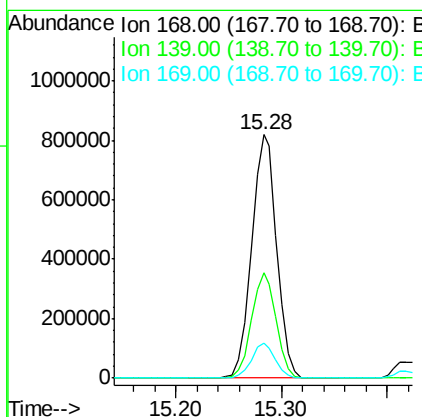
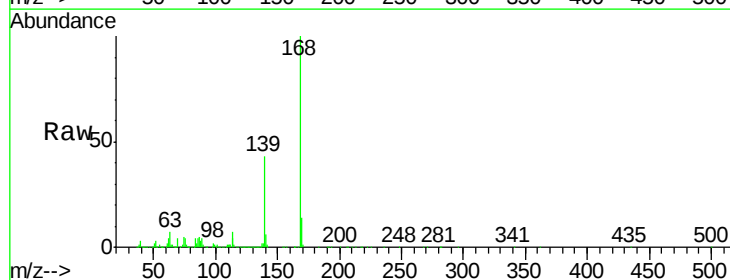
Manual Integrations
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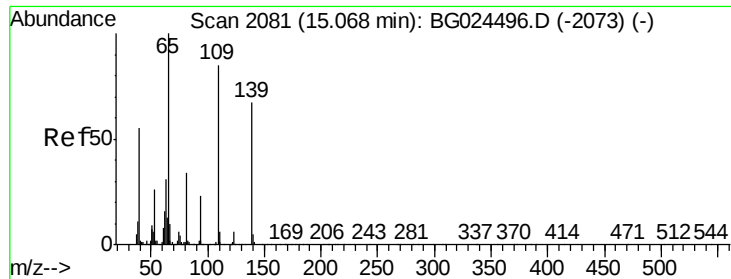
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#54
Dibenzofuran
Concen: 49.96 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.2	35.3	52.9
169	14.4	11.5	17.3





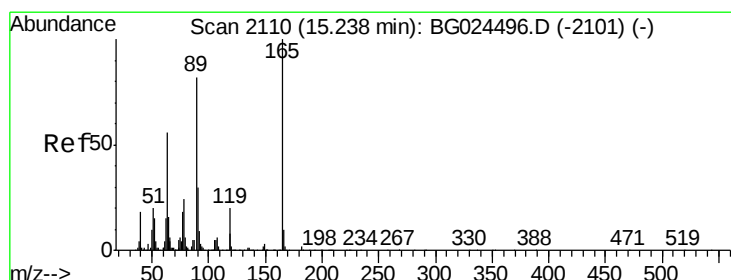
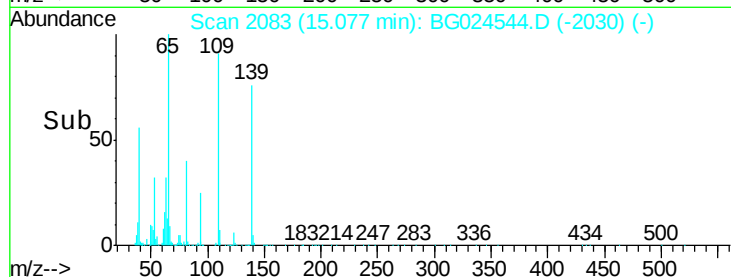
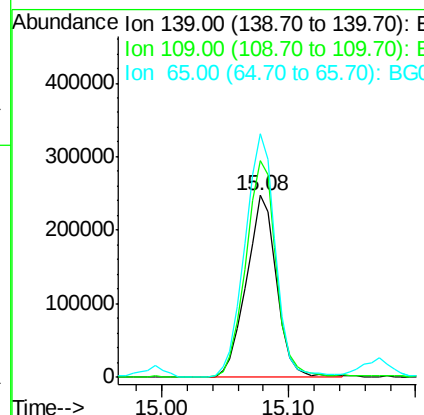
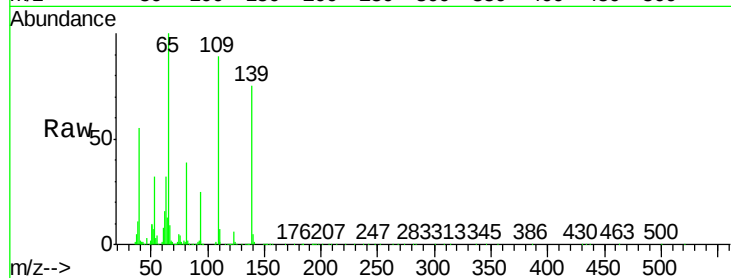
#55
4-Nitrophenol
Concen: 92.97 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	119.4	101.2	141.2	
65	134.0	135.3	175.3	

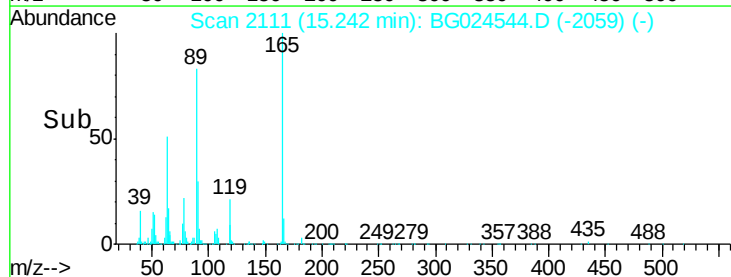
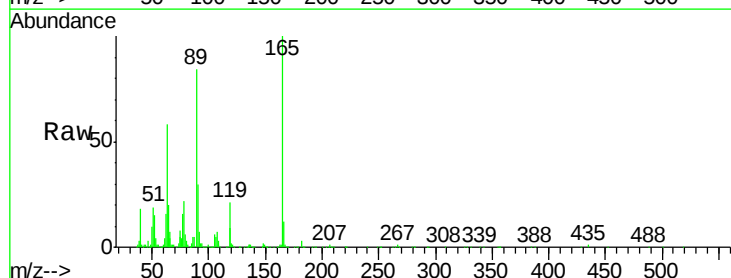
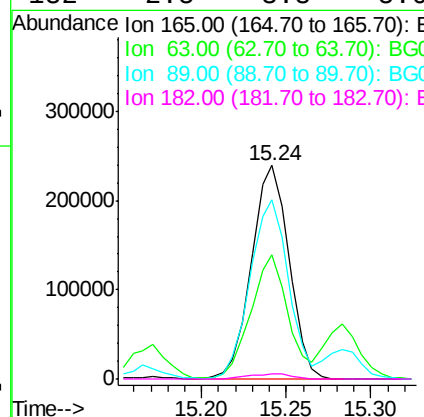
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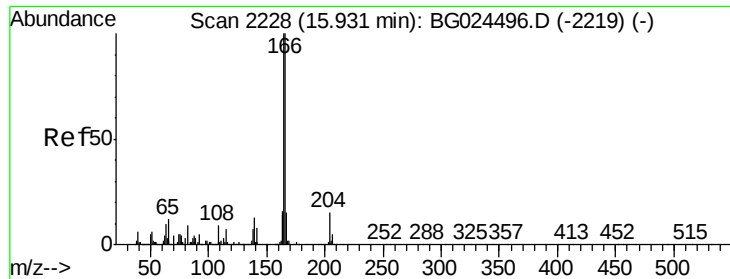
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#56
2,4-Dinitrotoluene
Concen: 52.26 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.4	44.0	66.0	
89	84.0	67.3	100.9	
182	2.5	3.8	5.6	





#57

Fluorene

Concen: 49.15 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:166 Resp: 1097328

Ion Ratio Lower Upper

166 100

165 96.2 78.6 117.8

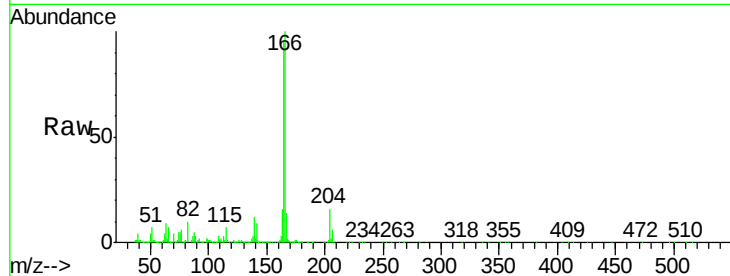
167 13.6 11.6 17.4

Manual Integrations

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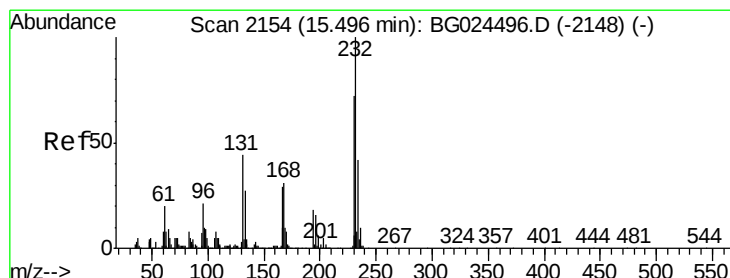
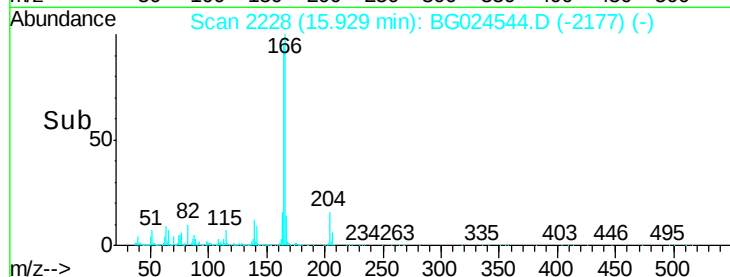
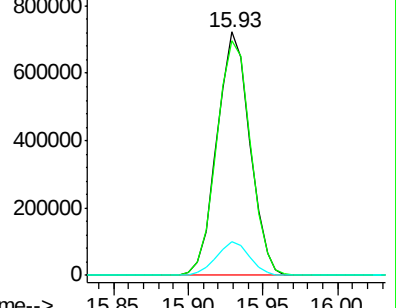
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.36 ng

RT: 15.50 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:232 Resp: 383537

Ion Ratio Lower Upper

232 100

131 39.1 34.9 52.3

130 2.8 2.3 3.5

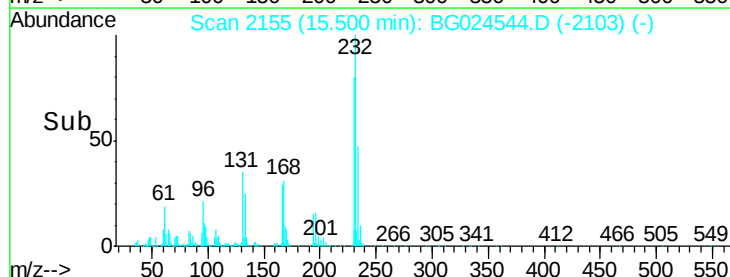
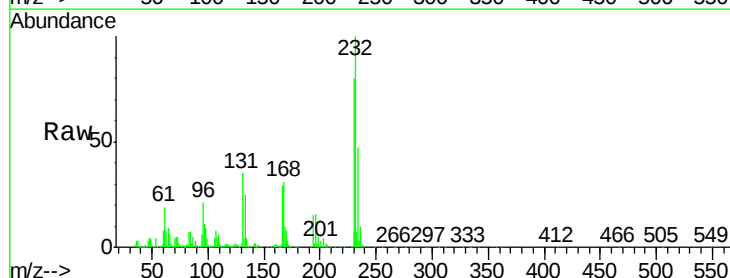
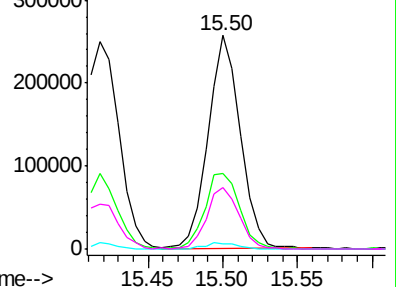
166 29.3 24.2 36.4

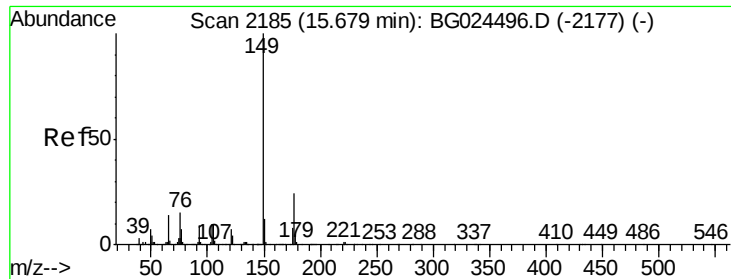
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





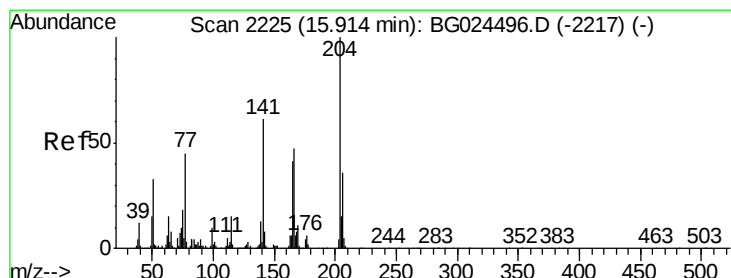
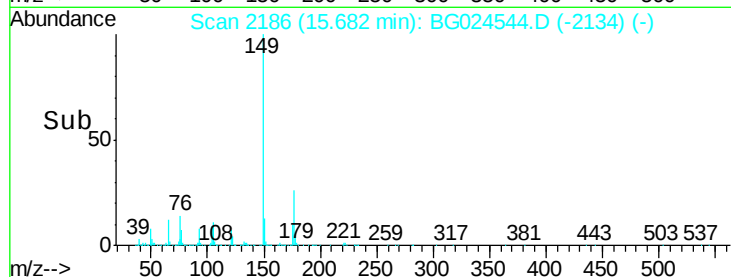
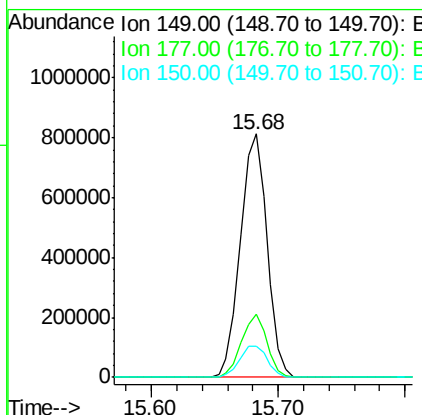
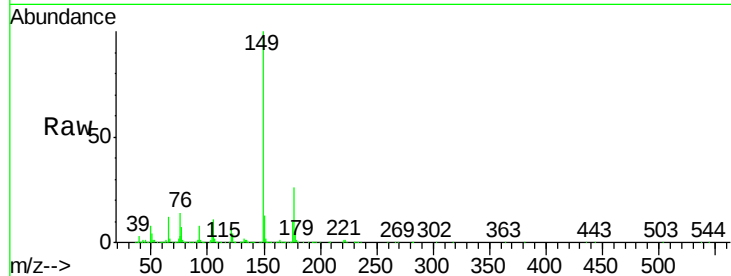
#59
Diethylphthalate
Concen: 49.33 ng
RT: 15.68 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.1	30.1
150	12.8	10.2	15.2

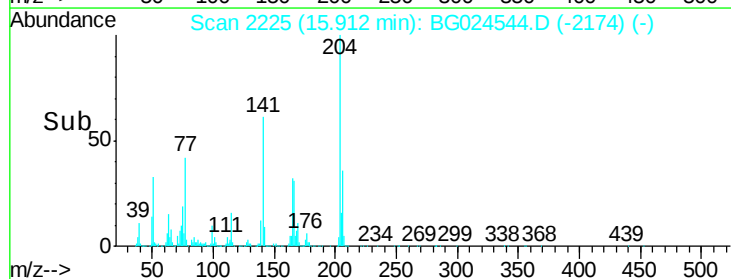
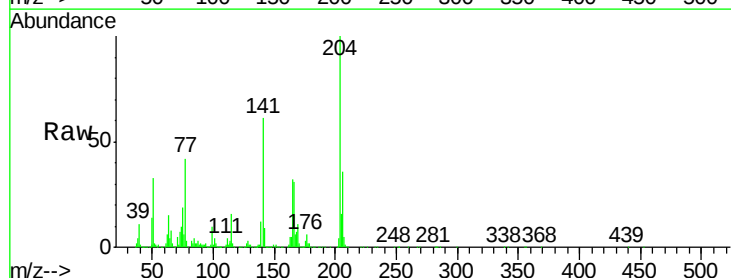
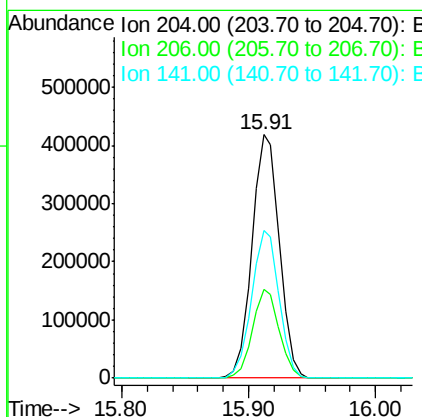
Manual Integrations
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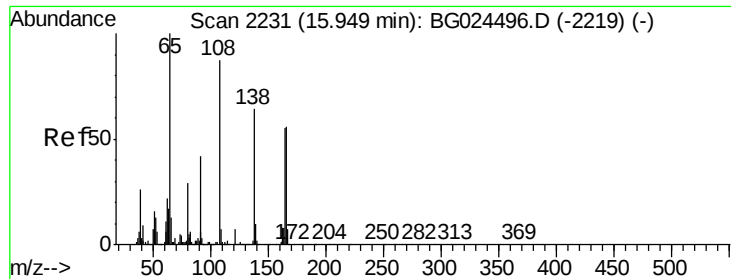
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#60
4-Chlorophenyl-phenylether
Concen: 50.18 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.2	30.1	45.1
141	60.7	50.6	76.0





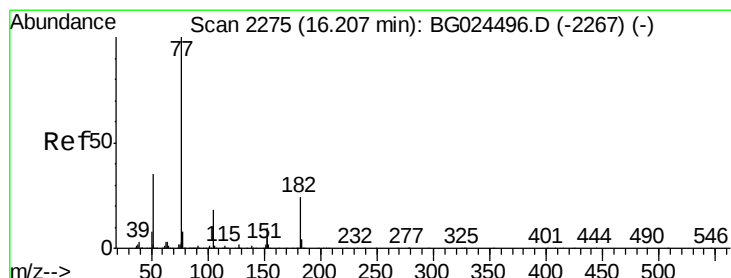
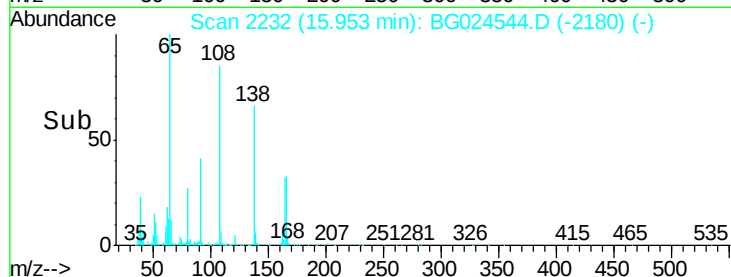
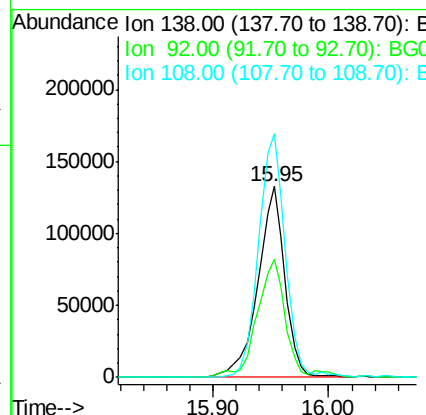
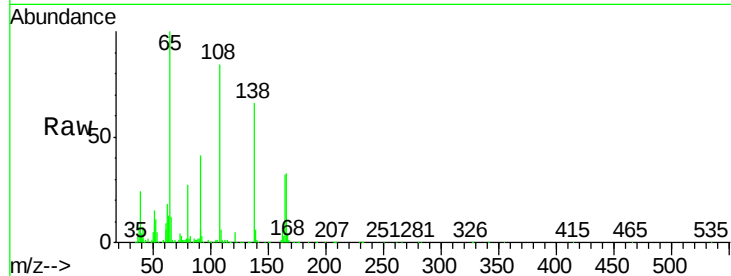
#61
4-Nitroaniline
Concen: 39.05 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.1	44.2	84.2
108	127.7	104.8	144.8

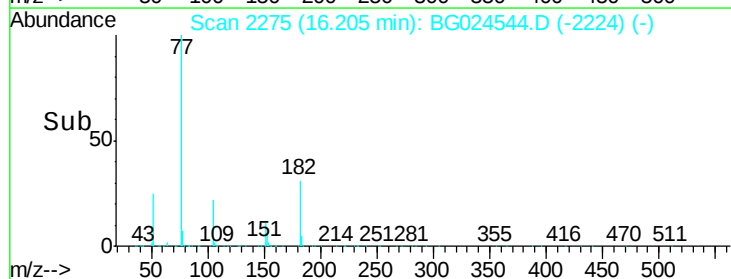
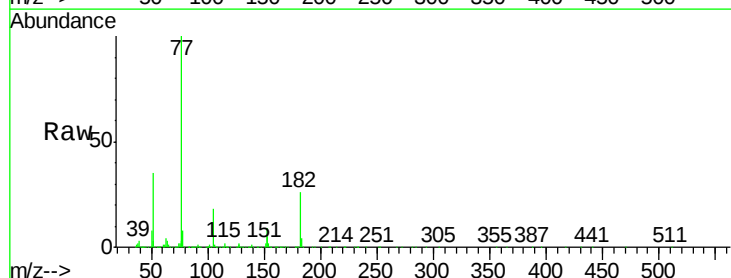
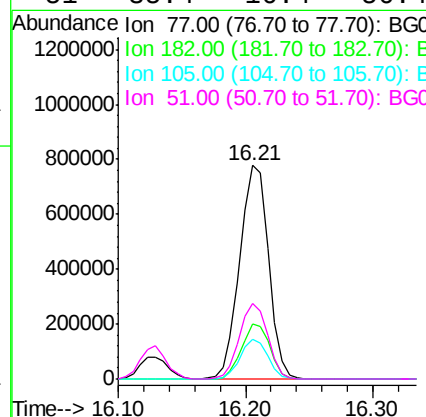
Manual Integrations
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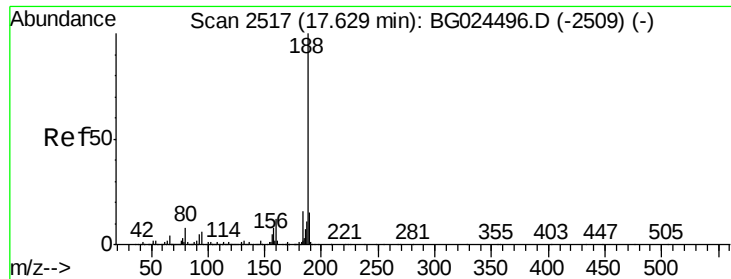
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#62
Azobenzene
Concen: 51.02 ng
RT: 16.21 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.7	44.7
105	18.5	0.0	36.3
51	35.4	16.4	56.4





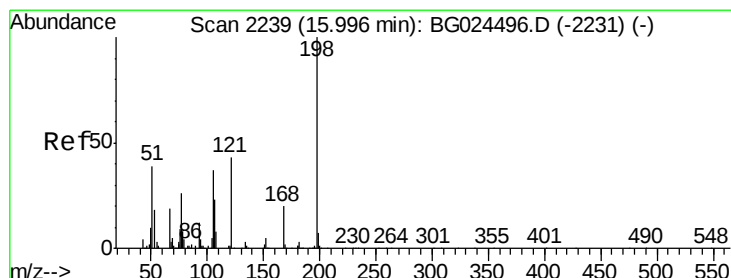
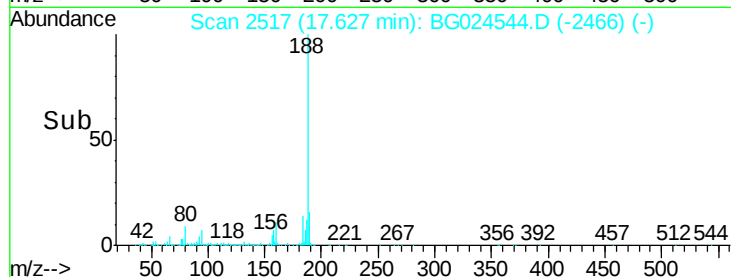
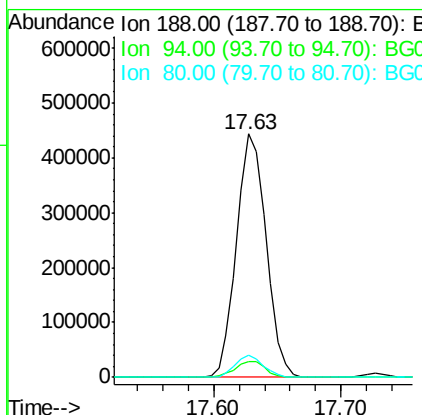
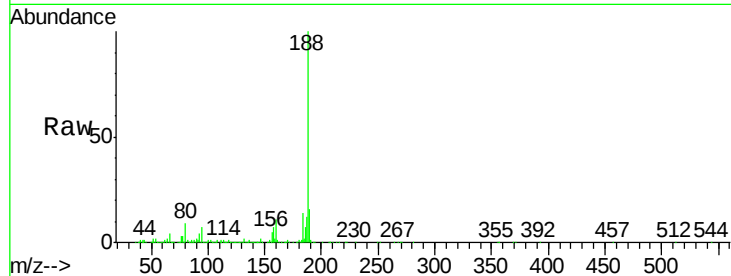
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	718877		
94	6.5		5.8	8.8
80	9.1		7.5	11.3

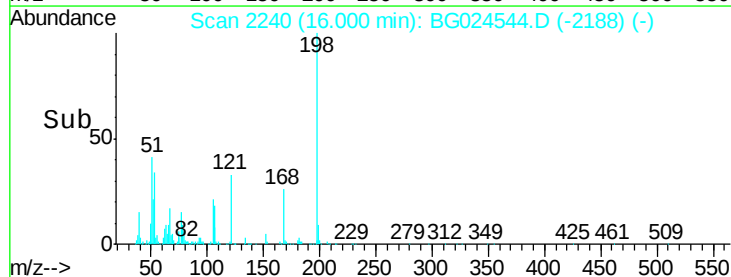
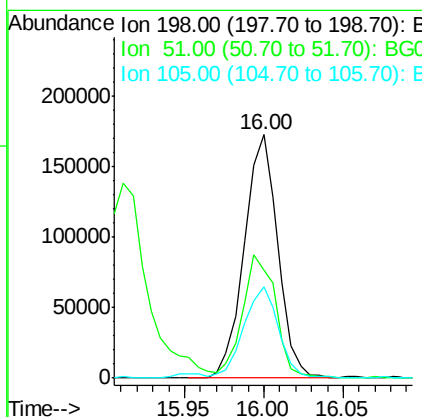
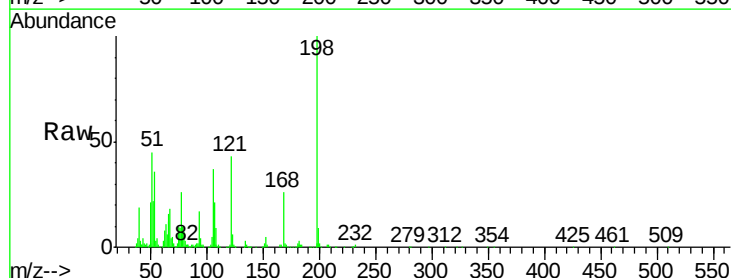
Manual Integrations
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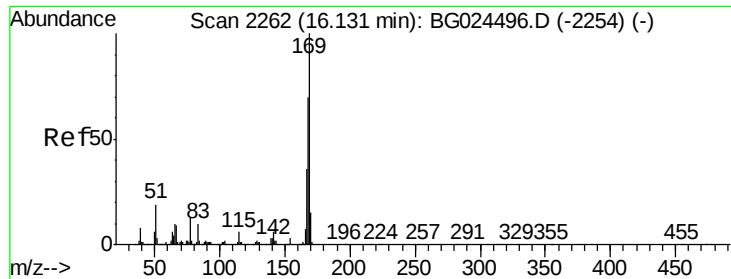
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#64
4,6-Dinitro-2-methylphenol
Concen: 51.13 ng
RT: 16.00 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	253239		
51	44.6		22.6	62.6
105	37.4		14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 47.76 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

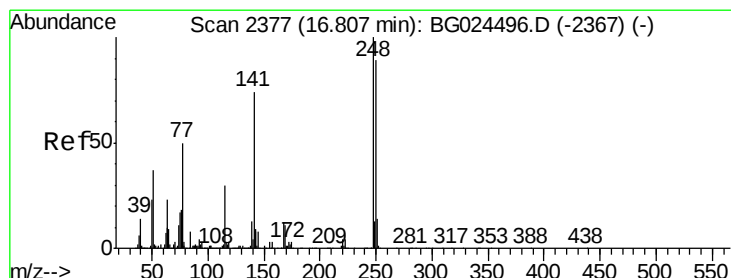
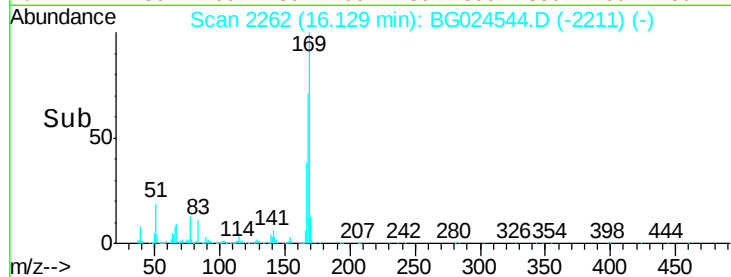
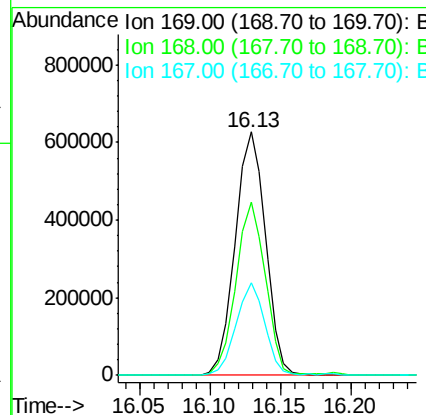
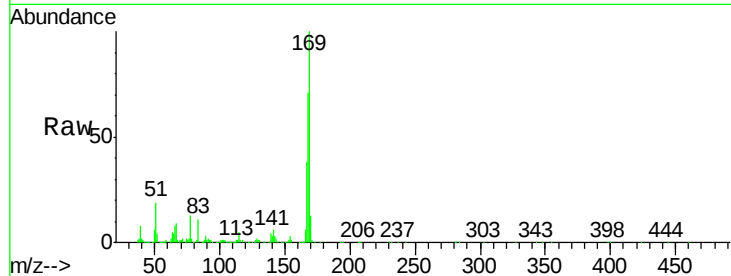
ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:	169	Resp:	938644
Ion Ratio	Lower	Upper	
169	100		
168	71.1	55.7	83.5
167	37.9	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 51.41 ng

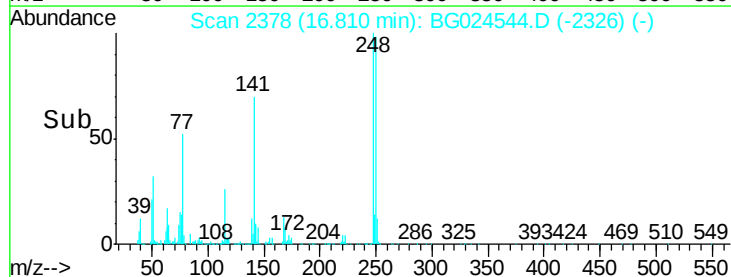
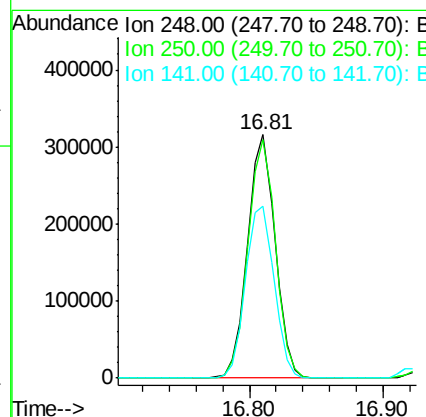
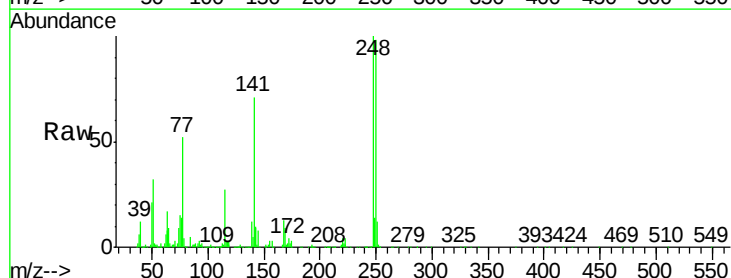
RT: 16.81 min Scan# 2378

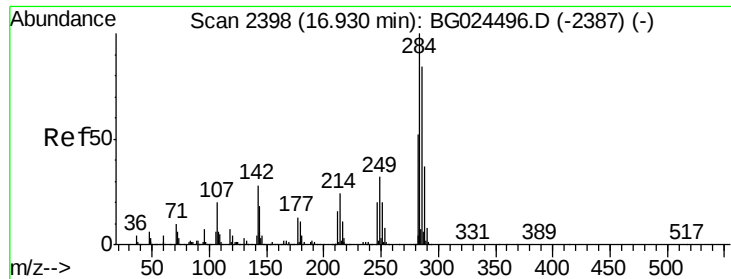
Delta R.T. 0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:	248	Resp:	448666
Ion Ratio	Lower	Upper	
248	100		
250	97.7	75.0	112.6
141	70.6	55.2	82.8





#67

Hexachlorobenzene

Concen: 51.86 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

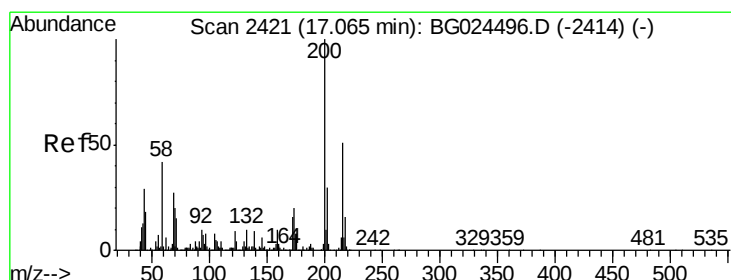
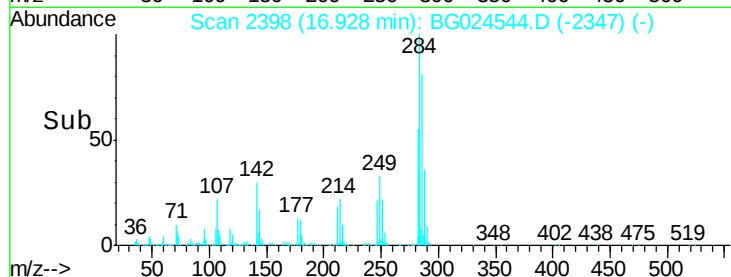
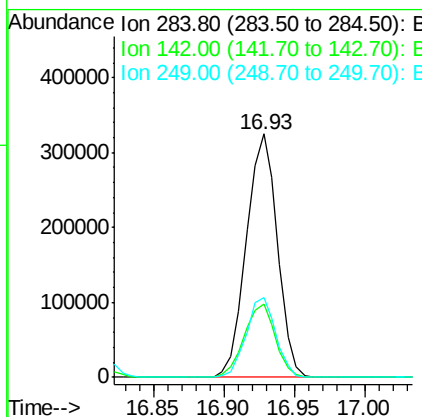
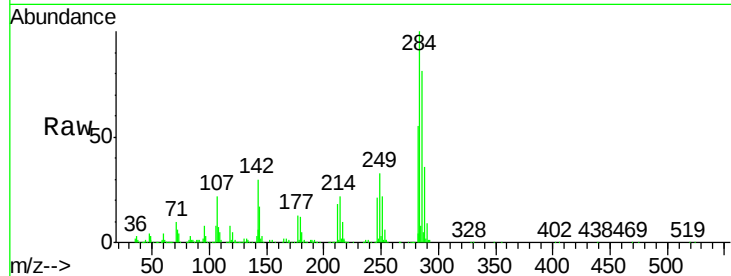
ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:	284	Resp:	500076
Ion Ratio	Lower	Upper	
284	100		
142	30.0	29.9	44.9
249	32.9	29.2	43.8

Manual Integrations
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#68

Atrazine

Concen: 29.81 ng

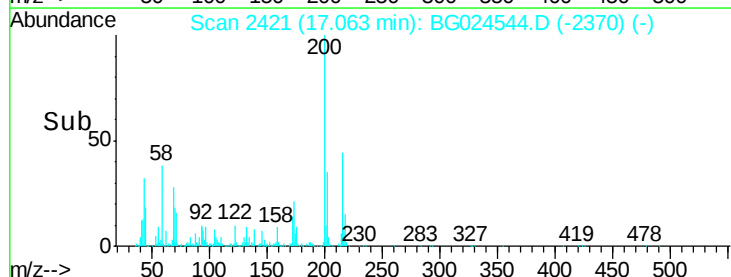
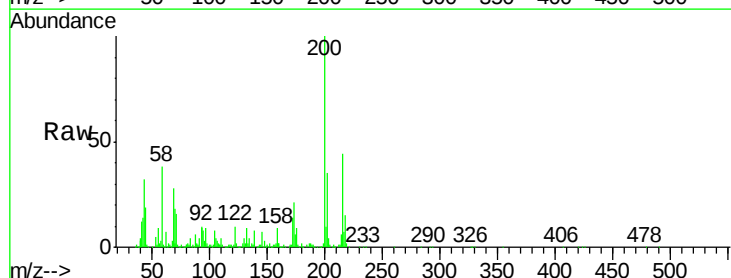
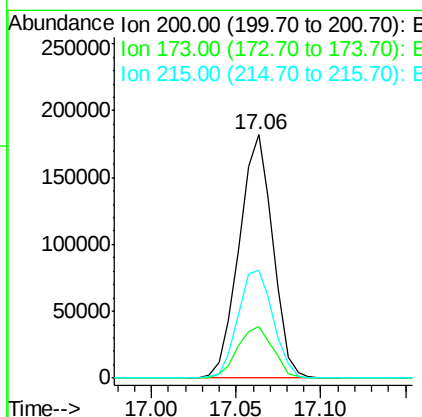
RT: 17.06 min Scan# 2421

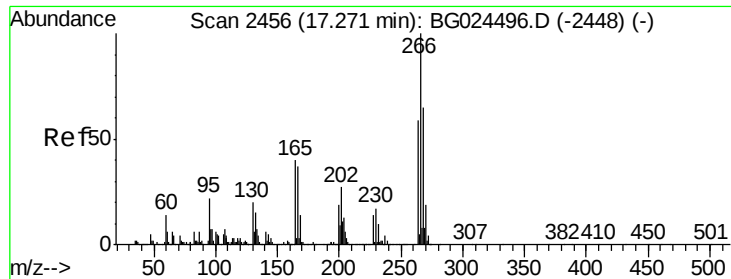
Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:	200	Resp:	251277
Ion Ratio	Lower	Upper	
200	100		
173	21.2	3.0	43.0
215	44.1	28.4	68.4





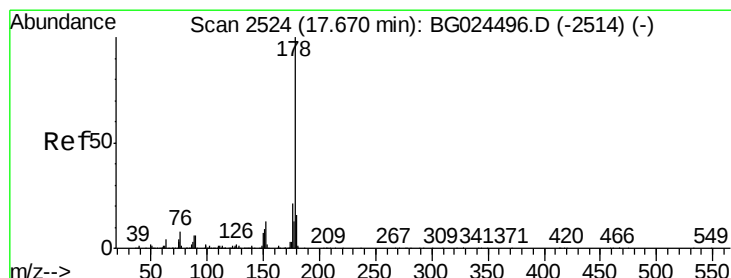
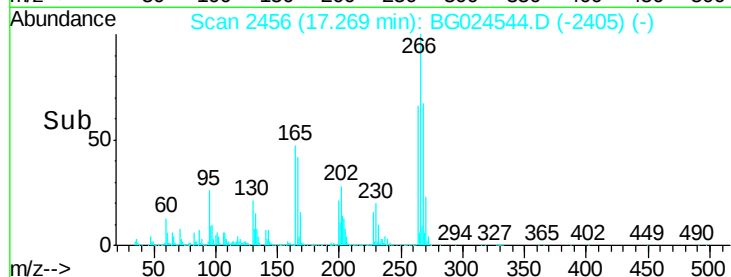
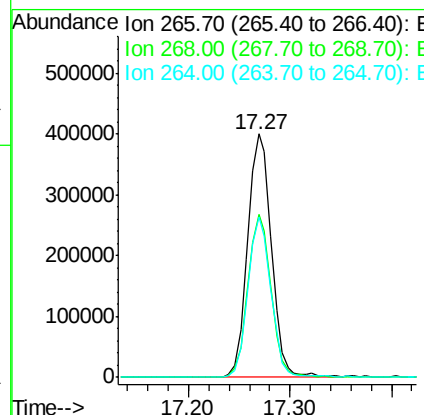
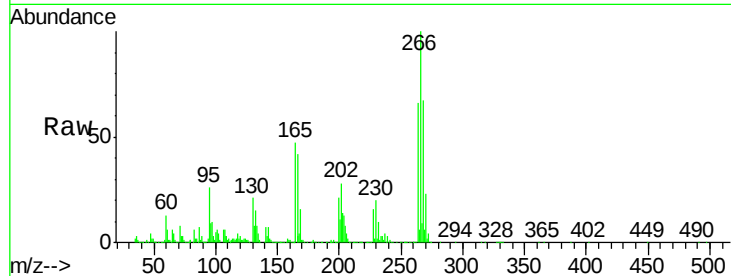
#69
 Pentachlorophenol
 Concen: 102.18 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	650146		
268	67.1	48.6	72.8	
264	66.1	50.1	75.1	

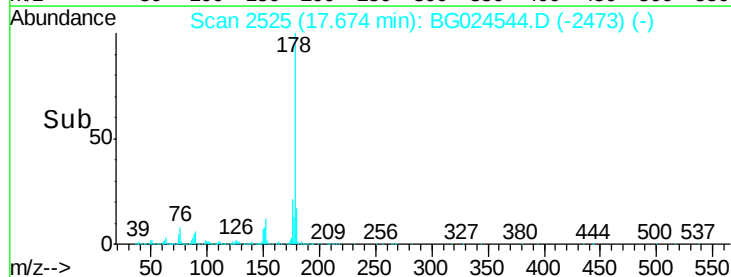
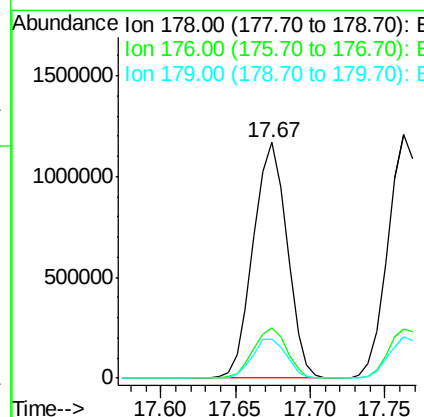
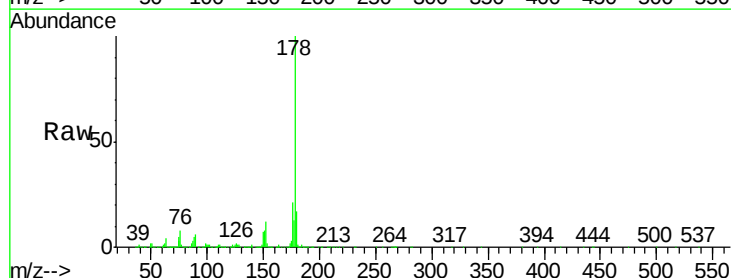
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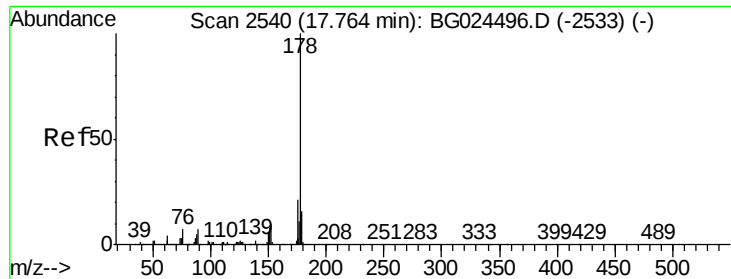
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#70
 Phenanthrene
 Concen: 50.17 ng
 RT: 17.67 min Scan# 2525
 Delta R.T. 0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1838294		
176	21.2	17.7	26.5	
179	16.7	15.0	22.6	





#71

Anthracene

Concen: 51.12 ng

RT: 17.76 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:178 Resp: 1889847

Ion Ratio Lower Upper

178 100

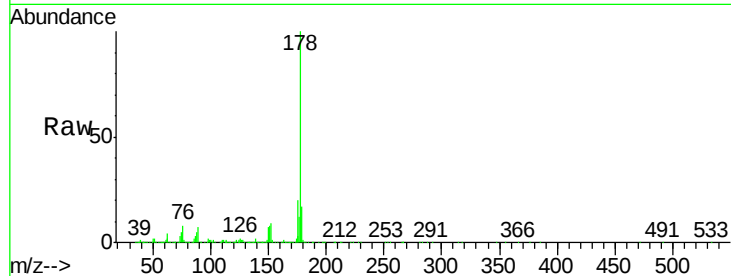
176 20.2 16.4 24.6

179 17.1 13.8 20.8

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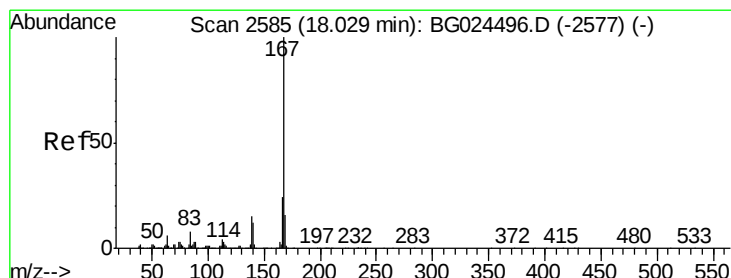
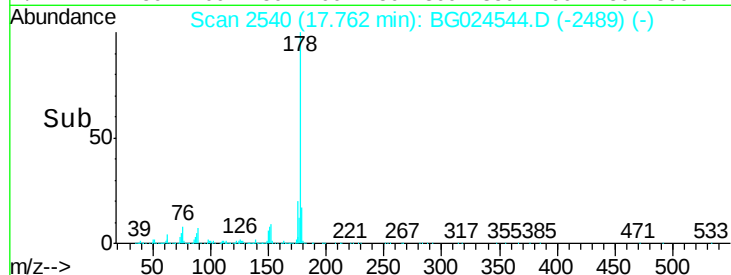
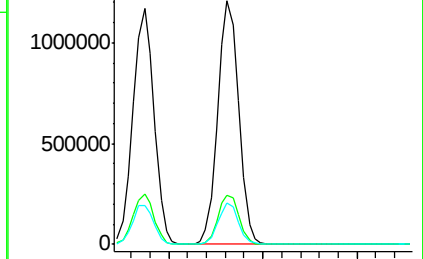
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.55 ng

RT: 18.03 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

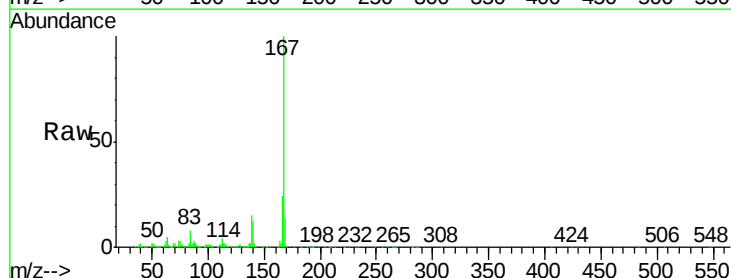
Tgt Ion:167 Resp: 1535533

Ion Ratio Lower Upper

167 100

166 24.2 20.2 30.2

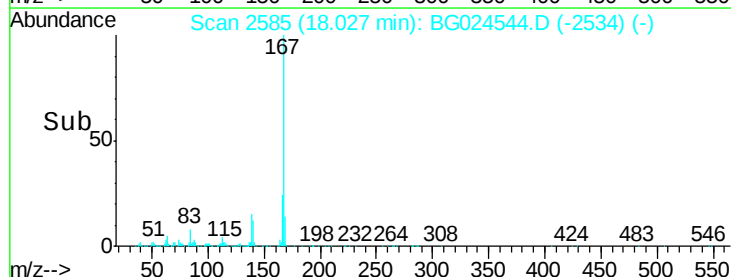
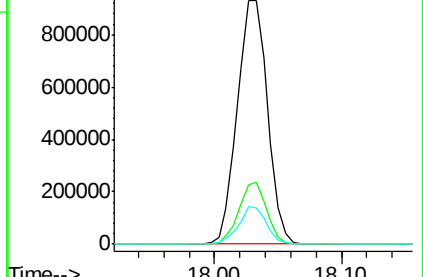
139 15.4 12.8 19.2

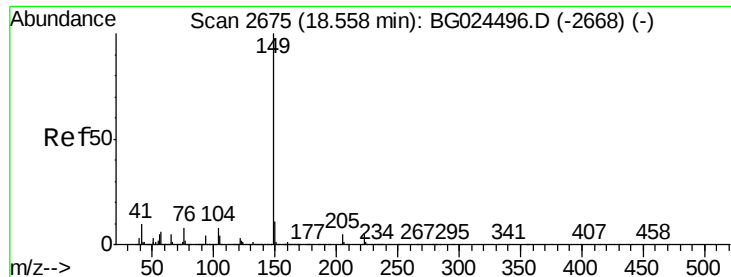


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.92 ng

RT: 18.56 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

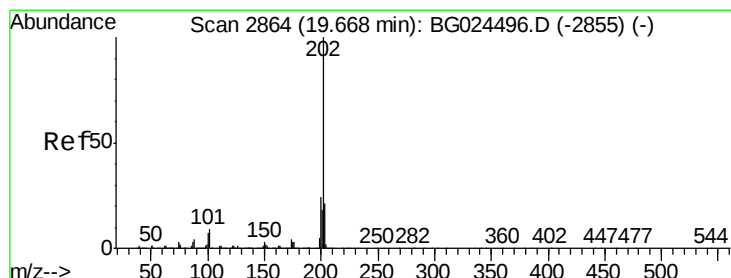
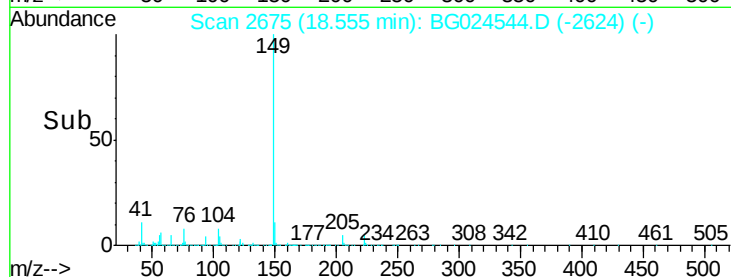
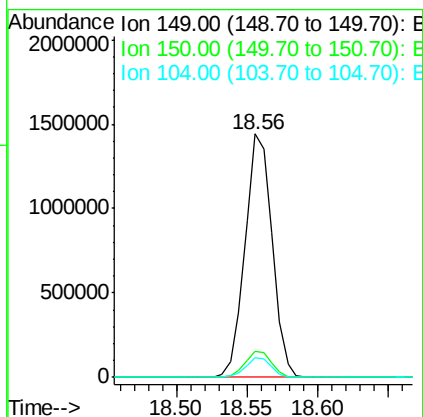
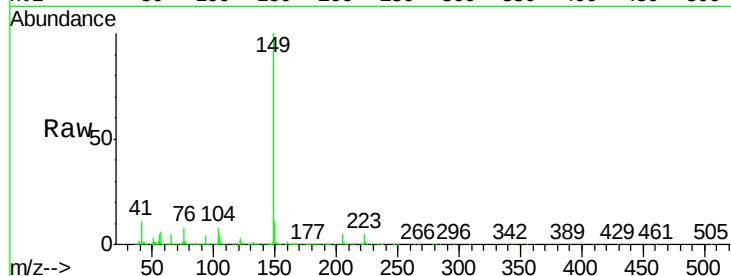
ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:	149	Resp:	1940632
Ion Ratio	Lower	Upper	
149	100		
150	10.5	9.1	13.7
104	8.0	6.7	10.1

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#74

Fluoranthene

Concen: 50.33 ng

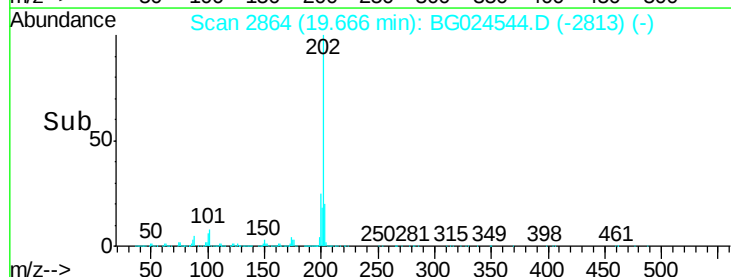
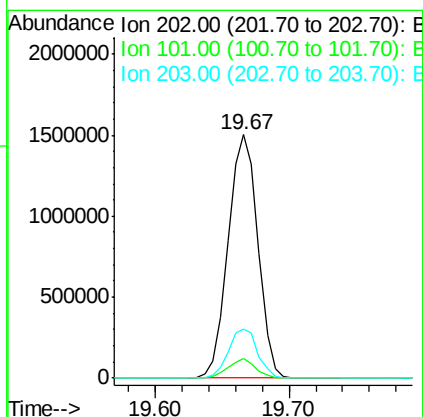
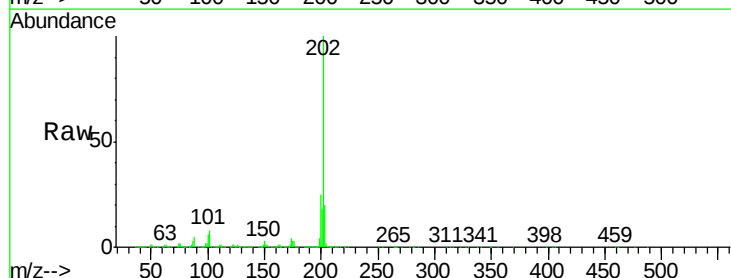
RT: 19.67 min Scan# 2864

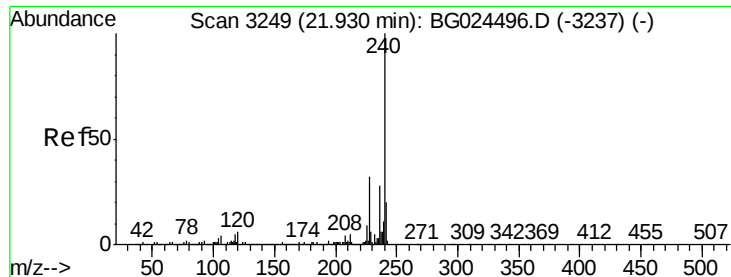
Delta R.T. -0.00 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:	202	Resp:	2331293
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	30.1
203	20.1	1.3	41.3





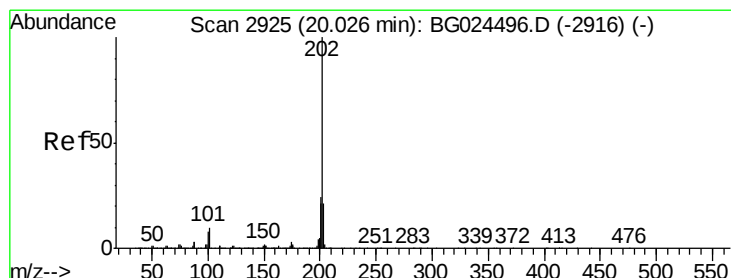
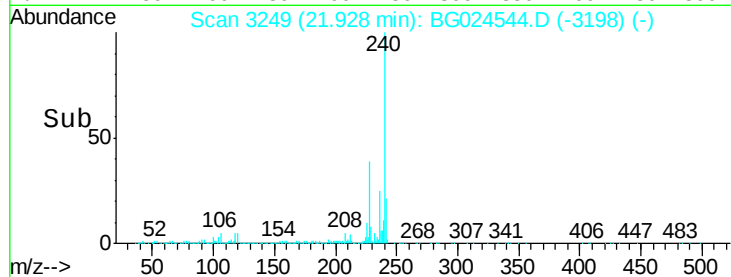
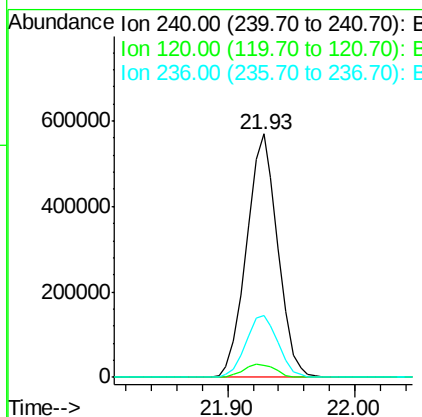
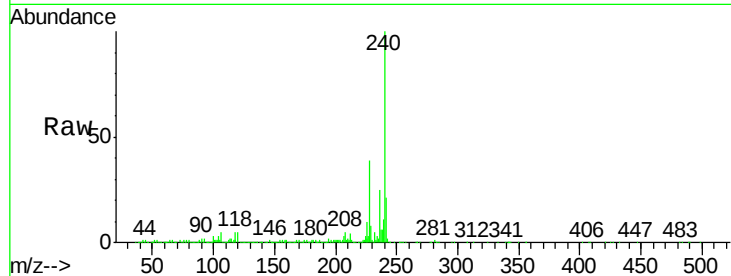
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.93 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.7	8.5#
236	25.3	22.2	33.4

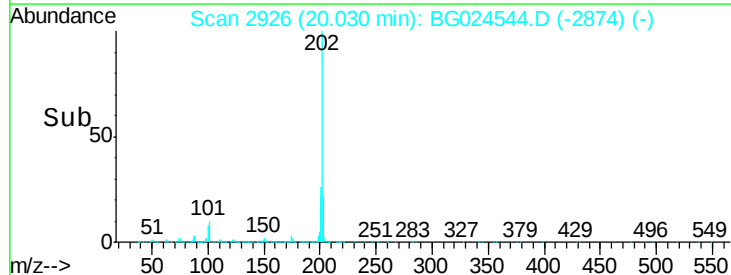
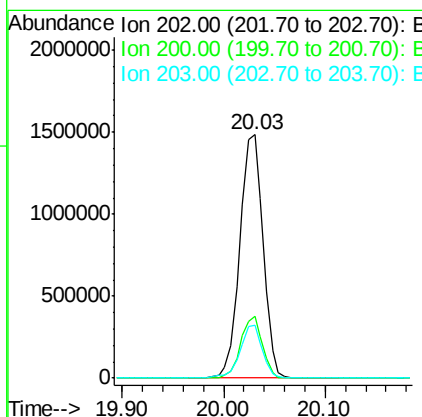
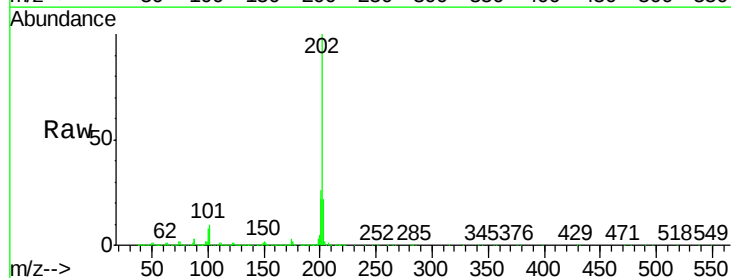
Manual Integrations
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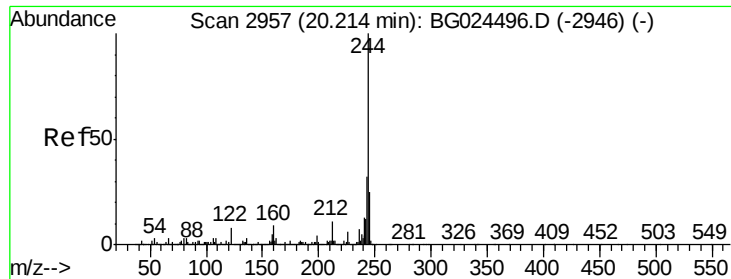
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#77
 Pyrene
 Concen: 49.80 ng
 RT: 20.03 min Scan# 2926
 Delta R.T. 0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.5	19.6	29.4
203	21.5	15.8	23.8





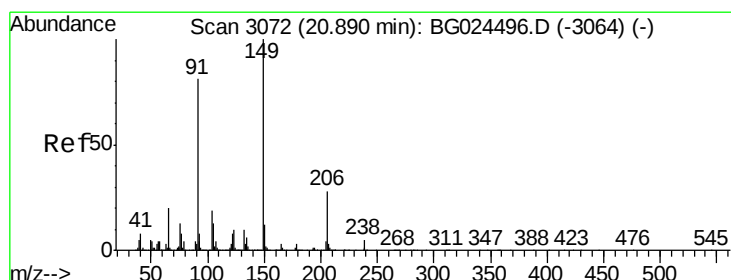
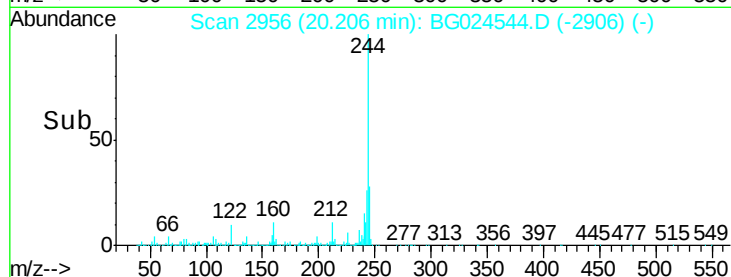
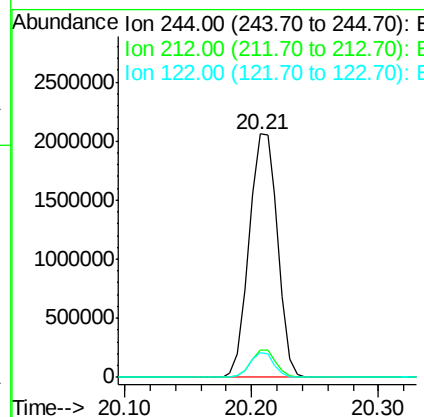
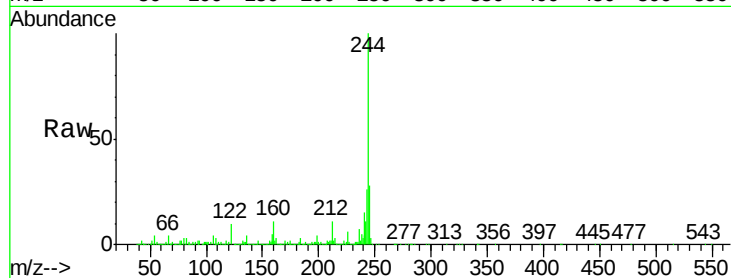
#78
 Terphenyl-d14
 Concen: 98.57 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.5	10.0	15.0
122	10.0	8.6	12.8

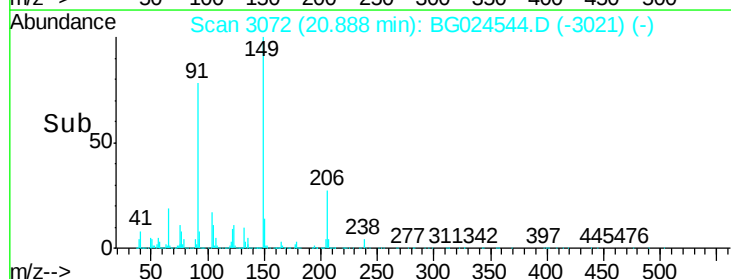
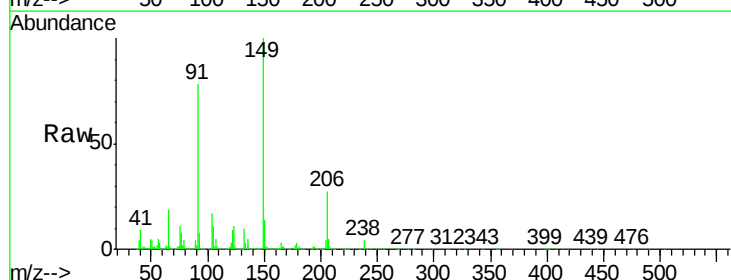
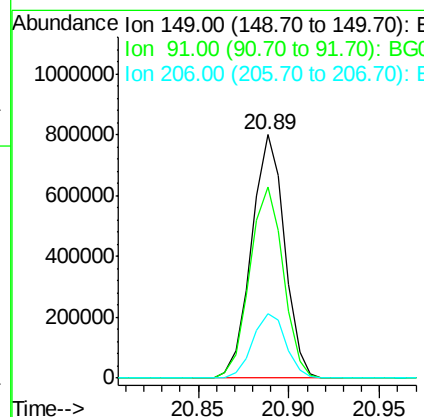
Manual Integrations
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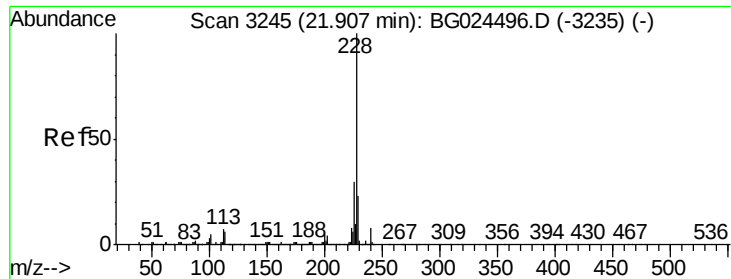
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#79
 Butylbenzylphthalate
 Concen: 51.31 ng
 RT: 20.89 min Scan# 3072
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.4	63.5	95.3
206	26.7	21.0	31.6





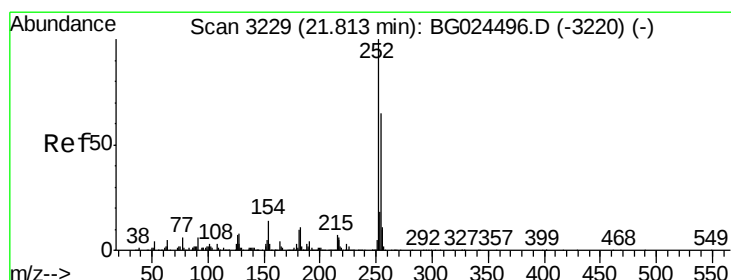
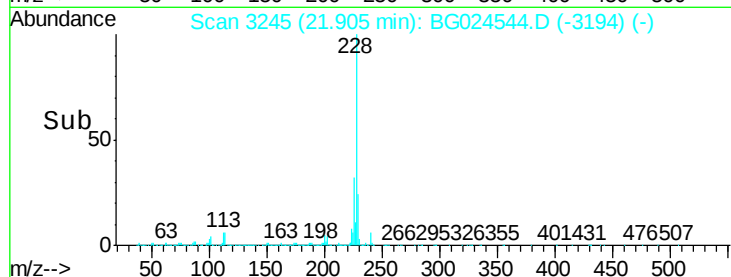
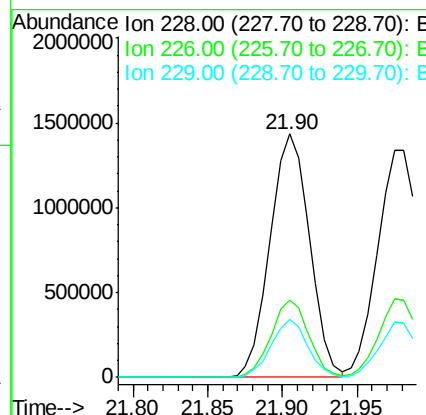
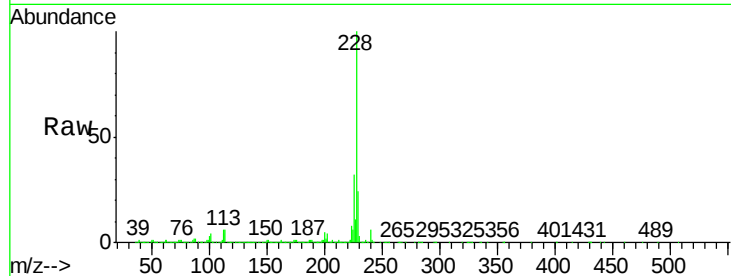
#80
Benzo(a)anthracene
Concen: 49.56 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	23.9	18.2	27.2

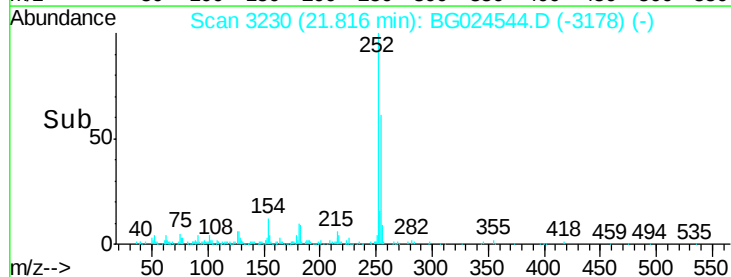
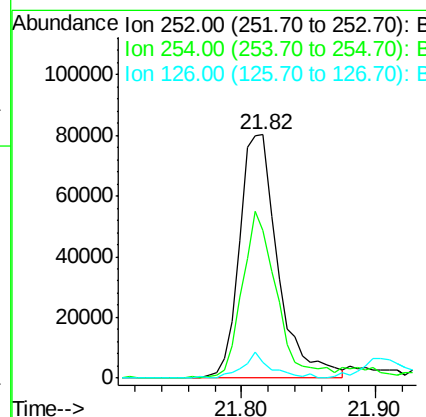
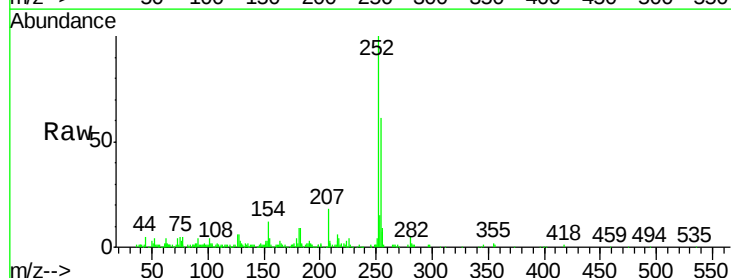
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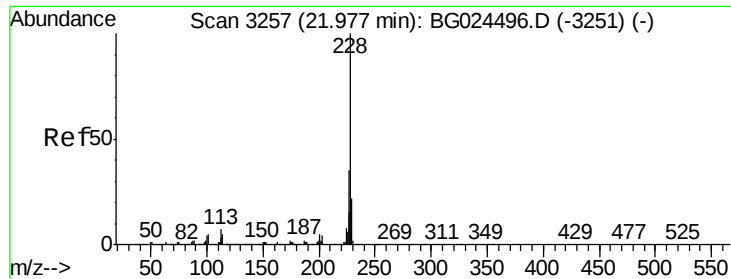
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#81
3,3'-Dichlorobenzidine
Concen: 7.46 ng
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.9	53.1	79.7
126	6.3	7.0	10.4





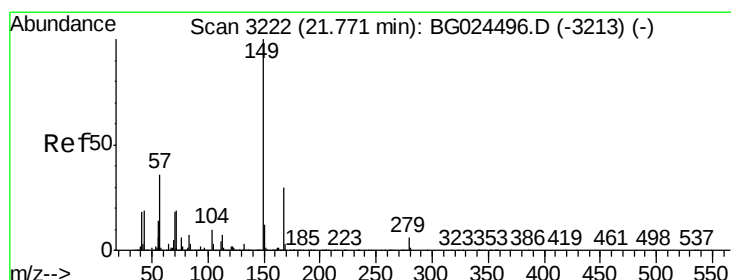
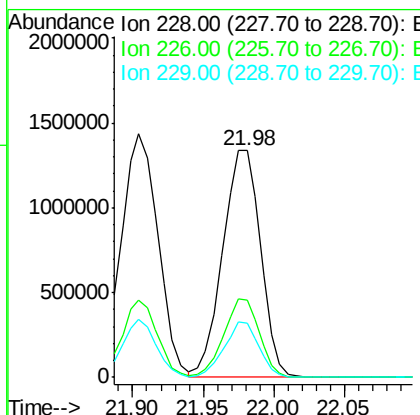
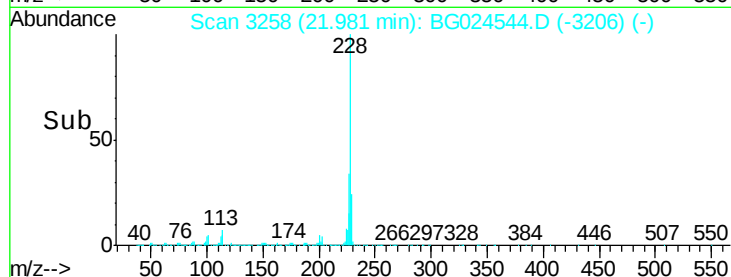
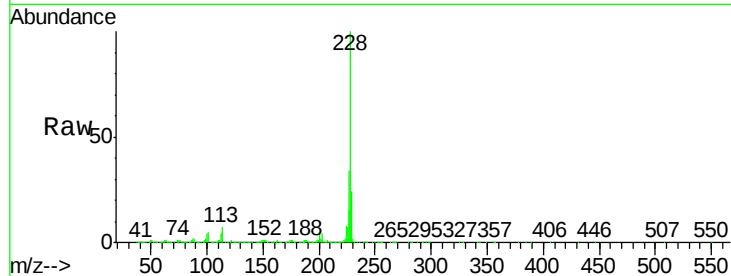
#82
 Chrysene
 Concen: 49.22 ng
 RT: 21.98 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MS

Tgt Ion: 228 Resp: 2495828
 Ion Ratio Lower Upper
 228 100
 226 34.3 27.0 40.4
 229 23.9 17.8 26.6

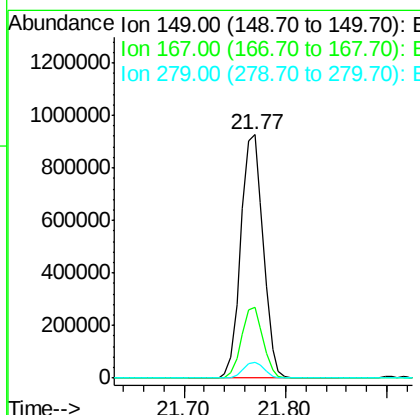
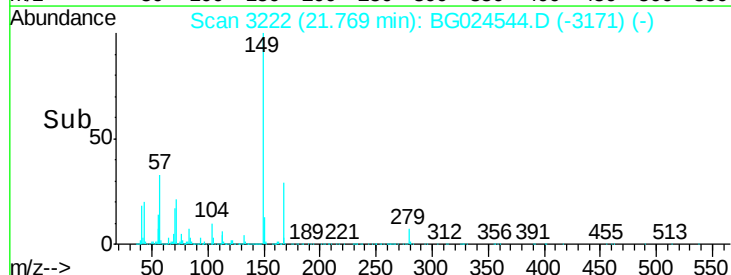
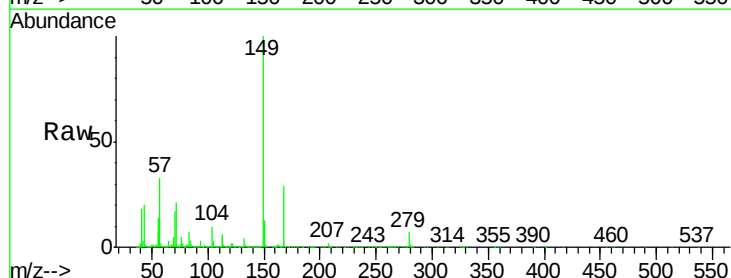
Manual Integrations
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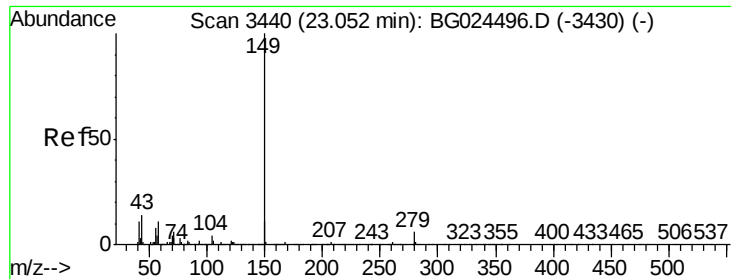
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.20 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: BG024544.D
 Acq: 28 Oct 2016 18:21

Tgt Ion: 149 Resp: 1418566
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.7 35.5
 279 6.6 4.6 6.8





#84

Di-n-octyl phthalate

Concen: 51.57 ng

RT: 23.04 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Instrument :

BNA_G

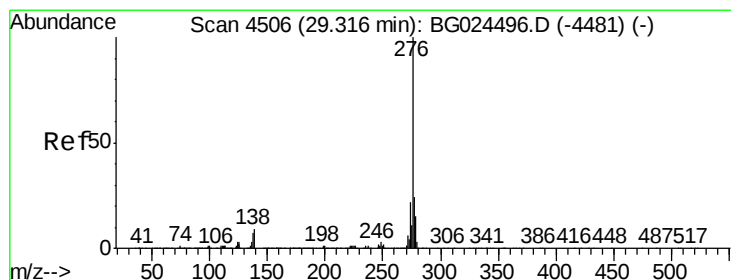
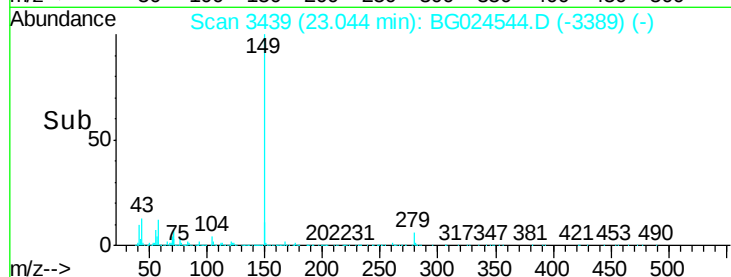
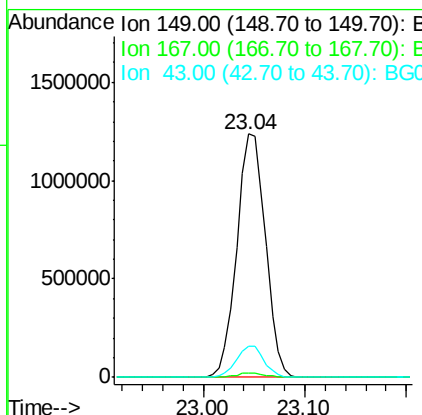
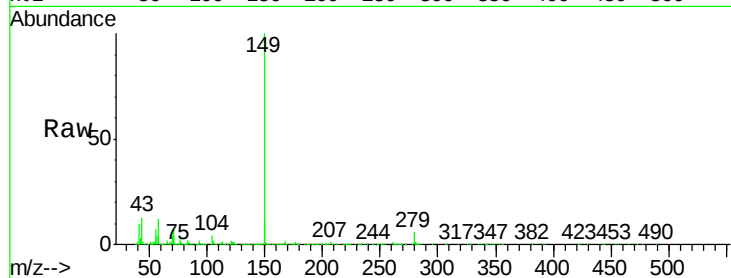
ClientSampleId :

HSR-WC-72-102616MS

Tgt Ion:	149	Resp:	2418166
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	12.4	11.8	17.6

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 49.11 ng

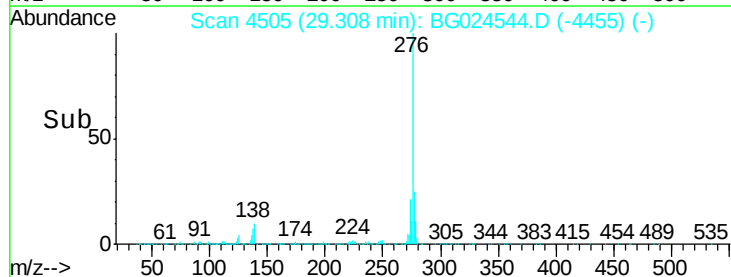
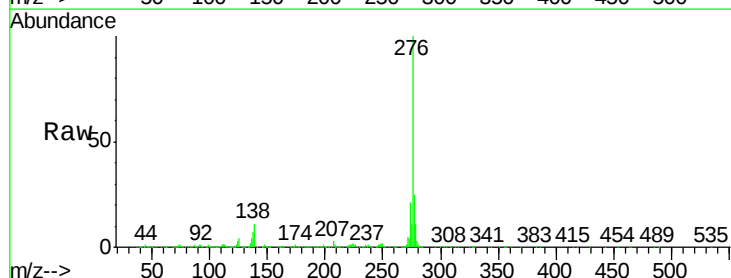
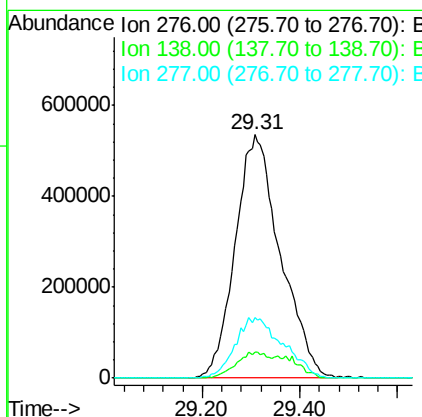
RT: 29.31 min Scan# 4505

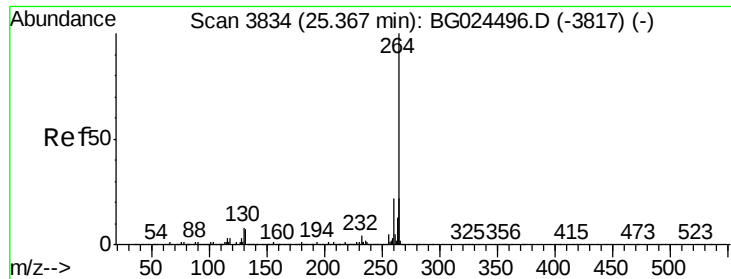
Delta R.T. -0.01 min

Lab File: BG024544.D

Acq: 28 Oct 2016 18:21

Tgt Ion:	276	Resp:	3437647
Ion	Ratio	Lower	Upper
276	100		
138	7.7	4.7	7.1#
277	26.5	20.6	31.0





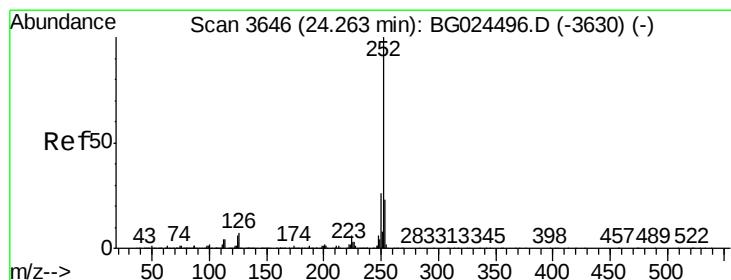
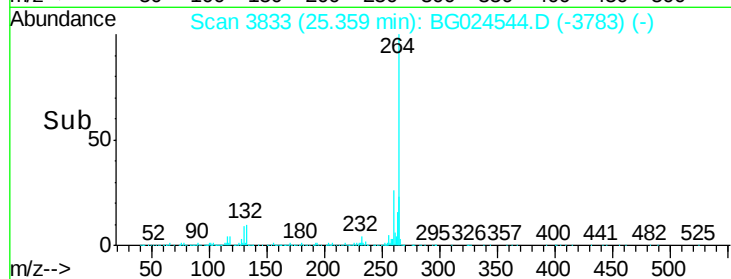
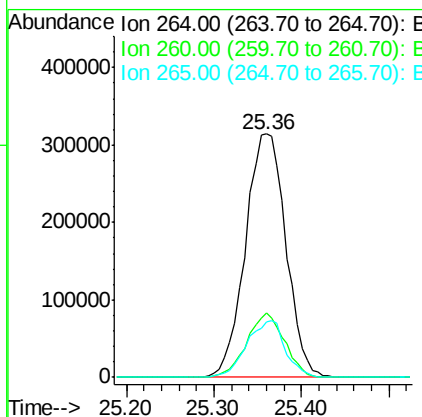
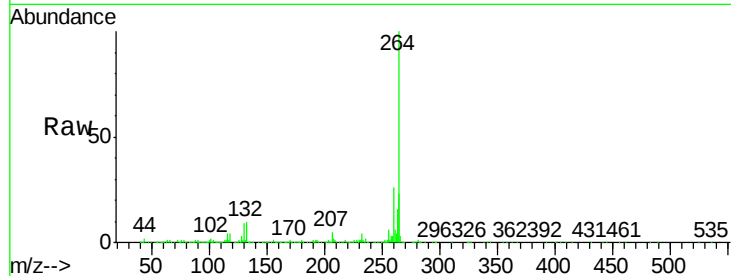
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.8	32.8
265	22.9	18.2	27.4

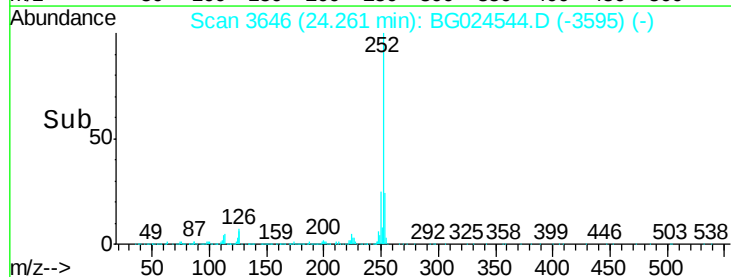
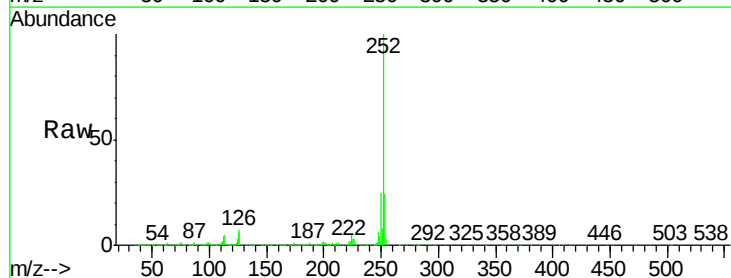
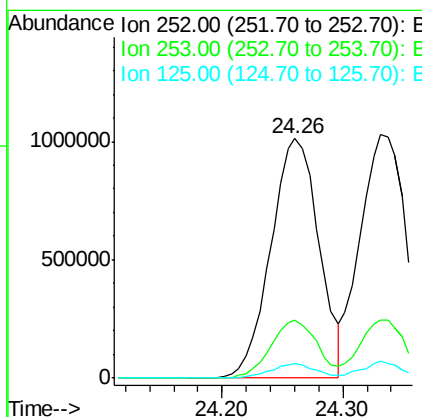
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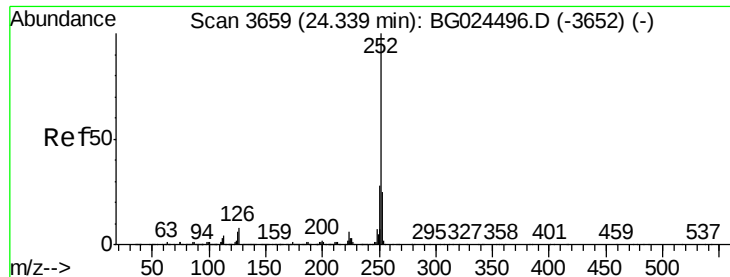
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#87
Benzo(b)fluoranthene
Concen: 52.25 ng
RT: 24.26 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	5.9	5.3	7.9





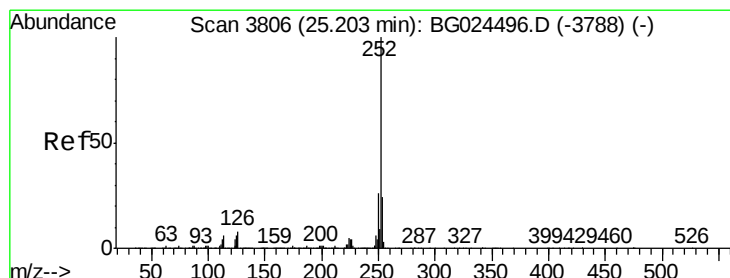
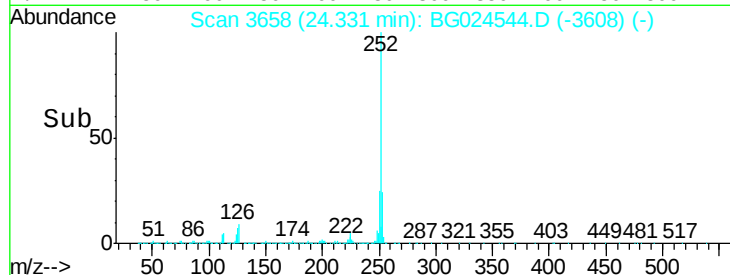
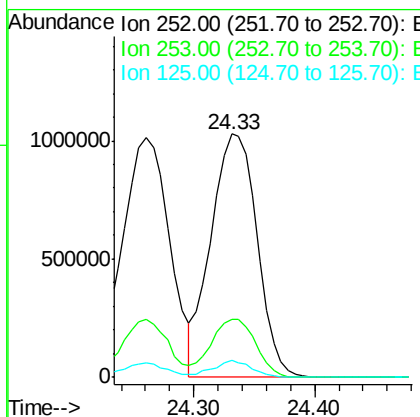
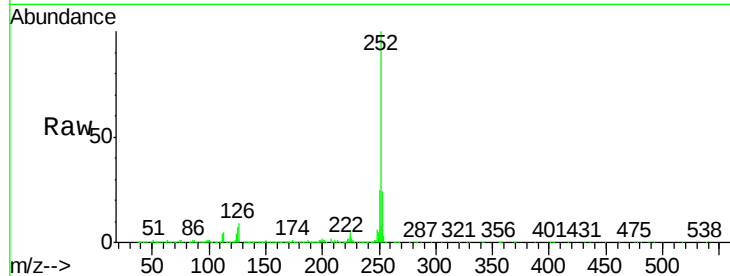
#88
Benzo(k)fluoranthene
Concen: 52.72 ng
RT: 24.33 min Scan# 3658
Delta R.T. -0.01 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.2	30.2
125	7.0	5.1	7.7

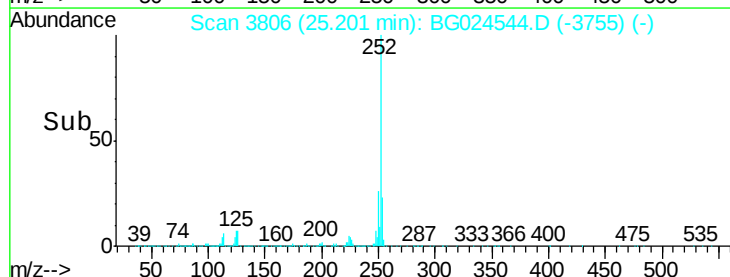
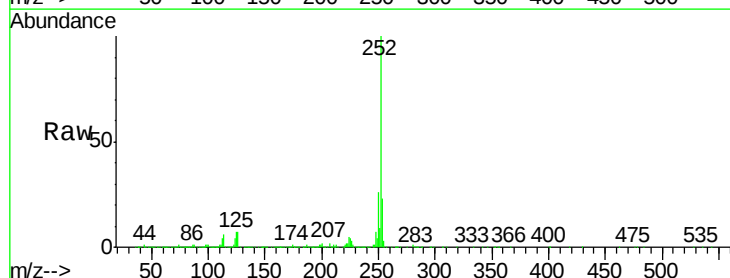
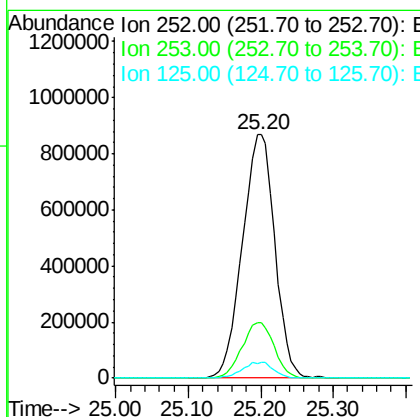
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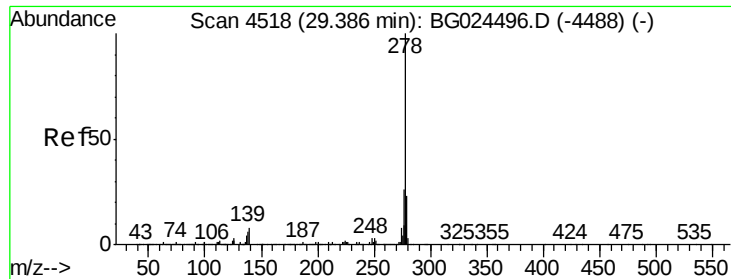
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#89
Benzo(a)pyrene
Concen: 51.48 ng
RT: 25.20 min Scan# 3806
Delta R.T. -0.00 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	6.6	5.4	8.0





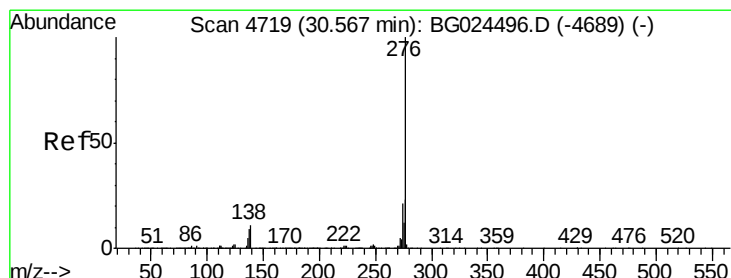
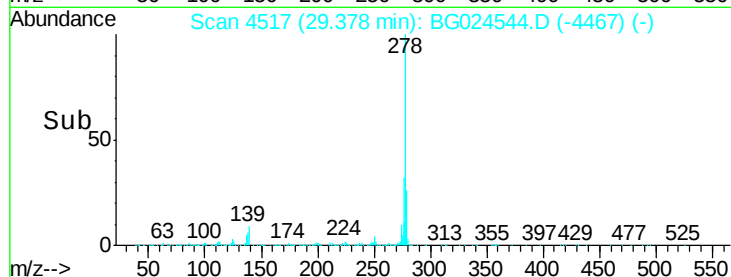
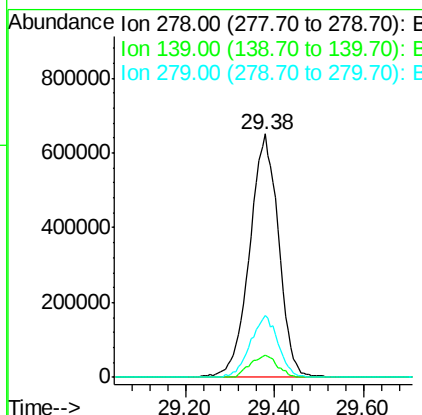
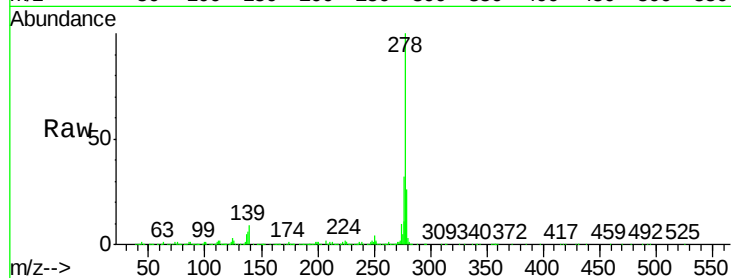
#90
Dibenzo(a,h)anthracene
Concen: 50.60 ng
RT: 29.38 min Scan# 4517
Delta R.T. -0.01 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.7	11.5
279	25.6	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 49.11 ng
RT: 30.55 min Scan# 4717
Delta R.T. -0.01 min
Lab File: BG024544.D
Acq: 28 Oct 2016 18:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	9.5	8.1	12.1

