

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024545.D
 Acq On : 28 Oct 2016 18:59
 Operator : UM/SJ
 Sample : H5420-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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 11/1/2016 4:49:25 PM

Quant Time: Oct 29 00:16:11 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	116818	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	449370	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	343911	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	754372	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1021283	20.00	ng	0.00
86) Perylene-d12	25.36	264	1060752	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	878772	123.29	ng	0.00
7) Phenol-d6	7.41	99	1182608	120.96	ng	0.00
23) Nitrobenzene-d5	9.45	82	991010	100.41	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	756949	147.33	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1959193	94.69	ng	0.00
78) Terphenyl-d14	20.21	244	3284491	96.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.68	88	104402	35.85	ng	# 77
3) Pyridine	4.09	79	249963	28.67	ng	91
4) n-Nitrosodimethylamine	4.00	42	189208	41.92	ng	89
6) Aniline	7.60	93	197889	15.98	ng	96
8) 2-Chlorophenol	7.83	128	327537	45.20	ng	90
9) Benzaldehyde	7.40	77	70656	11.69	ng	93
10) Phenol	7.44	94	424929	42.16	ng	94
11) bis(2-Chloroethyl)ether	7.69	93	356215	47.05	ng	90
12) 1,3-Dichlorobenzene	8.16	146	365213	40.71	ng	92
13) 1,4-Dichlorobenzene	8.31	146	383190	43.24	ng	99
14) 1,2-Dichlorobenzene	8.63	146	360656	42.33	ng	99
15) Benzyl Alcohol	8.51	79	431066	47.40	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.80	45	604581	43.04	ng	93
17) 2-Methylphenol	8.70	107	316134	47.34	ng	95
18) Hexachloroethane	9.37	117	145049	42.58	ng	# 84
19) n-Nitroso-di-n-propylamine	9.07	70	350555	48.65	ng	# 90
20) 3+4-Methylphenols	9.02	107	422653	47.14	ng	98
22) Acetophenone	9.10	105	571171	49.48	ng	93
24) Nitrobenzene	9.49	77	521805	47.52	ng	96
25) Isophorone	10.01	82	923955	50.33	ng	99
26) 2-Nitrophenol	10.21	139	210464	51.64	ng	97
27) 2,4-Dimethylphenol	10.24	122	369111	51.74	ng	95
28) bis(2-Chloroethoxy)methane	10.48	93	510222	53.71	ng	98
29) 2,4-Dichlorophenol	10.73	162	395453	52.81	ng	97
30) 1,2,4-Trichlorobenzene	10.95	180	406797	45.79	ng	91
31) Naphthalene	11.15	128	1090159	48.64	ng	99
32) Benzoic acid	10.35	122	214941	36.18	ng	98
33) 4-Chloroaniline	11.26	127	19527	2.01	ng	96
34) Hexachlorobutadiene	11.42	225	320575	46.11	ng	98
35) Caprolactam	12.02	113	103434m	37.73	ng	
36) 4-Chloro-3-methylphenol	12.34	107	452595	50.07	ng	97
37) 2-Methylnaphthalene	12.73	142	804298	49.18	ng	100
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	541298	46.67	ng	98
40) Hexachlorocyclopentadiene	13.06	237	721109	110.39	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	351583	50.43	ng	97
43) 2,4,5-Trichlorophenol	13.40	196	377727	50.11	ng	100
45) 1,1'-Biphenyl	13.73	154	1119358	46.90	ng	97
46) 2-Chloronaphthalene	13.77	162	896425	49.33	ng	99
47) 2-Nitroaniline	13.98	65	356106	47.86	ng	96
48) Acenaphthylene	14.62	152	1324358	47.52	ng	98
49) Dimethylphthalate	14.33	163	1208471	49.50	ng	99
50) 2,6-Dinitrotoluene	14.46	165	274322	52.63	ng	91
51) Acenaphthene	14.95	154	871695	41.96	ng	98
52) 3-Nitroaniline	14.79	138	44064	8.17	ng	# 96
53) 2,4-Dinitrophenol	14.99	184	377130	99.85	ng	94
54) Dibenzofuran	15.28	168	1396582	48.62	ng	95
55) 4-Nitrophenol	15.08	139	415957	88.52	ng	# 90
56) 2,4-Dinitrotoluene	15.24	165	395318	52.19	ng	# 96
57) Fluorene	15.93	166	1115313	46.83	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	398783	51.03	ng	92
59) Diethylphthalate	15.68	149	1223070	47.78	ng	98
60) 4-Chlorophenyl-phenylether	15.92	204	667562	49.95	ng	96
61) 4-Nitroaniline	15.95	138	229871	39.01	ng	98
62) Azobenzene	16.20	77	1287231	50.42	ng	97
64) 4,6-Dinitro-2-methylphenol	16.00	198	273081	52.54	ng	94
65) n-Nitrosodiphenylamine	16.13	169	1043473	50.60	ng	98
66) 4-Bromophenyl-phenylether	16.81	248	475707	51.95	ng	96
67) Hexachlorobenzene	16.93	284	527514	52.13	ng	# 89
68) Atrazine	17.06	200	418876	47.35	ng	99
69) Pentachlorophenol	17.27	266	678240	101.58	ng	97
70) Phenanthrene	17.67	178	1915030	49.80	ng	99
71) Anthracene	17.76	178	1923888	49.59	ng	96
72) Carbazole	18.03	167	1729775	48.89	ng	97
73) Di-n-butylphthalate	18.56	149	2010390	49.28	ng	98
74) Fluoranthene	19.67	202	2435023	50.10	ng	97
76) Benzidine	19.89	184	141376	5.88	ng	95
77) Pyrene	20.03	202	2467643	49.43	ng	97
79) Butylbenzylphthalate	20.89	149	1052235	50.55	ng	98
80) Benzo(a)anthracene	21.91	228	2760864	49.21	ng	98
81) 3,3'-Dichlorobenzidine	21.81	252	289028	12.77	ng	92
82) Chrysene	21.98	228	2585632	48.39	ng	97
83) Bis(2-ethylhexyl)phthalate	21.77	149	1482098	49.78	ng	97
84) Di-n-octyl phthalate	23.05	149	2525072	51.10	ng	96
85) Indeno(1,2,3-cd)pyrene	29.32	276	3633587	49.26	ng	# 98
87) Benzo(b)fluoranthene	24.27	252	2995012	52.24	ng	98
88) Benzo(k)fluoranthene	24.34	252	2796528	50.50	ng	100
89) Benzo(a)pyrene	25.20	252	2859338	51.04	ng	99
90) Dibenzo(a,h)anthracene	29.38	278	3051319	49.62	ng	97
91) Benzo(g,h,i)perylene	30.55	276	3002916	48.88	ng	98

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

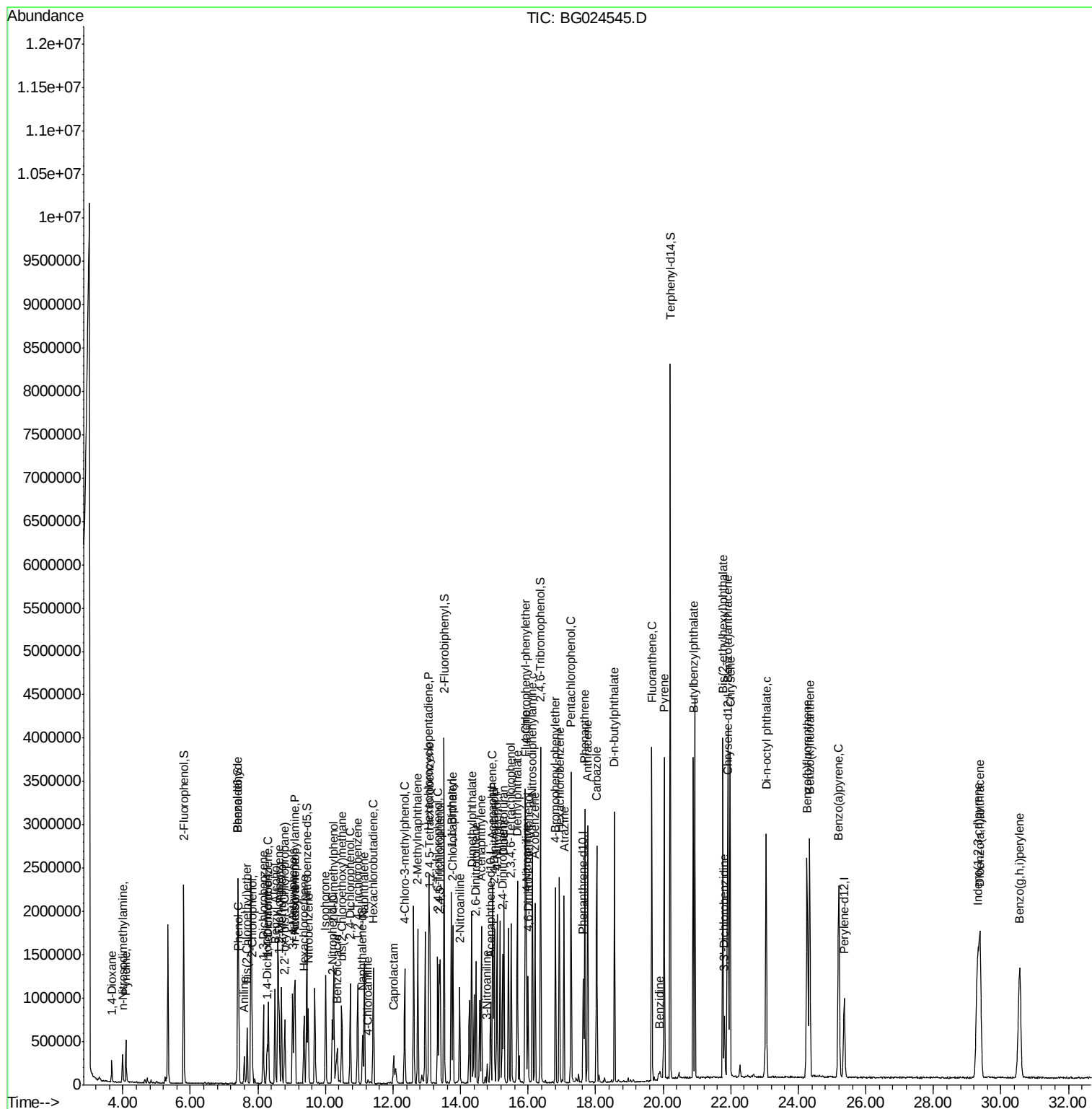
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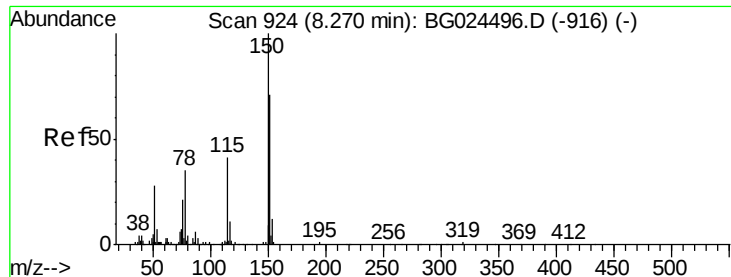
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

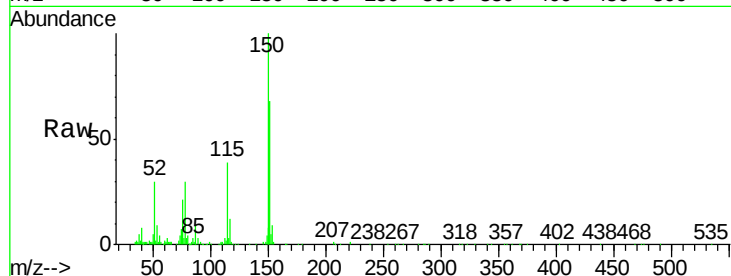
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.1	114.0	171.0
115	57.8	48.1	72.1

Manual Integrations
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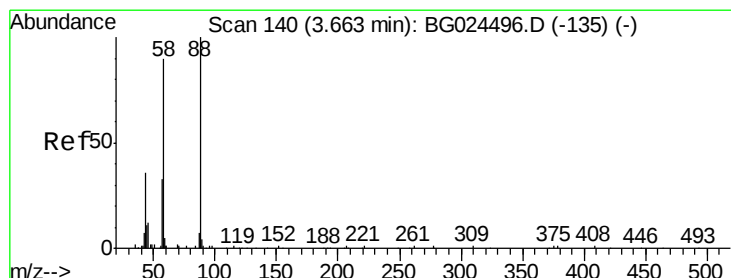
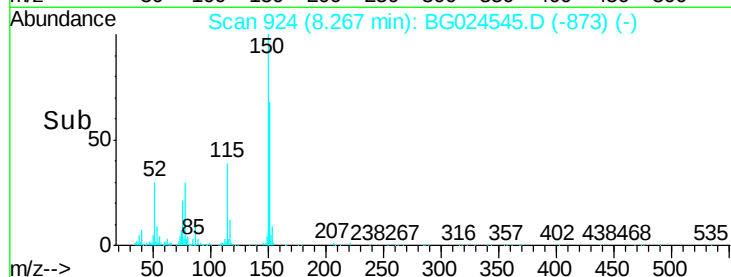
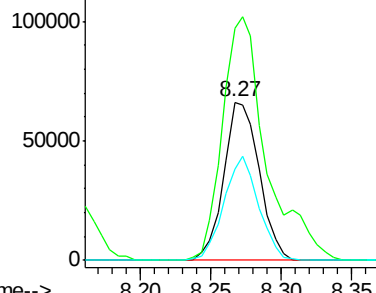
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.85 ng

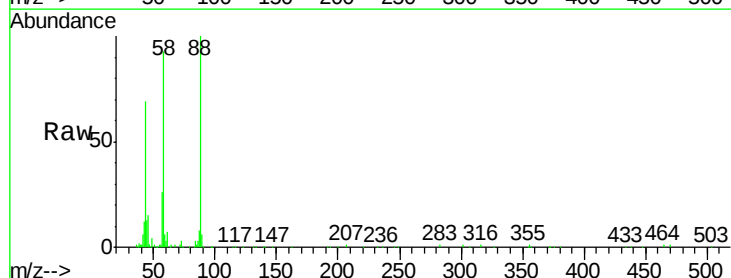
RT: 3.68 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

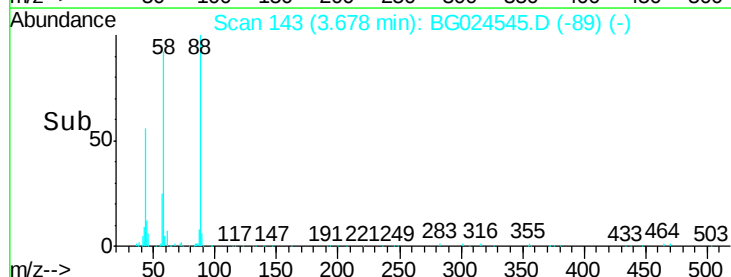
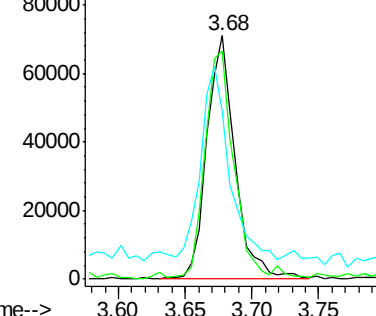
Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.7	79.4	119.2
43	80.5	33.8	50.6

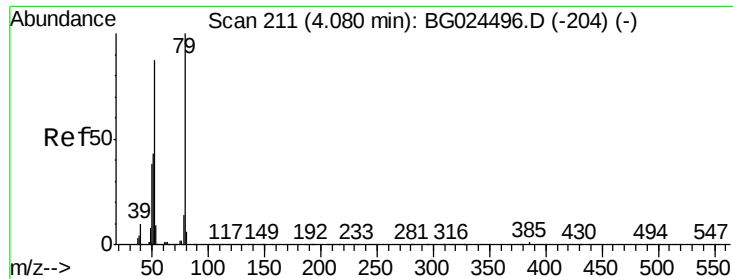


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 28.67 ng

RT: 4.09 min Scan# 213

Delta R.T. 0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

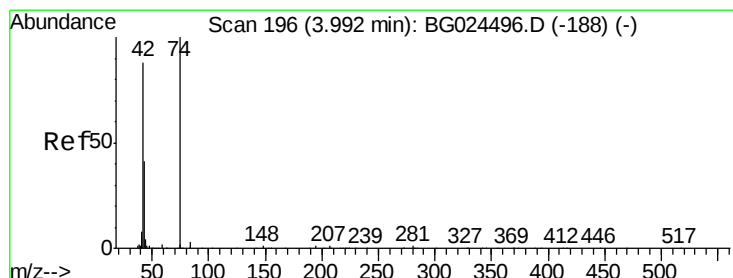
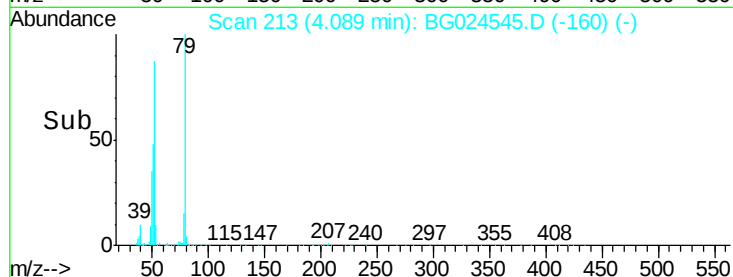
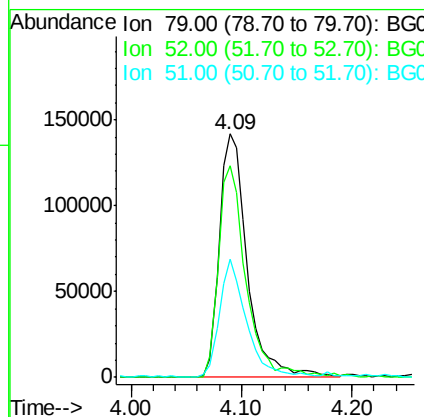
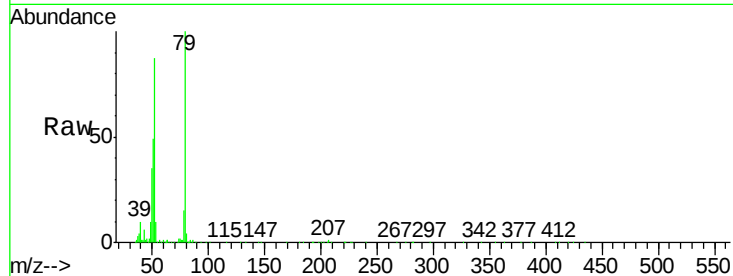
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:	79	Resp:	249963
Ion	Ratio	Lower	Upper
79	100		
52	86.9	77.8	116.6
51	48.8	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 41.92 ng

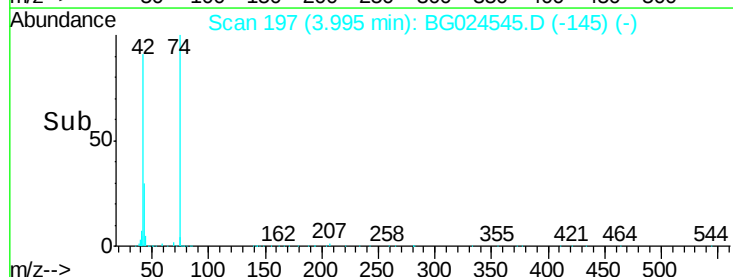
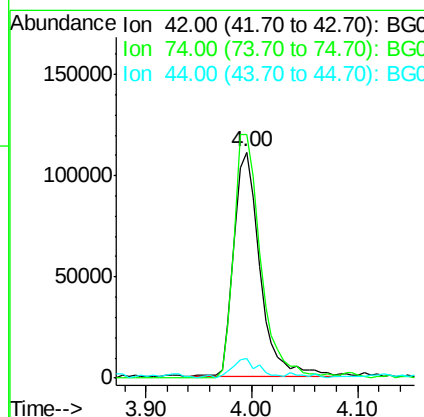
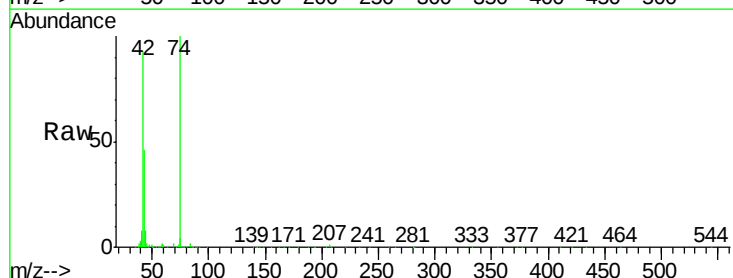
RT: 4.00 min Scan# 197

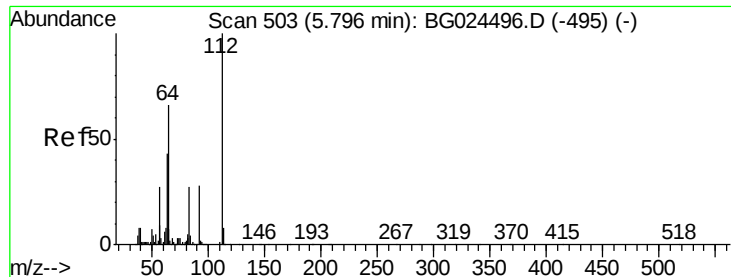
Delta R.T. 0.00 min

Lab File: BG024545.D

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Tgt Ion:	42	Resp:	189208
Ion	Ratio	Lower	Upper
42	100		
74	107.6	76.7	115.1
44	8.5	6.1	9.1





#5

2-Fluorophenol

Concen: 123.29 ng

RT: 5.80 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

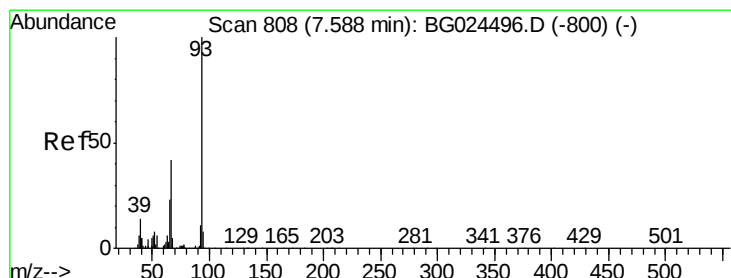
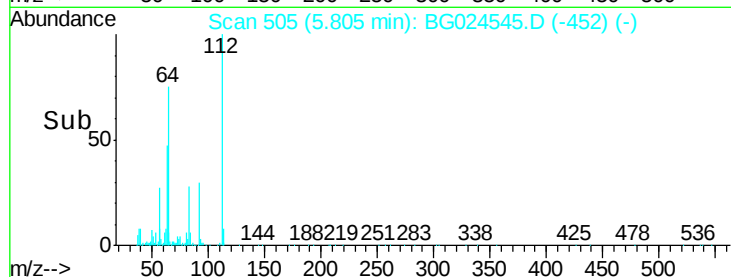
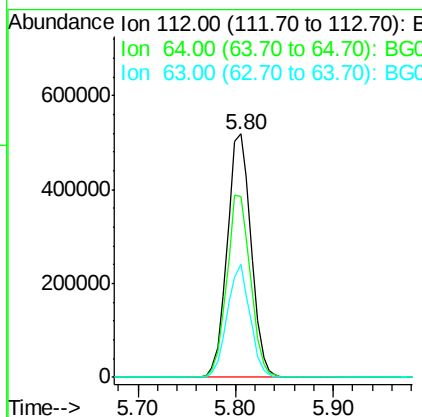
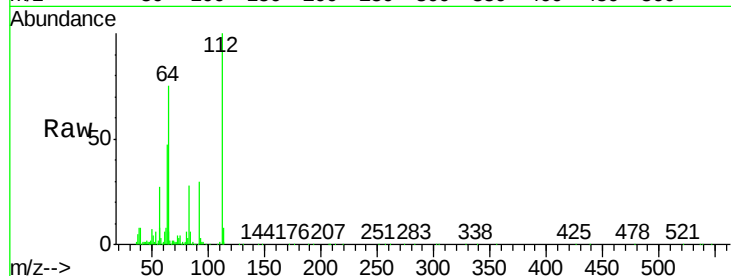
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:	112	Resp:	878772
Ion Ratio	Lower	Upper	
112	100		
64	74.6	61.8	92.6
63	46.6	37.2	55.8

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#6

Aniline

Concen: 15.98 ng

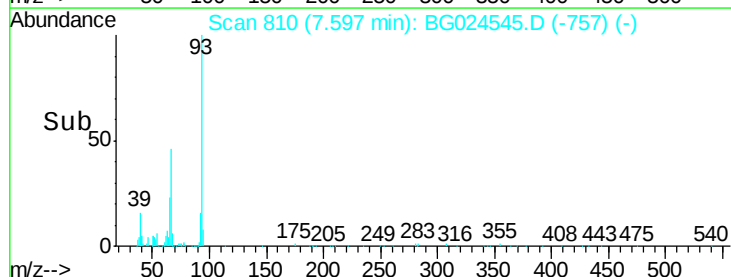
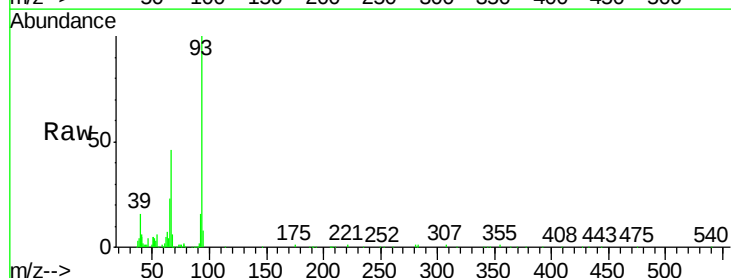
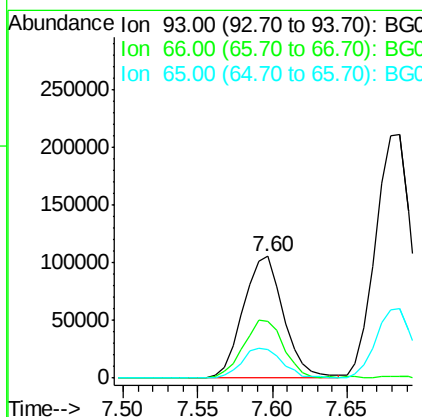
RT: 7.60 min Scan# 810

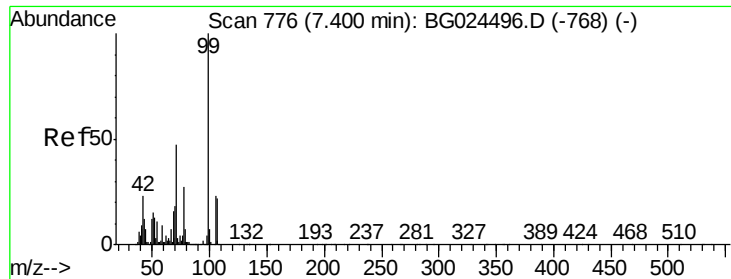
Delta R.T. 0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:	93	Resp:	197889
Ion Ratio	Lower	Upper	
93	100		
66	46.2	35.4	53.2
65	23.3	21.2	31.8





#7

Phenol-d6

Concen: 120.96 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

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Tgt Ion: 99 Resp: 1182608

Ion Ratio Lower Upper

99 100

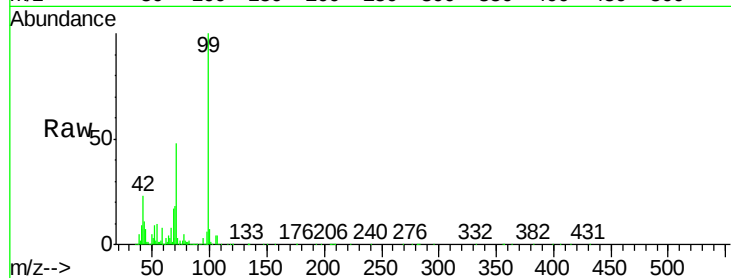
42 22.9 20.5 30.7

71 47.6 37.6 56.4

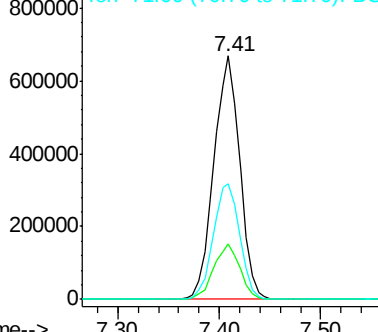
Manual Integrations
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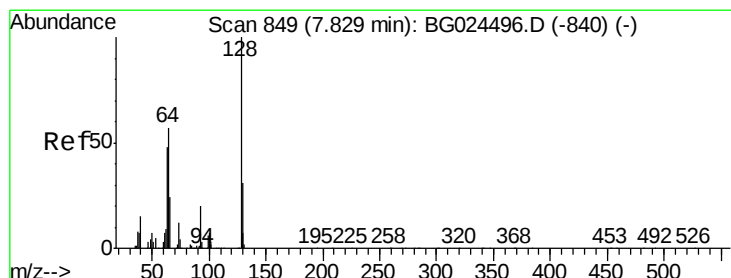
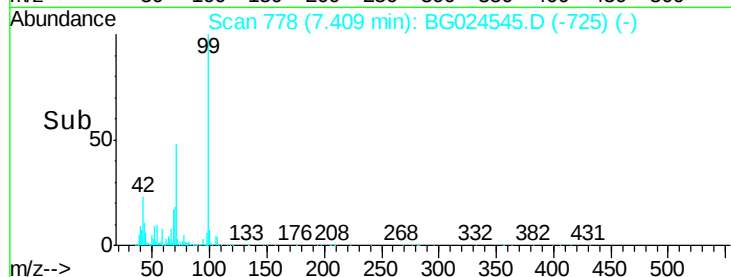
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time--> 7.30 7.40 7.50



#8

2-Chlorophenol

Concen: 45.20 ng

RT: 7.83 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

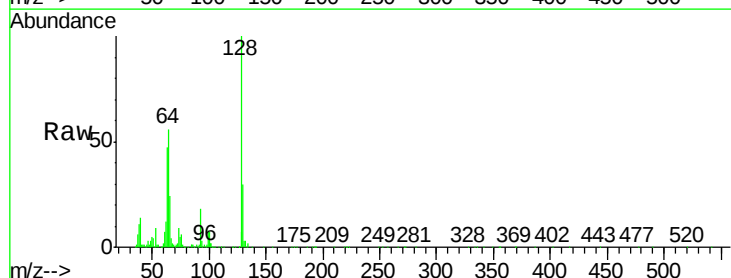
Tgt Ion: 128 Resp: 327537

Ion Ratio Lower Upper

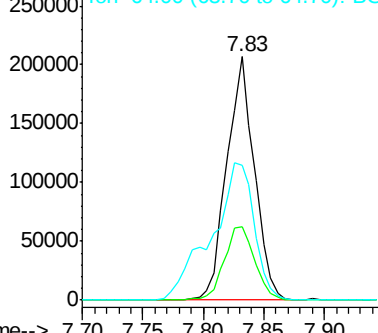
128 100

130 30.1 11.4 51.4

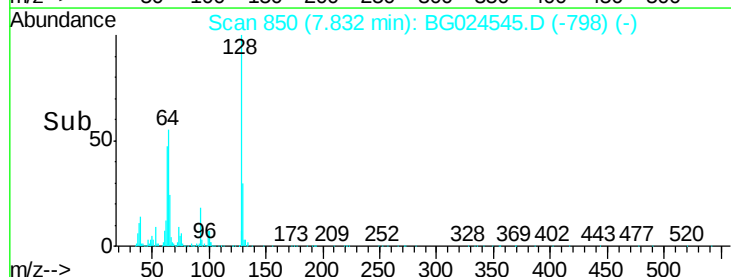
64 55.5 46.6 86.6

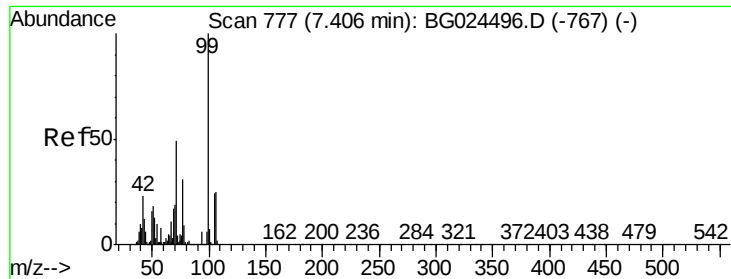


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time--> 7.70 7.75 7.80 7.85 7.90





#9

Benzaldehyde

Concen: 11.69 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

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Acq: 28 Oct 2016 18:59

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BNA_G

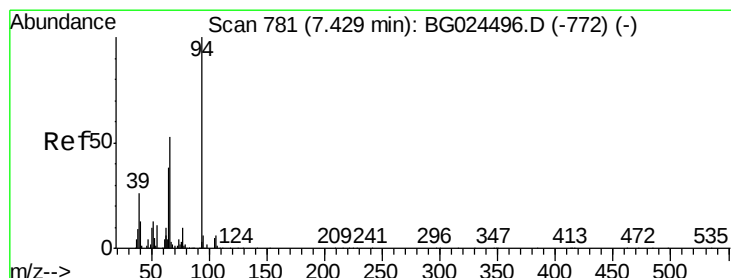
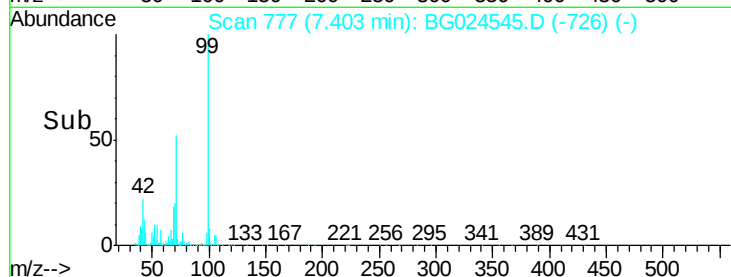
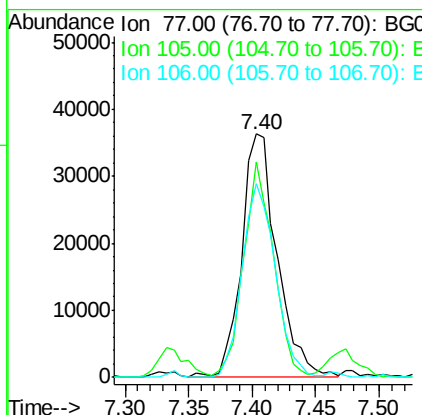
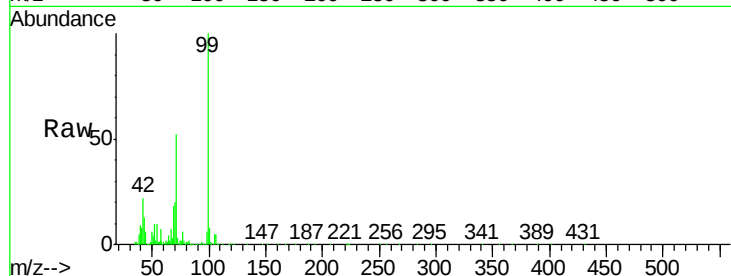
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:	77	Resp:	70656
Ion Ratio	Lower	Upper	
77	100		
105	88.4	60.9	100.9
106	79.7	55.1	95.1

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#10

Phenol

Concen: 42.16 ng

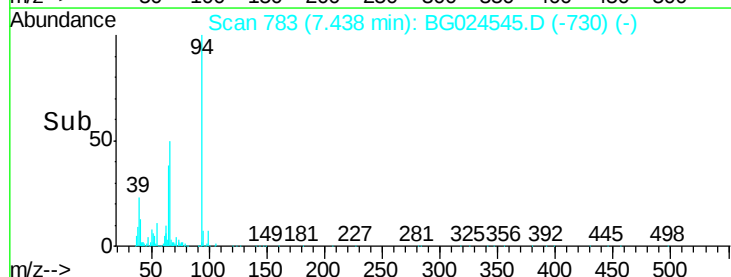
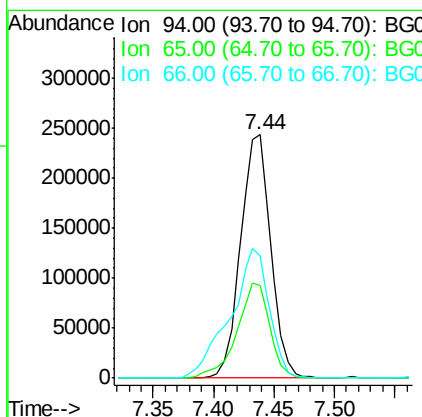
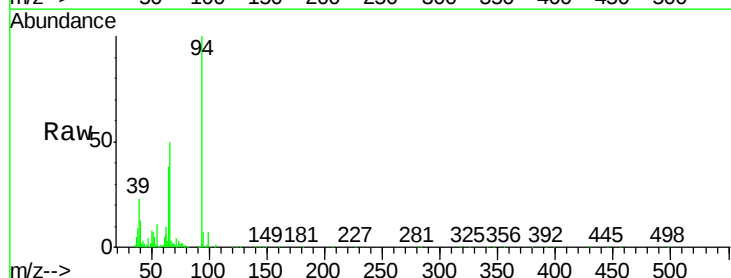
RT: 7.44 min Scan# 783

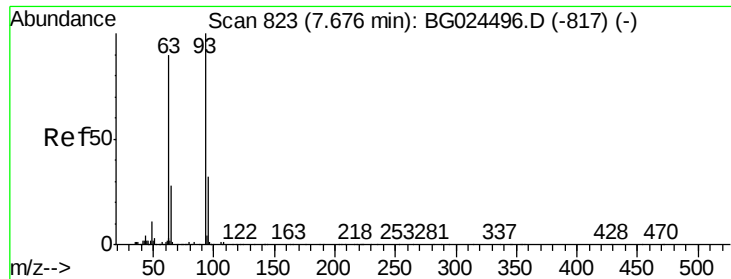
Delta R.T. 0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:	94	Resp:	424929
Ion Ratio	Lower	Upper	
94	100		
65	37.8	20.6	60.6
66	50.3	35.5	75.5





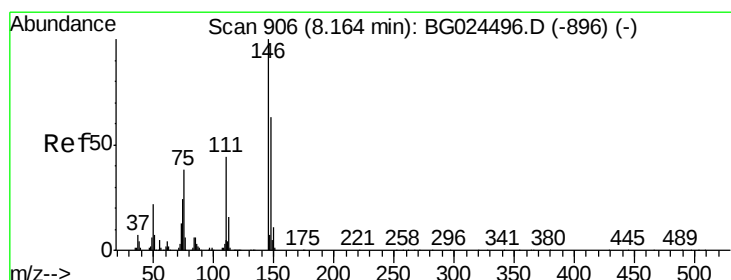
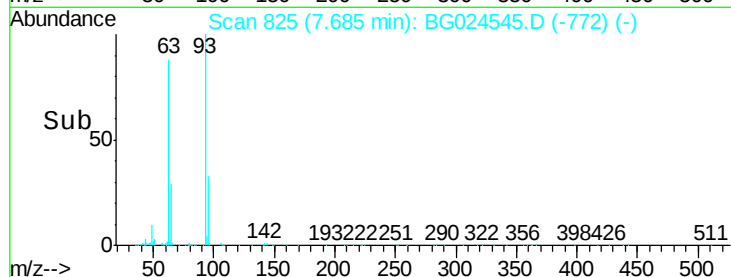
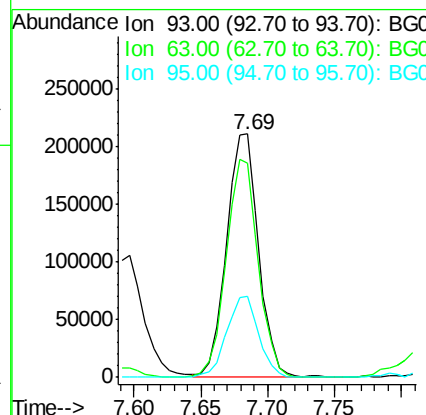
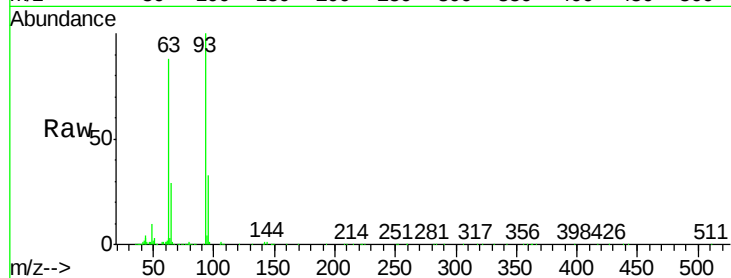
#11
bis(2-Chloroethyl)ether
Concen: 47.05 ng
RT: 7.69 min Scan# 825
Delta R.T. 0.01 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	356215		
63	87.9	78.5	118.5	
95	33.2	9.8	49.8	

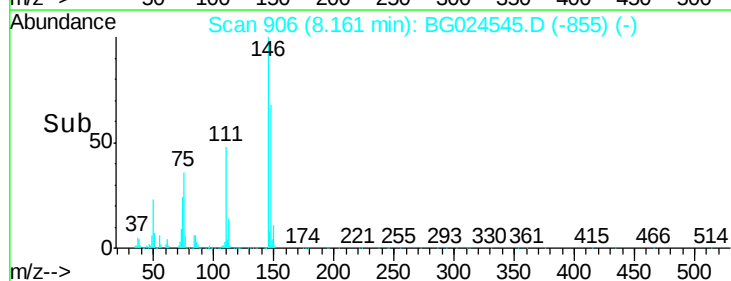
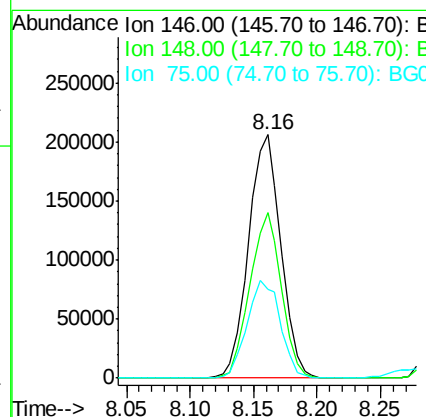
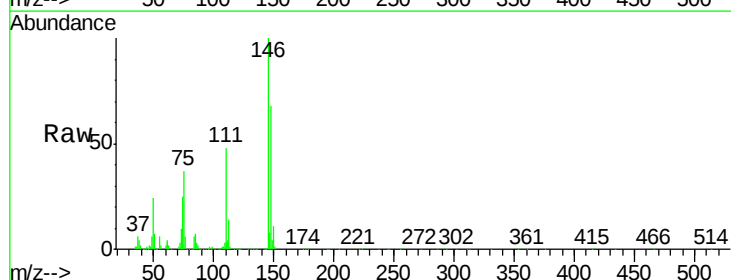
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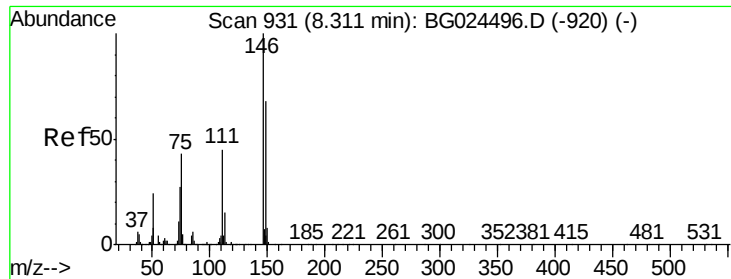
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#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	365213		
148	67.8	49.2	73.8	
75	36.5	33.4	50.2	





#13

1,4-Dichlorobenzene

Concen: 43.24 ng

RT: 8.31 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

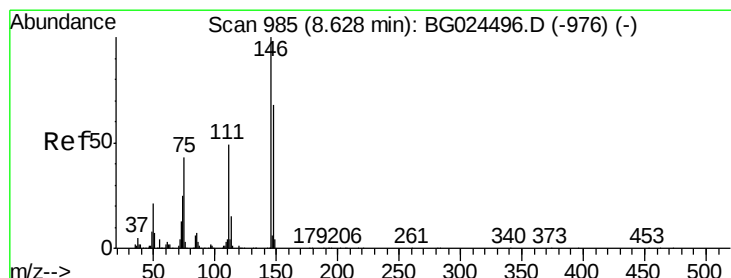
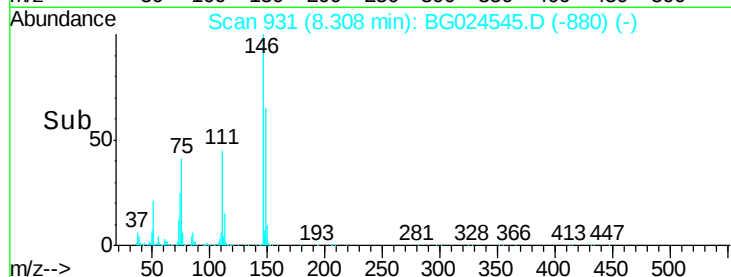
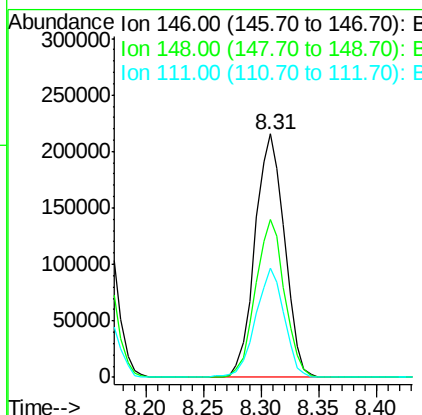
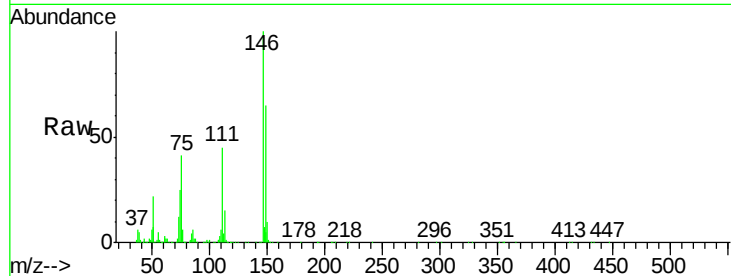
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:	146	Resp:	383190
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.2	78.2
111	44.6	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 42.33 ng

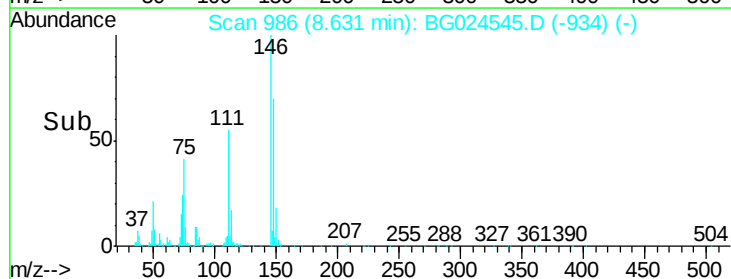
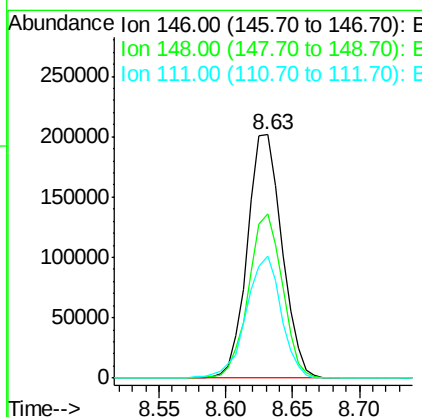
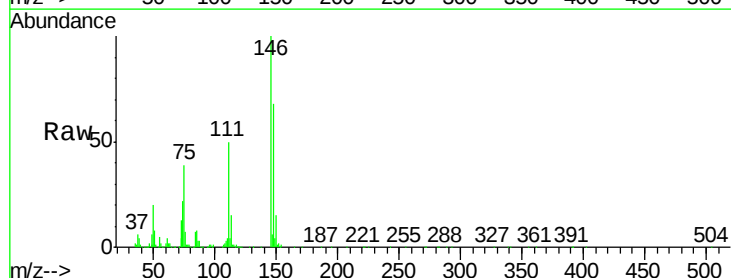
RT: 8.63 min Scan# 986

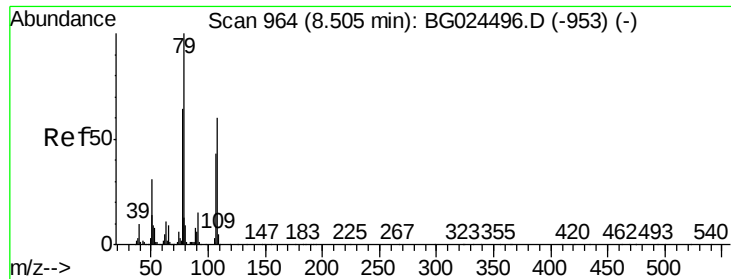
Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:	146	Resp:	360656
Ion Ratio	Lower	Upper	
146	100		
148	67.5	54.6	81.8
111	50.3	39.7	59.5





#15

Benzyl Alcohol

Concen: 47.40 ng

RT: 8.51 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

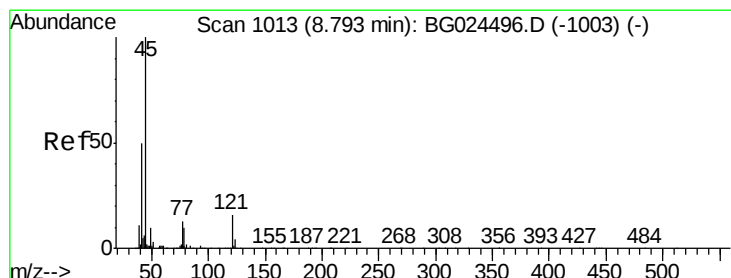
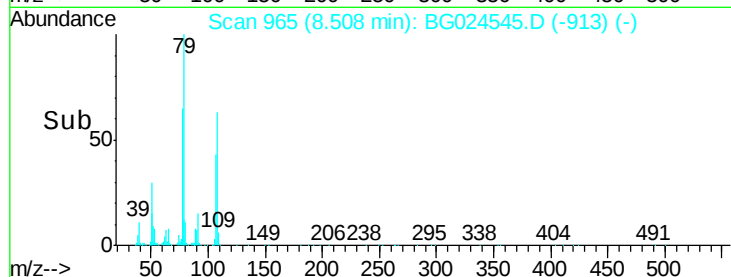
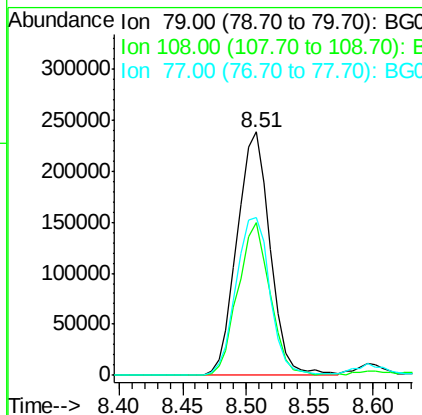
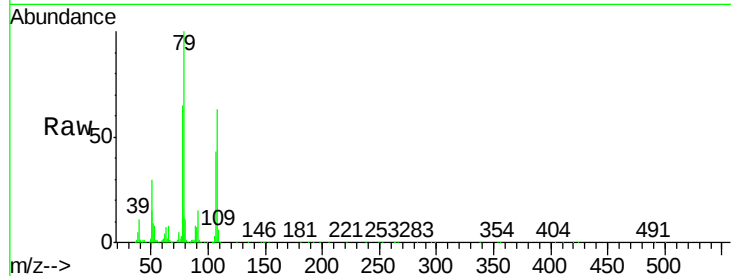
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:	79	Resp:	431066
Ion Ratio	Lower	Upper	
79	100		
108	62.9	45.5	68.3
77	65.0	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.04 ng

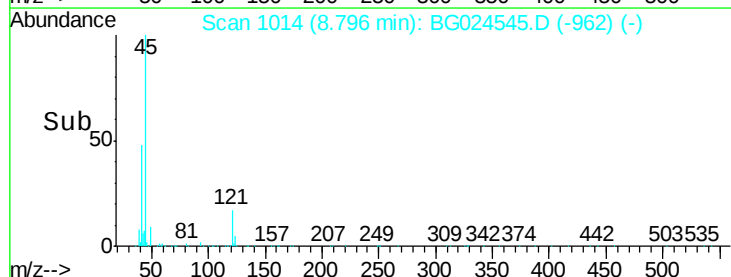
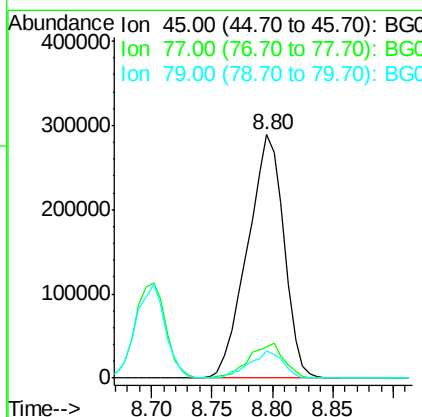
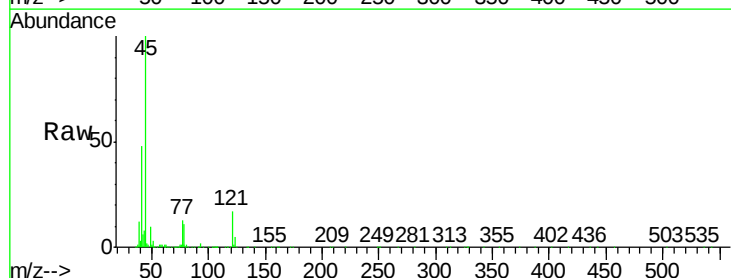
RT: 8.80 min Scan# 1014

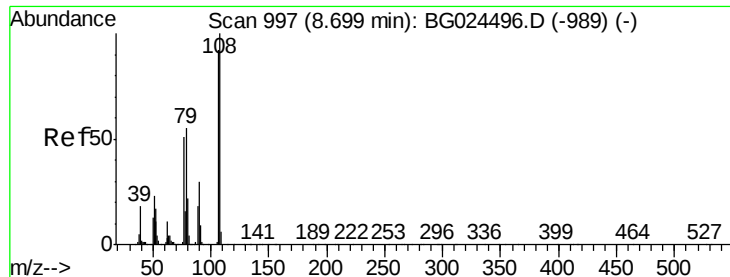
Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:	45	Resp:	604581
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	30.6
79	11.0	0.0	28.5





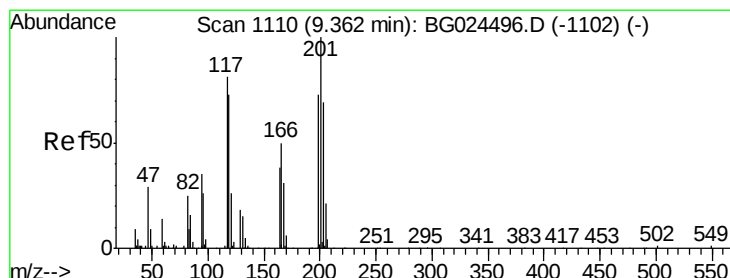
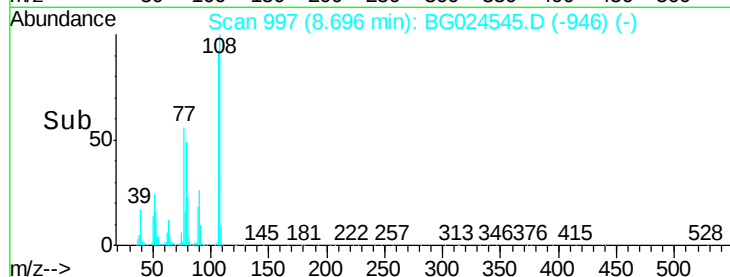
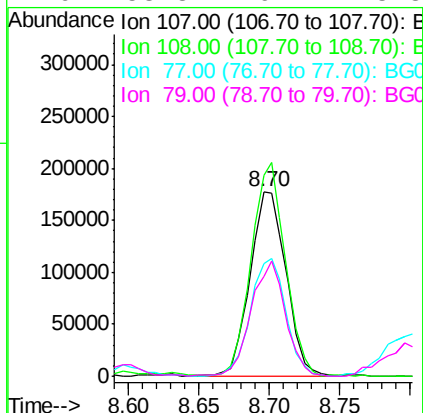
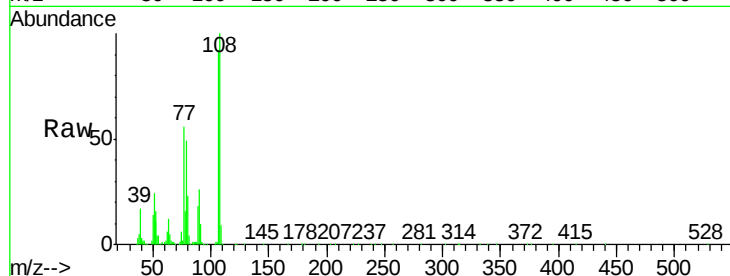
#17
2-Methylphenol
Concen: 47.34 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	316134		
108	109.1	85.6	128.4	
77	61.1	51.4	77.2	
79	53.8	49.2	73.8	

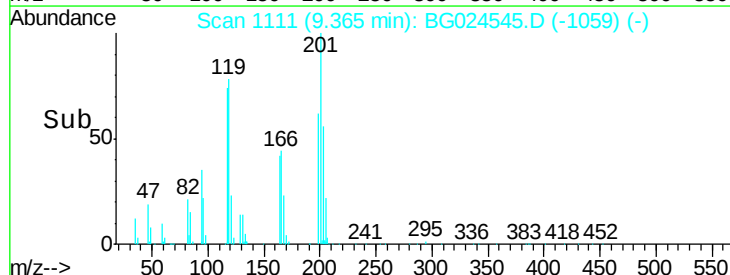
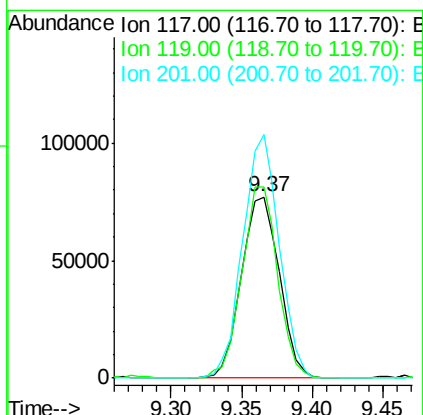
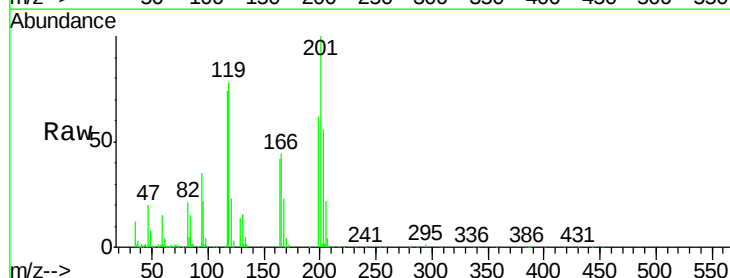
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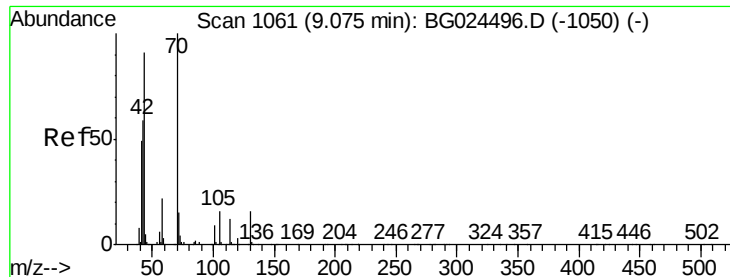
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#18
Hexachloroethane
Concen: 42.58 ng
RT: 9.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	145049		
119	105.2	69.8	104.6#	
201	134.3	95.4	143.0	





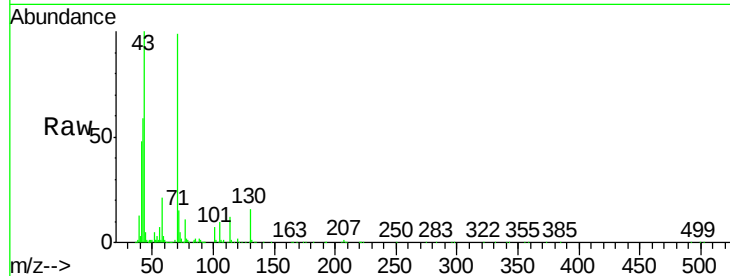
#19
n-Nitroso-di-n-propylamine
Concen: 48.65 ng
RT: 9.07 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.2	56.1	84.1
101	6.9	7.5	11.3
130	16.3	14.6	21.8

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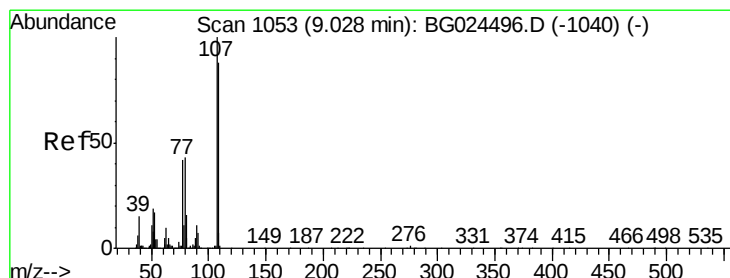
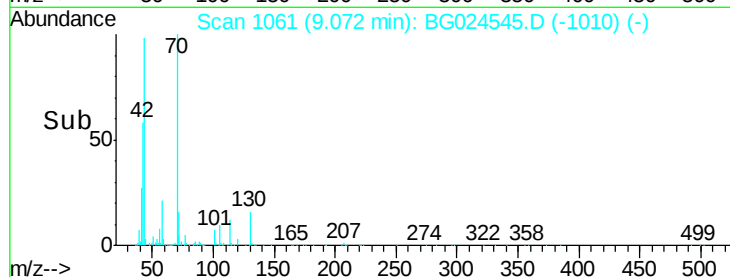
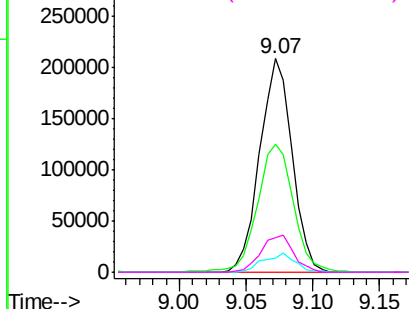
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 47.14 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	70.8	110.8
77	44.9	25.8	65.8
79	39.4	20.1	60.1

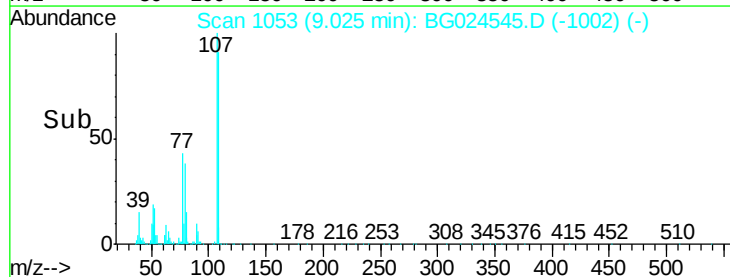
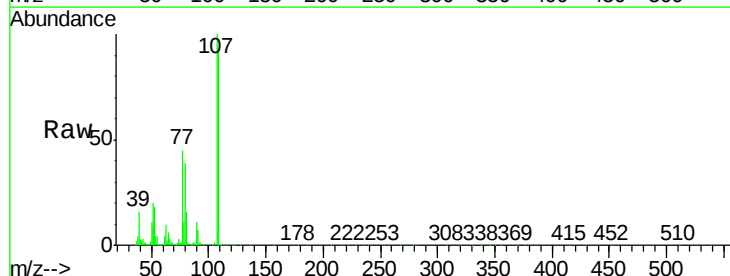
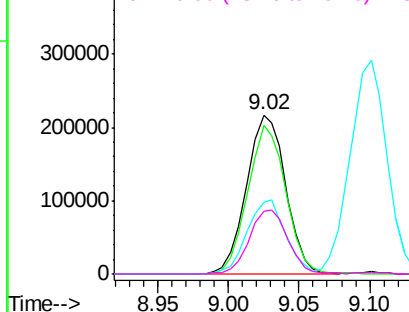
Abundance

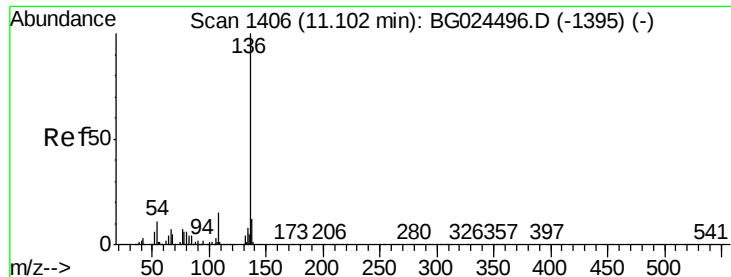
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





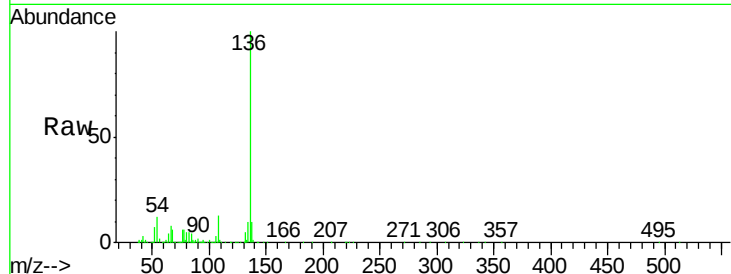
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

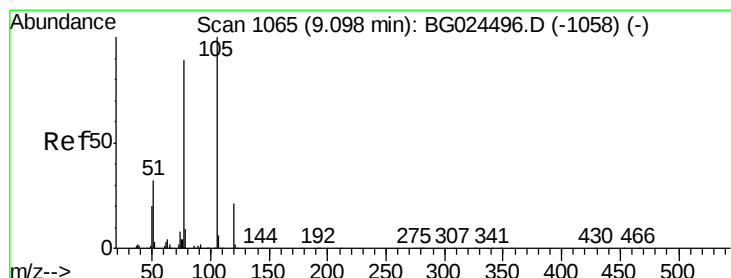
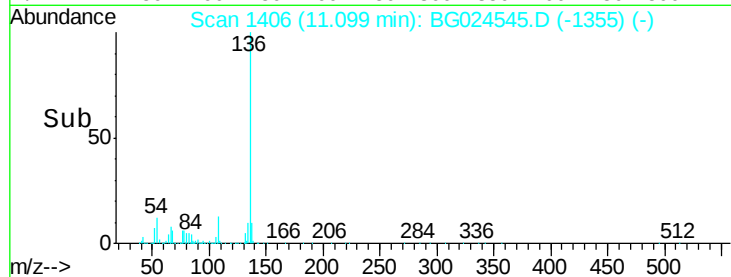
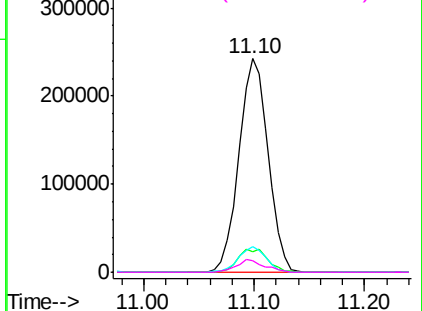
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	449370		
137	9.7	8.9	13.3	
54	12.0	9.3	13.9	
68	5.6	5.1	7.7	

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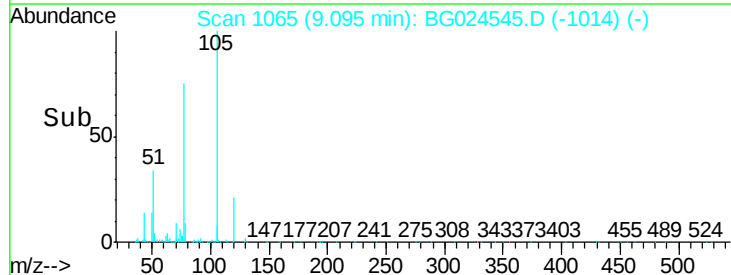
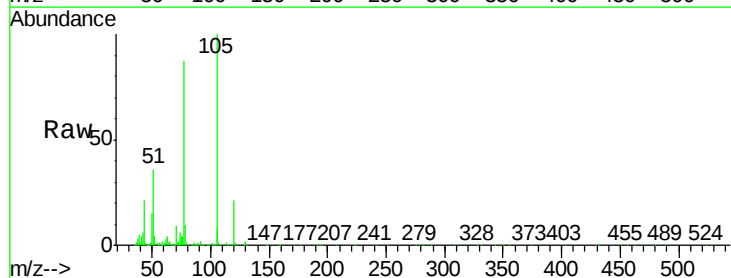
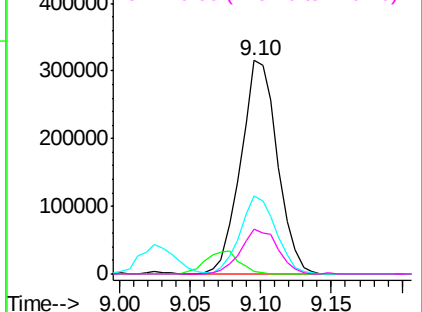
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

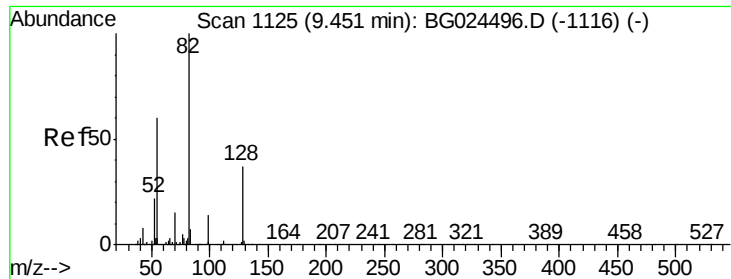


#22
Acetophenone
Concen: 49.48 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	571171		
71	1.2	0.9	1.3	
51	36.5	34.0	51.0	
120	21.0	17.3	25.9	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





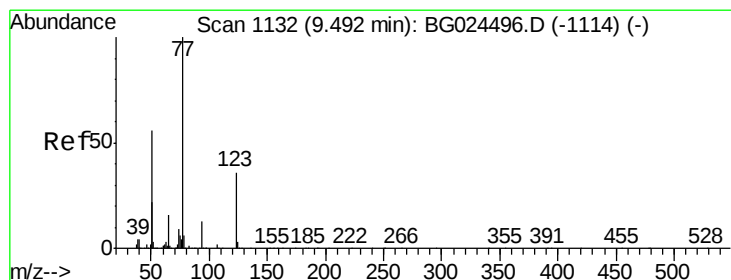
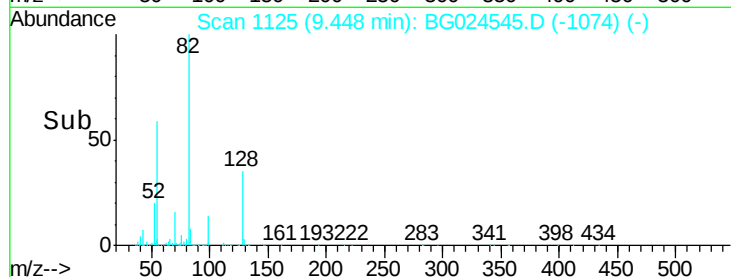
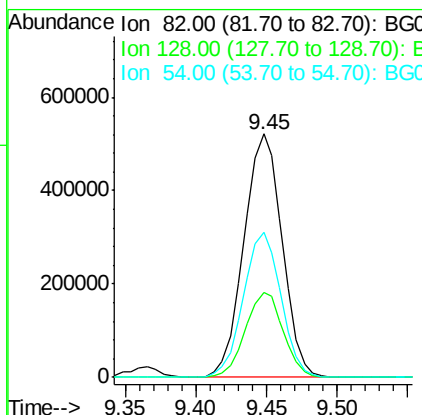
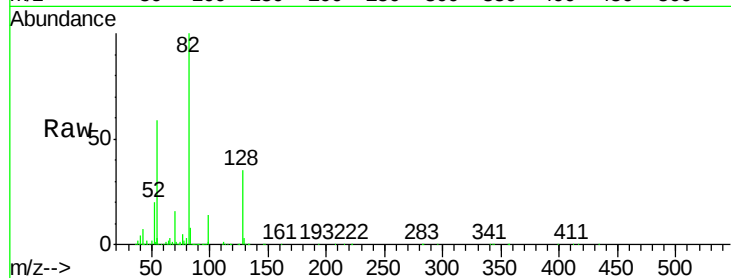
#23
Nitrobenzene-d5
Concen: 100.41 ng
RT: 9.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	991010		
128	34.7	26.4	39.6	
54	59.5	49.4	74.2	

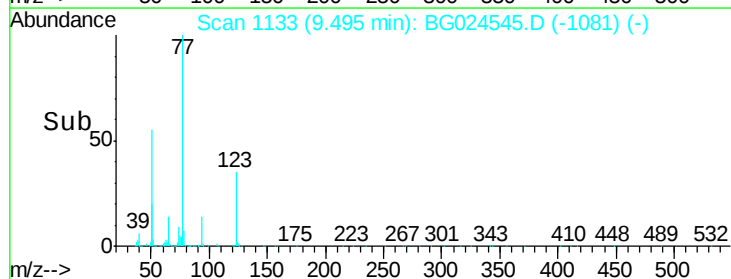
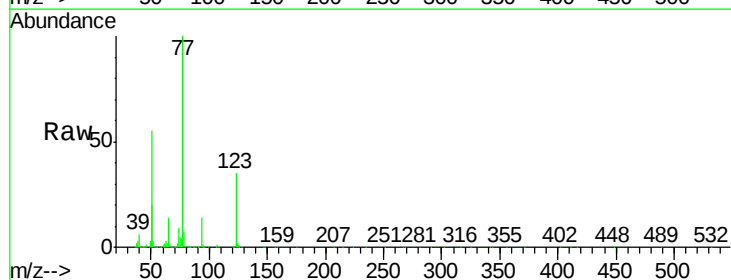
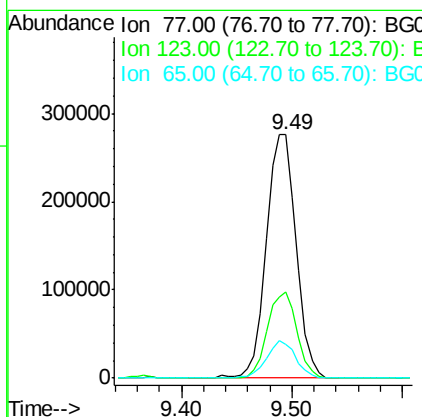
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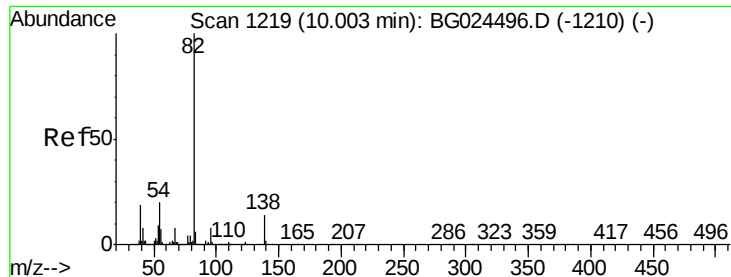
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#24
Nitrobenzene
Concen: 47.52 ng
RT: 9.49 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	521805		
123	35.1	26.1	39.1	
65	14.0	12.4	18.6	





#25

Isophorone

Concen: 50.33 ng

RT: 10.01 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

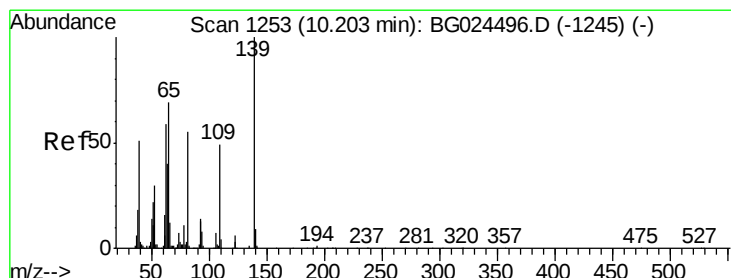
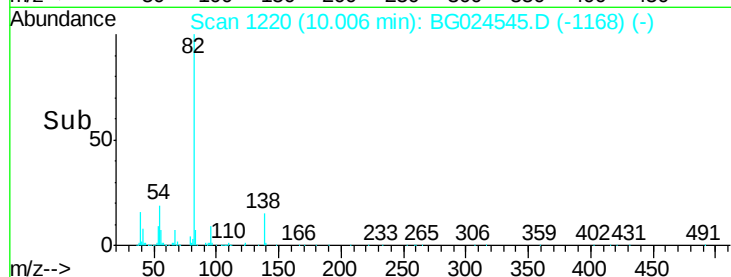
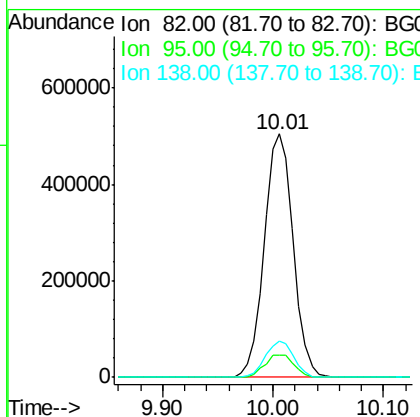
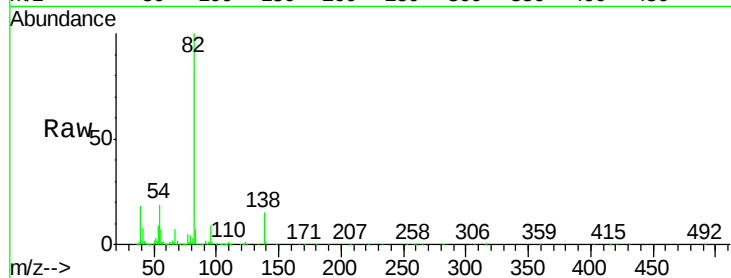
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:	82	Resp:	923955
Ion Ratio		Lower	Upper
82	100		
95	9.1	7.5	11.3
138	14.7	12.3	18.5

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#26

2-Nitrophenol

Concen: 51.64 ng

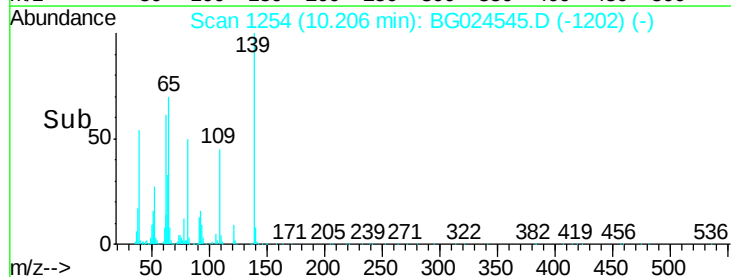
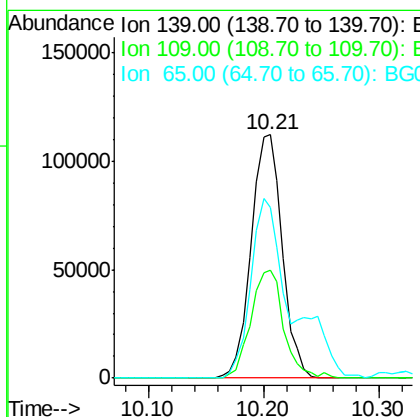
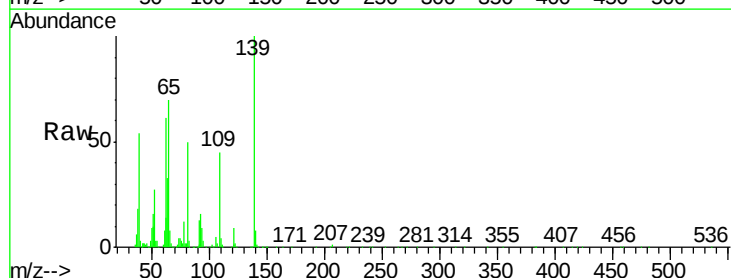
RT: 10.21 min Scan# 1254

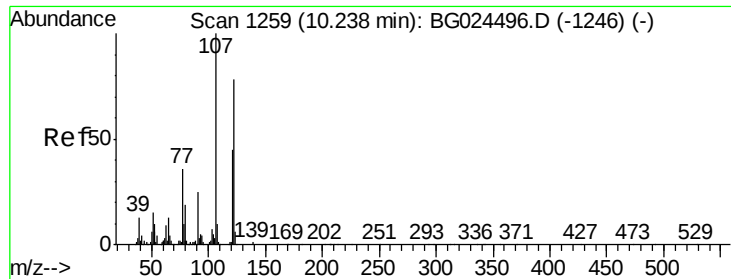
Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:	139	Resp:	210464
Ion Ratio		Lower	Upper
139	100		
109	44.5	38.6	58.0
65	70.0	57.1	85.7





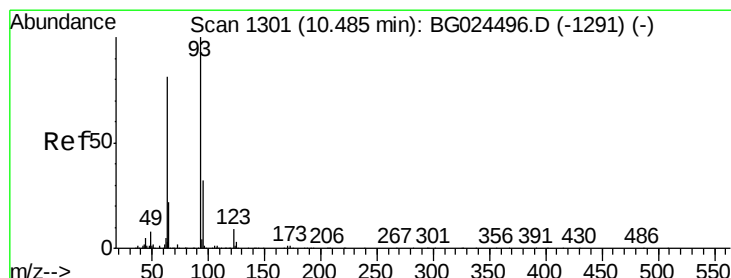
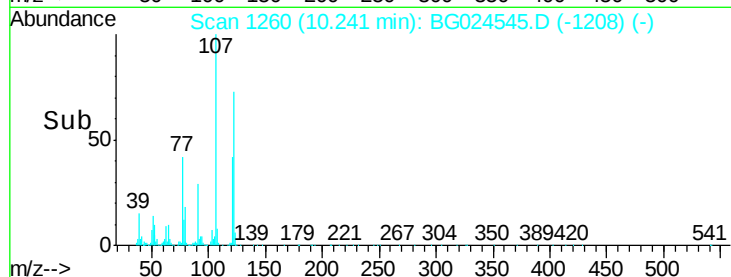
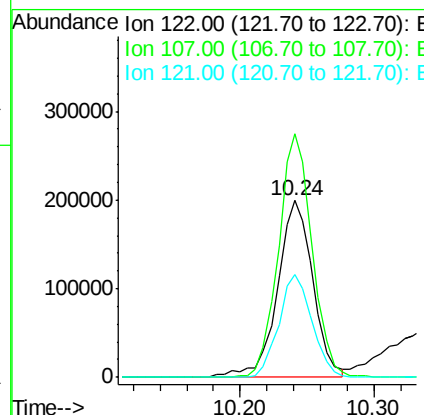
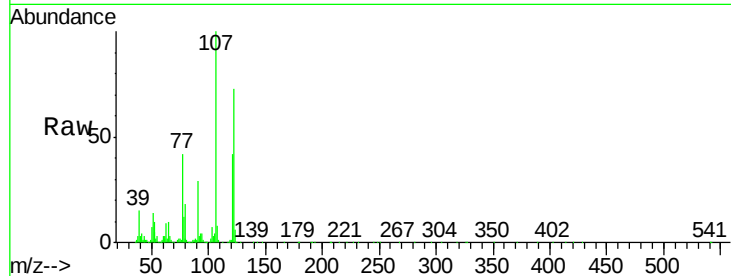
#27
 2,4-Dimethylphenol
 Concen: 51.74 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	369111		
107	137.8	104.2	156.4	
121	58.2	46.0	69.0	

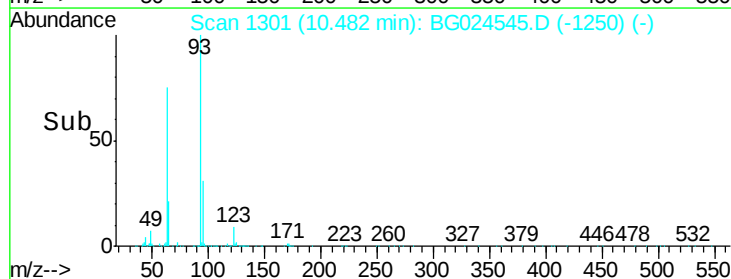
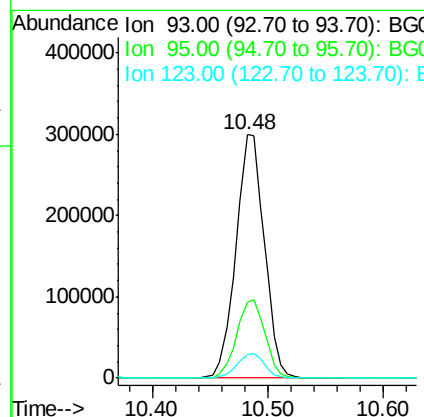
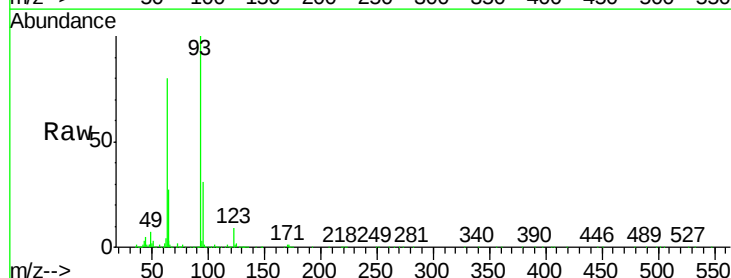
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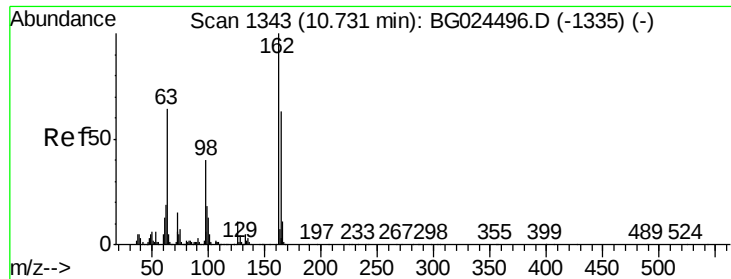
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#28
 bis(2-Chloroethoxy)methane
 Concen: 53.71 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	510222		
95	31.1	25.7	38.5	
123	9.4	8.3	12.5	





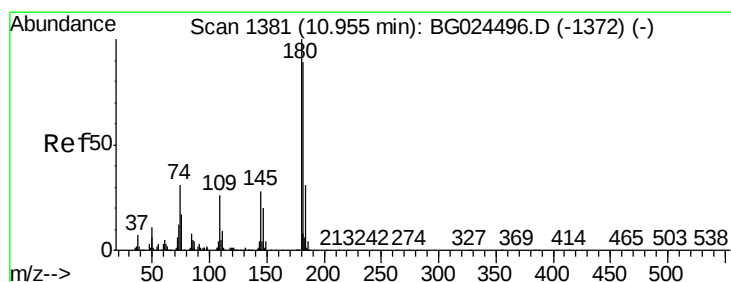
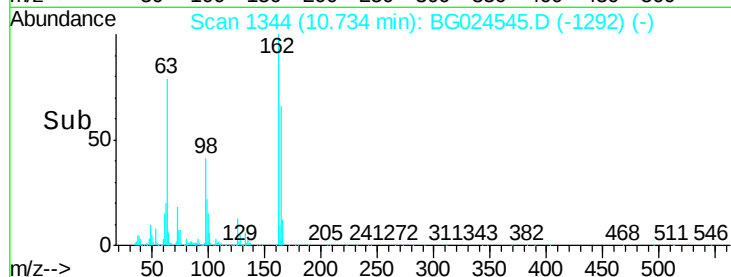
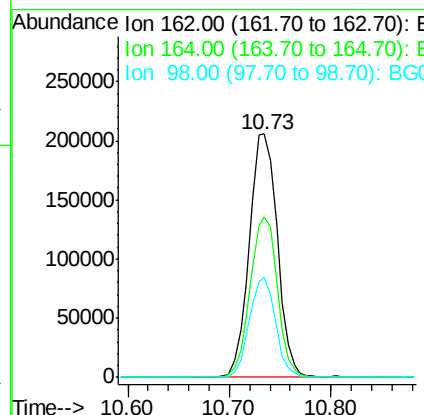
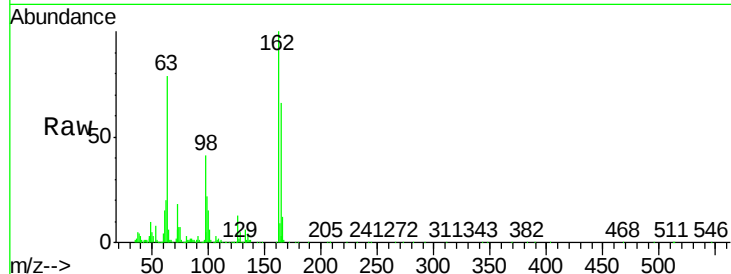
#29
2,4-Dichlorophenol
Concen: 52.81 ng
RT: 10.73 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.0	42.4	82.4
98	41.4	20.3	60.3

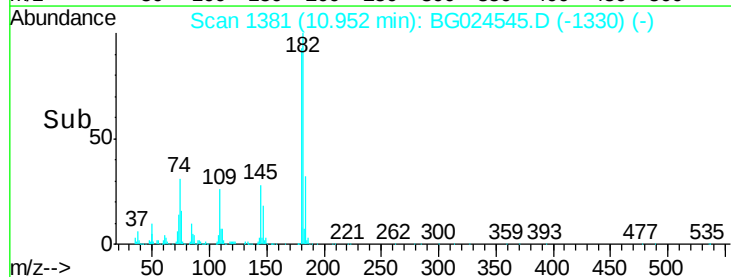
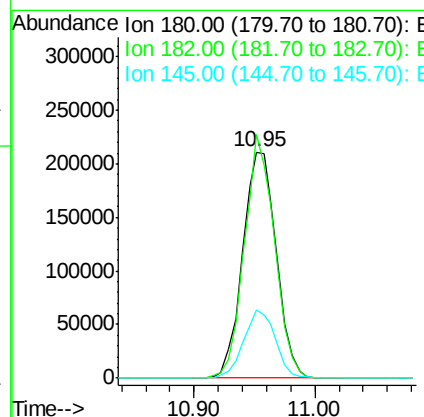
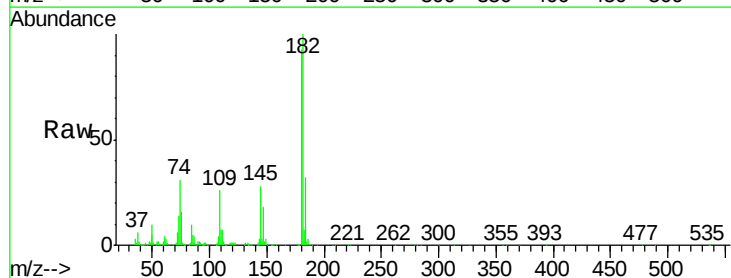
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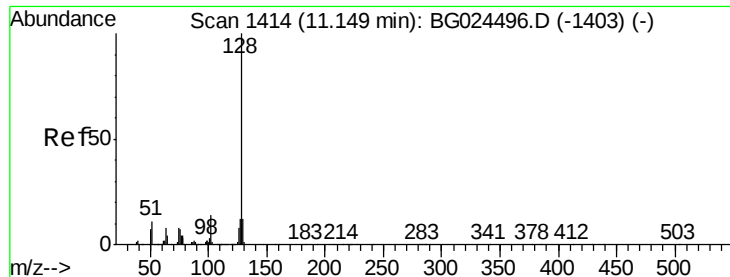
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#30
1,2,4-Trichlorobenzene
Concen: 45.79 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	107.6	77.0	115.4
145	30.4	23.4	35.0





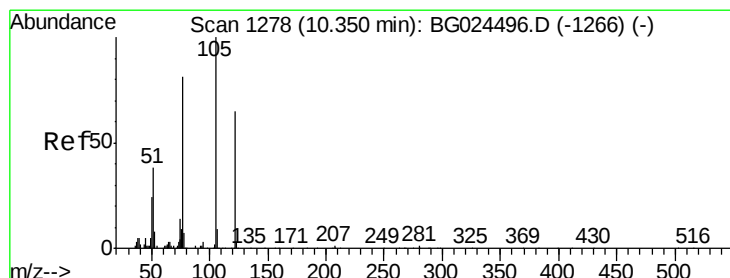
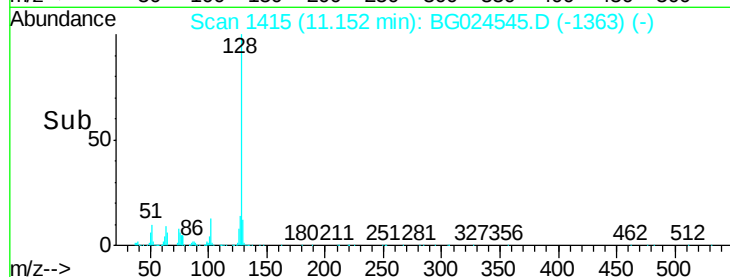
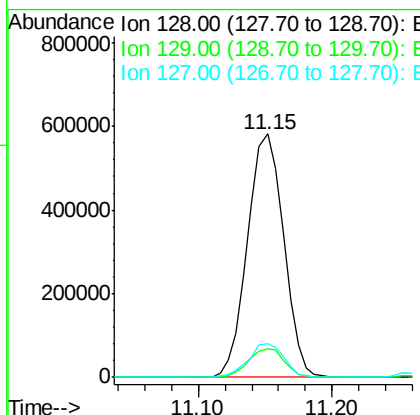
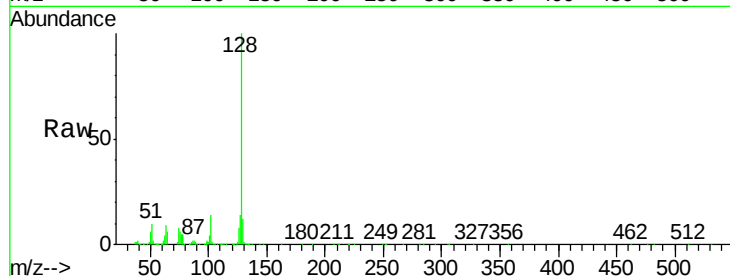
#31
Naphthalene
Concen: 48.64 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	13.8	11.4	17.0

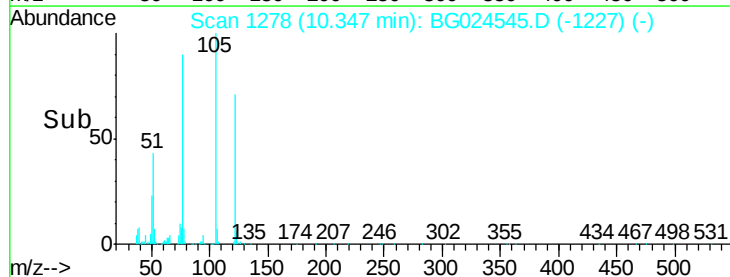
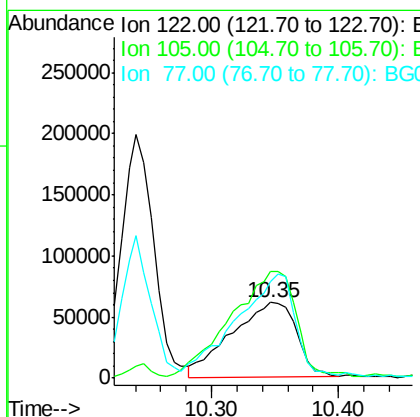
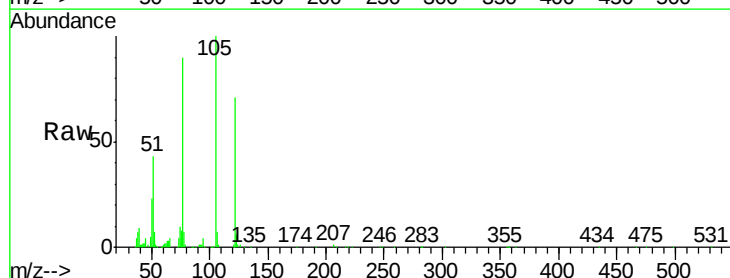
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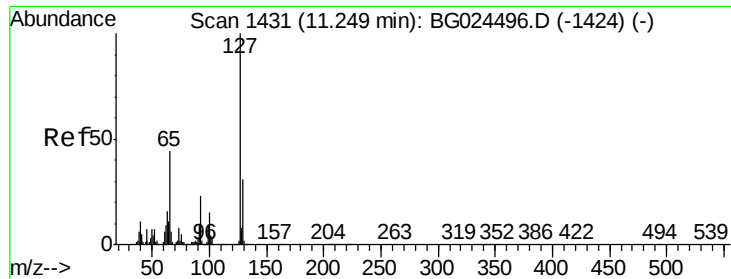
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#32
Benzoic acid
Concen: 36.18 ng
RT: 10.35 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.1	120.1	160.1
77	127.5	104.6	144.6





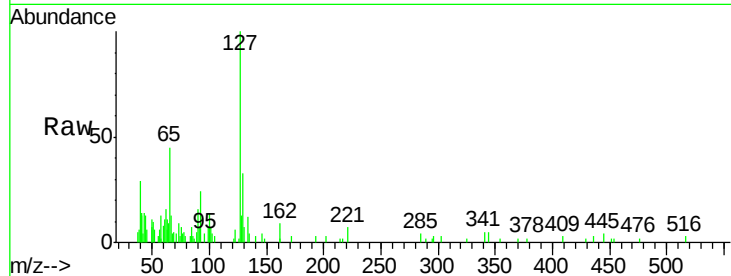
#33
4-Chloroaniline
Concen: 2.01 ng
RT: 11.26 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

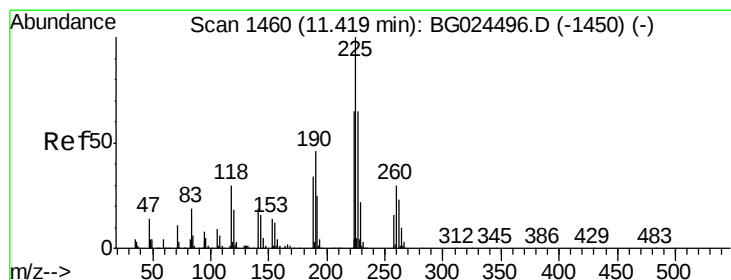
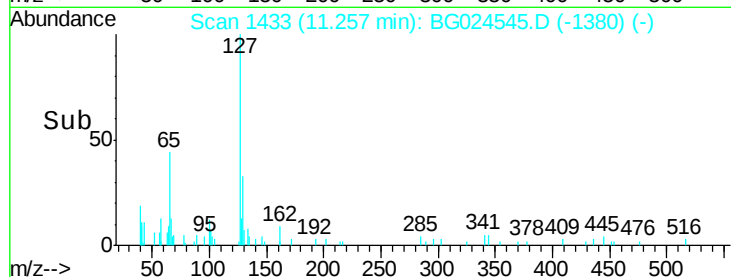
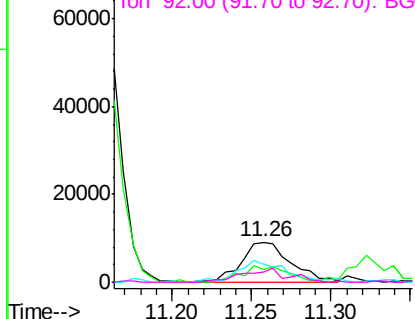
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	19527		
129	33.1	23.6	35.4	
65	45.3	37.7	56.5	
92	24.1	17.6	26.4	

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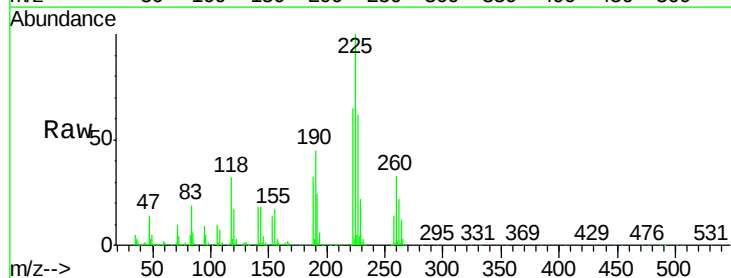


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

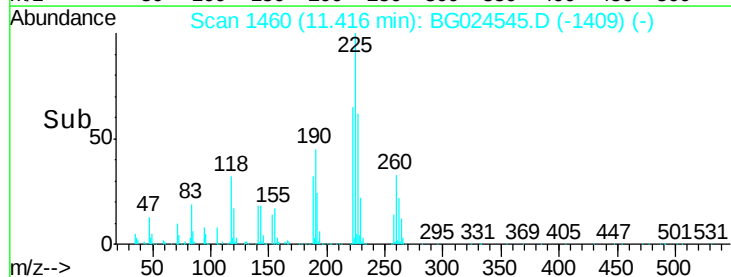
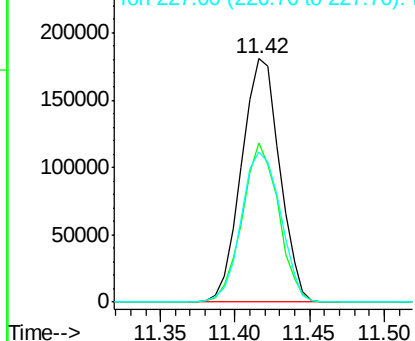


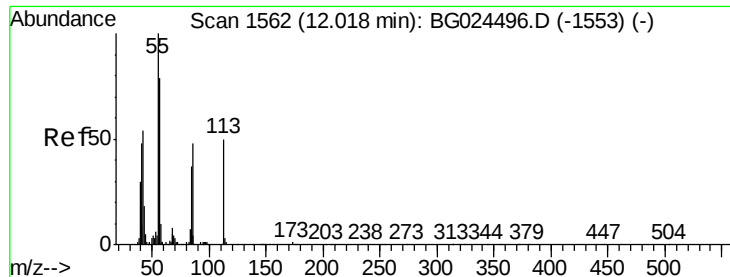
#34
Hexachlorobutadiene
Concen: 46.11 ng
RT: 11.42 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	320575		
223	65.4	50.7	76.1	
227	61.9	49.0	73.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.73 ng m

RT: 12.02 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

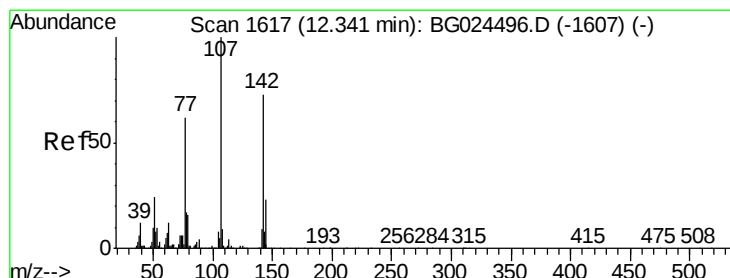
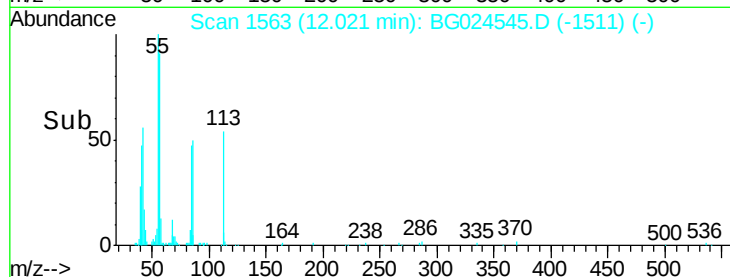
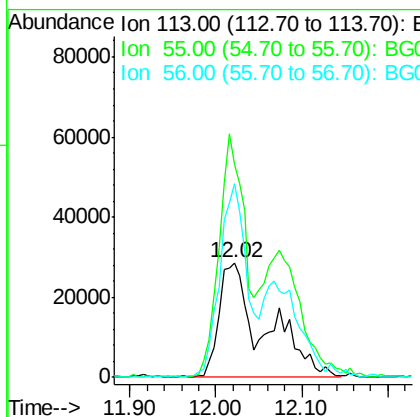
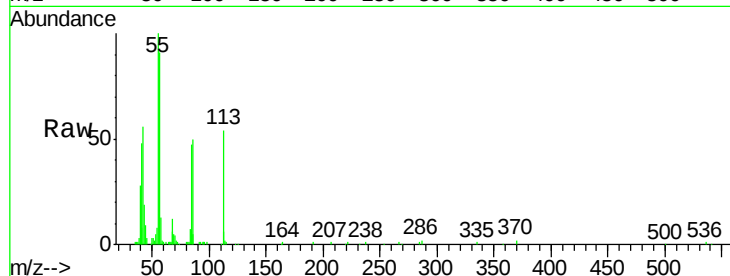
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	186.4	198.6	238.6#
56	169.2	140.4	180.4

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#36

4-Chloro-3-methylphenol

Concen: 50.07 ng

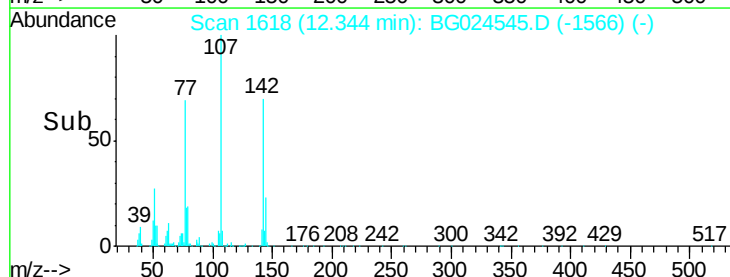
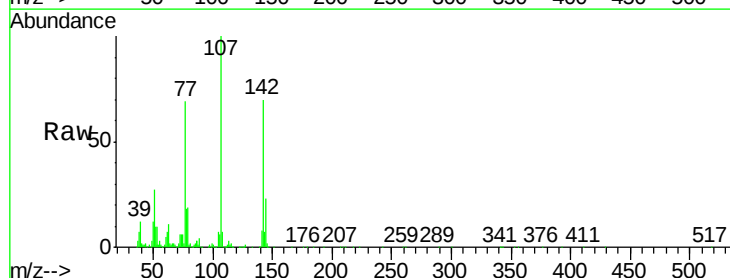
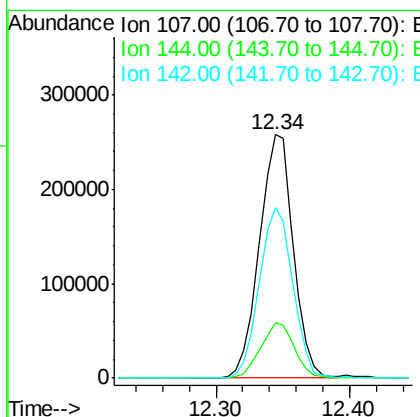
RT: 12.34 min Scan# 1618

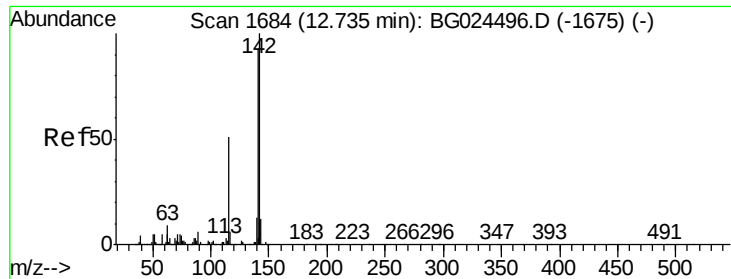
Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	17.4	26.0
142	70.2	54.1	81.1





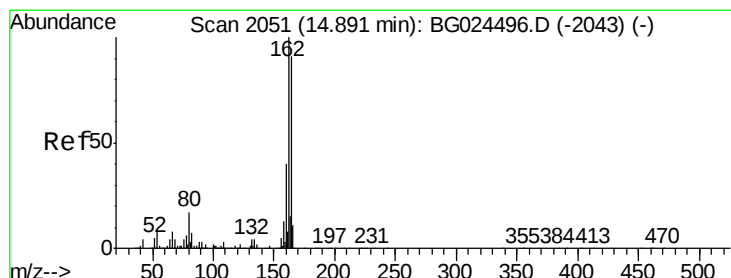
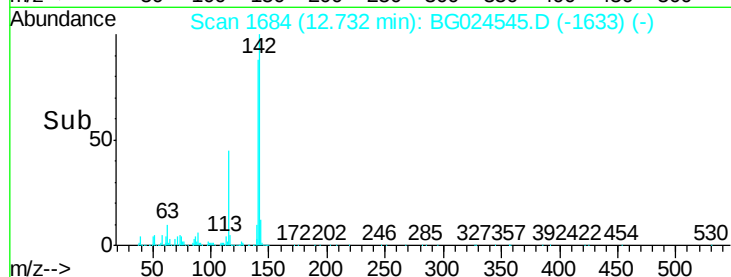
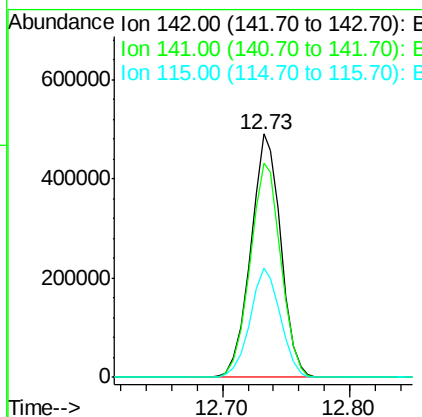
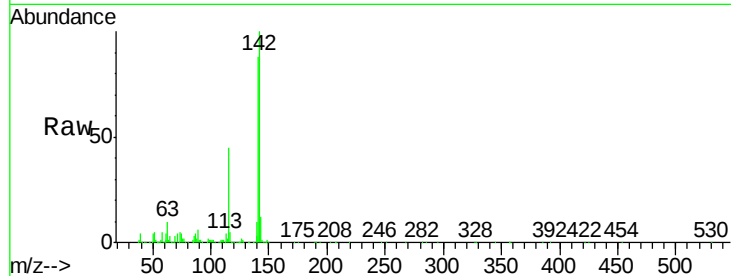
#37
2-Methylnaphthalene
Concen: 49.18 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	804298		
141	88.0		70.4	105.6
115	44.6		35.5	53.3

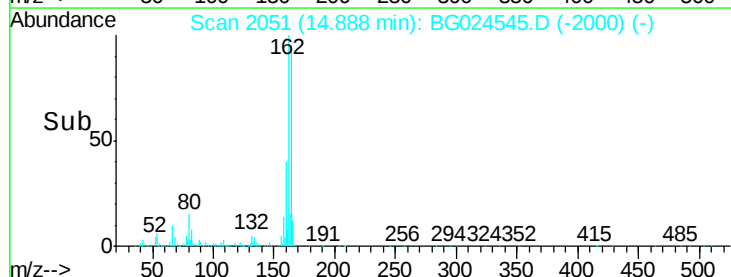
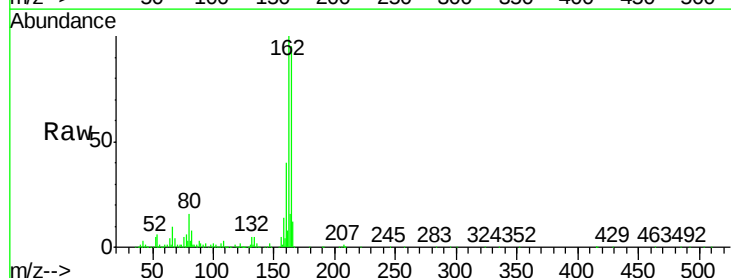
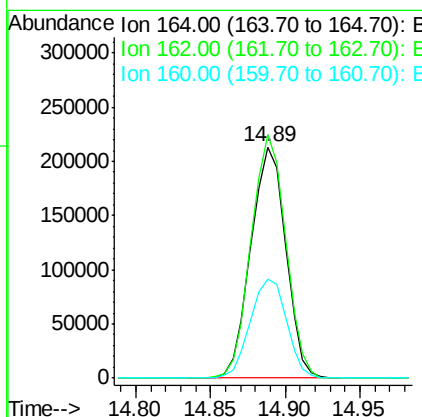
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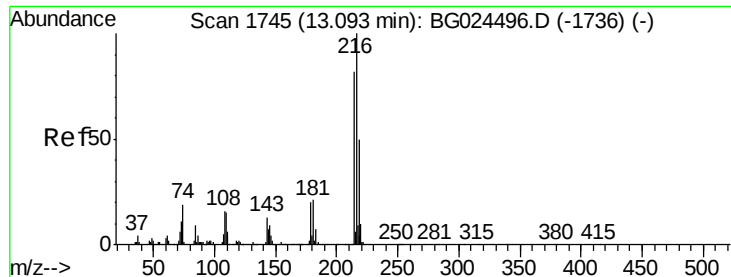
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	343911		
162	105.2		85.1	127.7
160	42.5		34.7	52.1





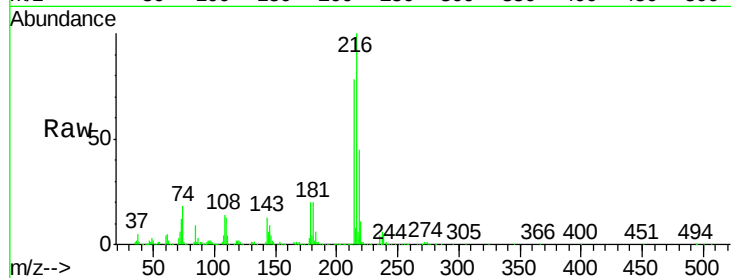
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.67 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

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

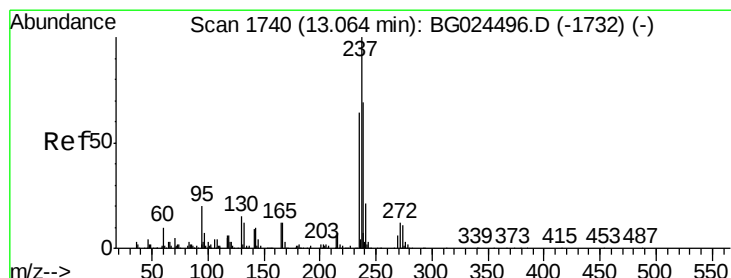
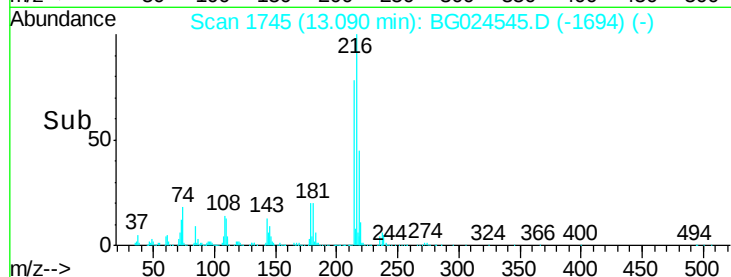
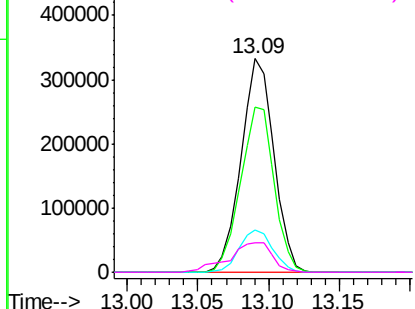
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.4	96.6
179	20.3	17.4	26.0
108	18.5	15.6	23.4

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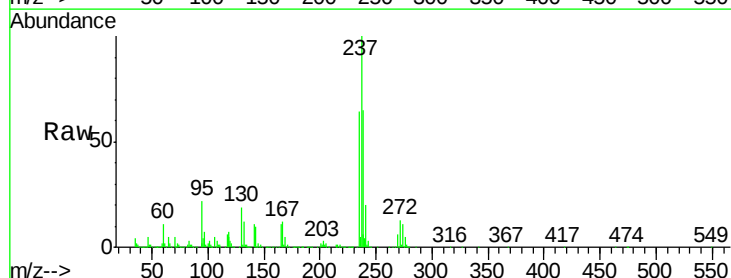


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

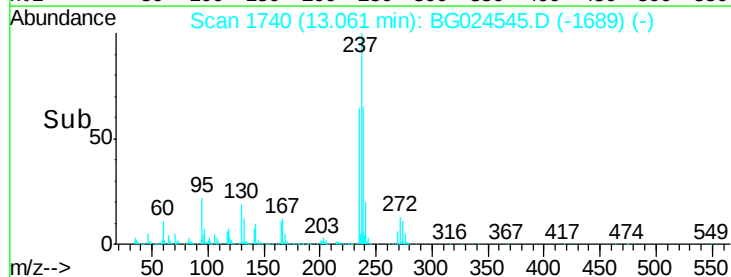
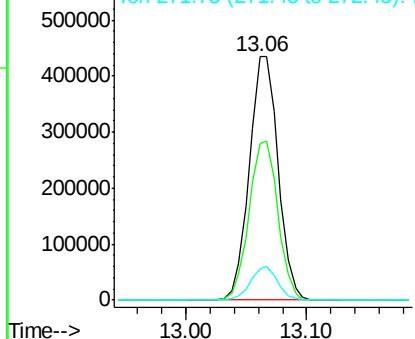


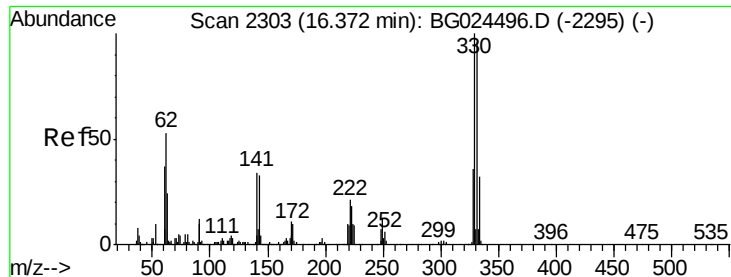
#40
 Hexachlorocyclopentadiene
 Concen: 110.39 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	39.4	79.4
272	13.0	0.0	32.0



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





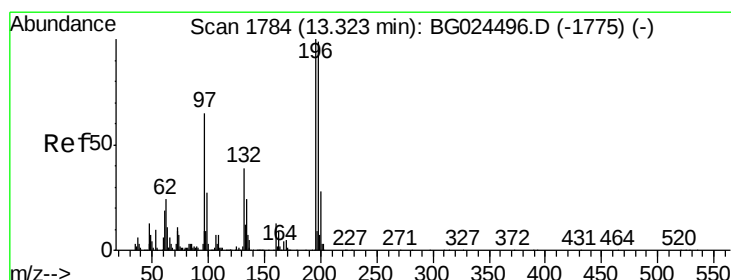
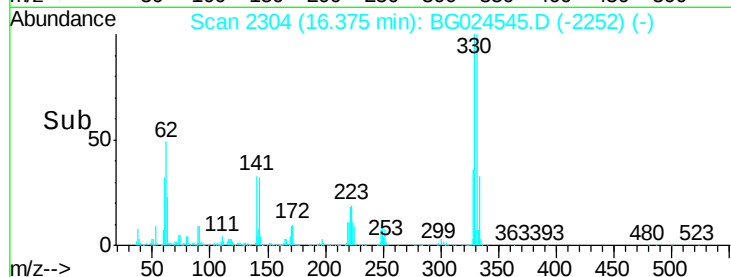
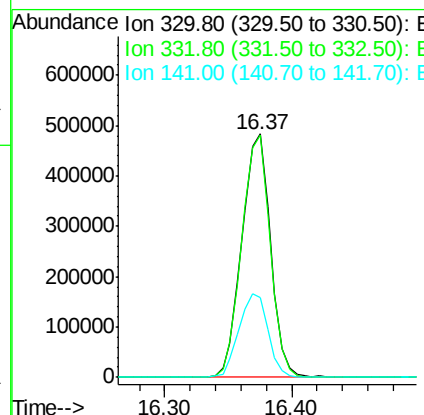
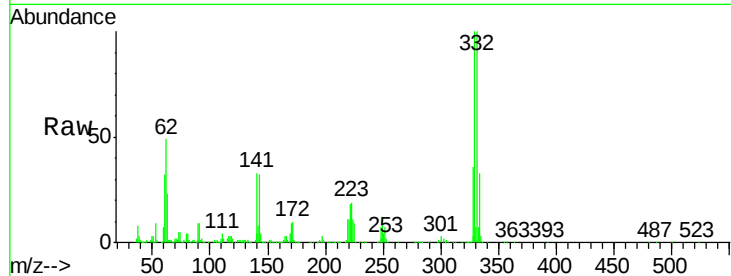
#41
 2,4,6-Tribromophenol
 Concen: 147.33 ng
 RT: 16.37 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.9	77.3	115.9	
141	34.9	32.1	48.1	

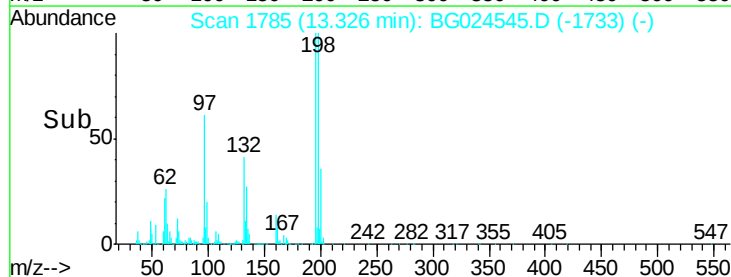
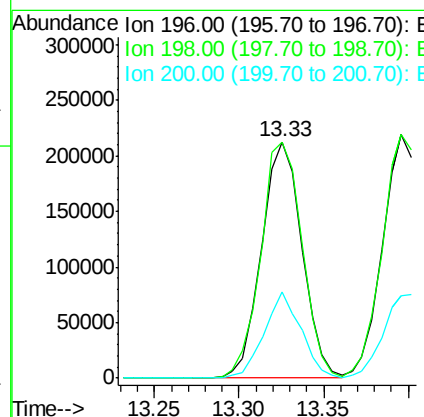
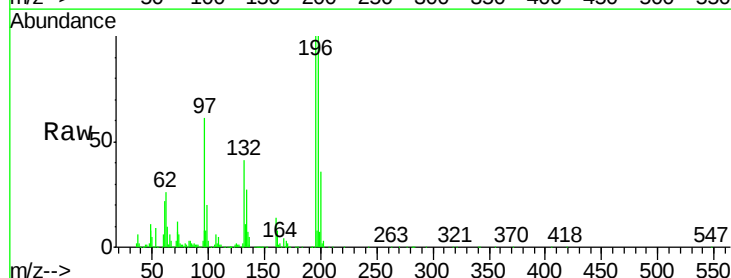
Manual Integrations
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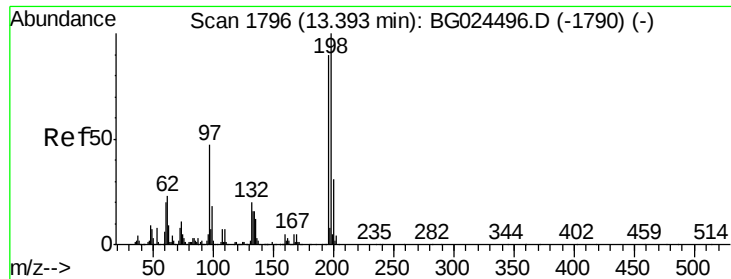
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#42
 2,4,6-Trichlorophenol
 Concen: 50.43 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.8	81.4	122.2	
200	36.3	27.0	40.6	





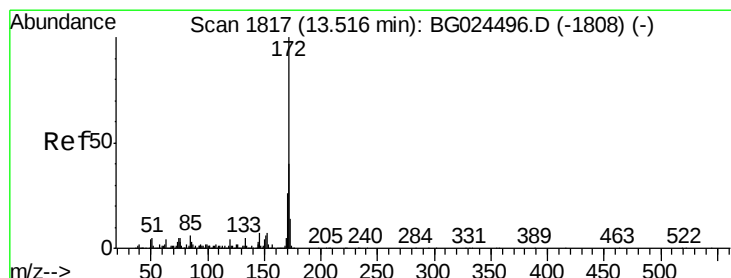
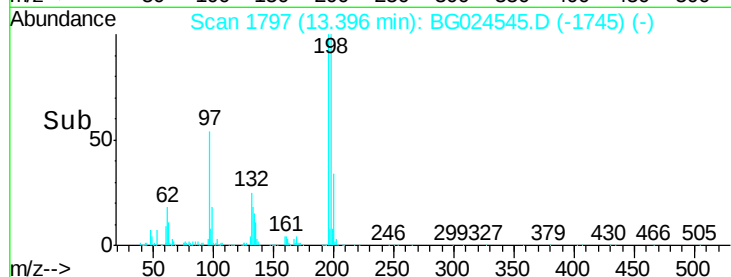
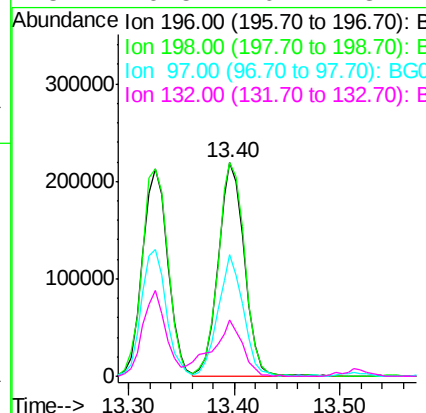
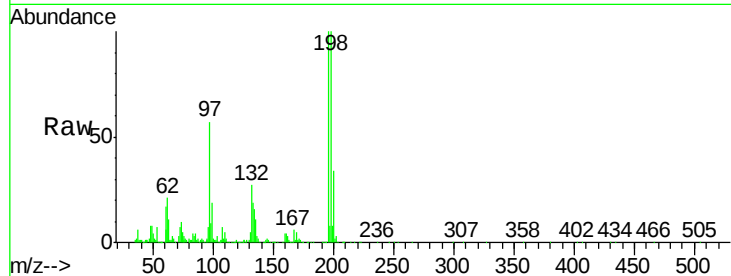
#43
2,4,5-Trichlorophenol
Concen: 50.11 ng
RT: 13.40 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	377727		
198	100.0	79.9	119.9	
97	57.0	45.4	68.0	
132	26.5	20.7	31.1	

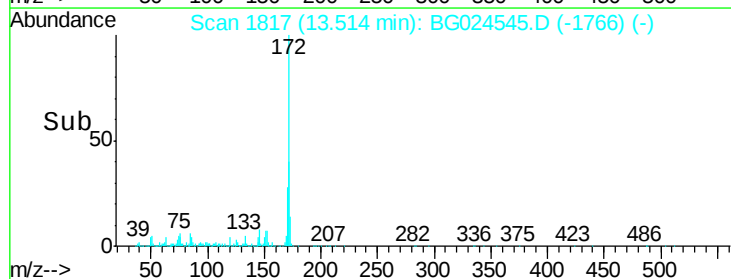
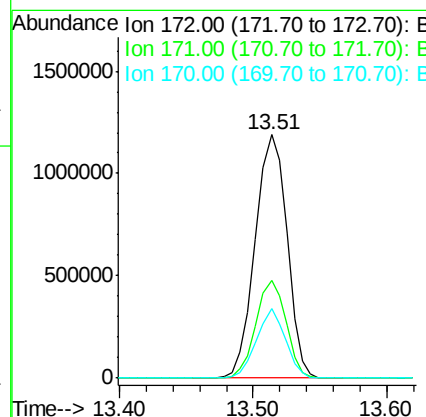
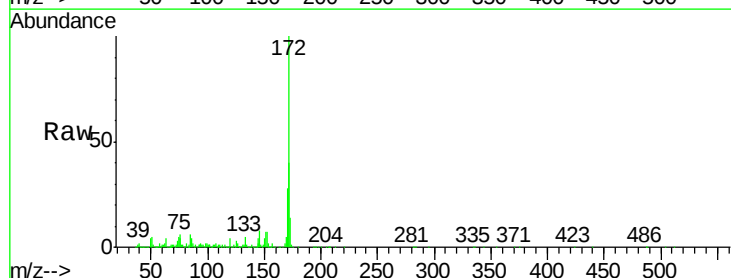
Manual Integrations
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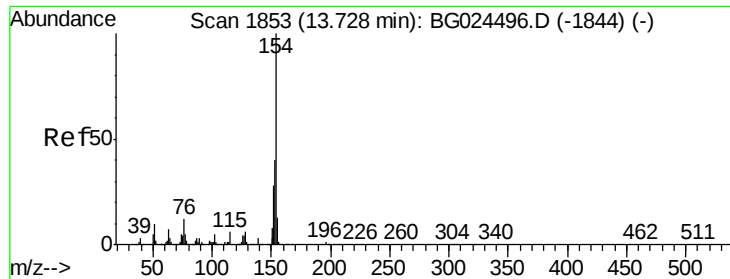
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#44
2-Fluorobiphenyl
Concen: 94.69 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1959193		
171	40.4	32.2	48.2	
170	28.4	21.8	32.6	





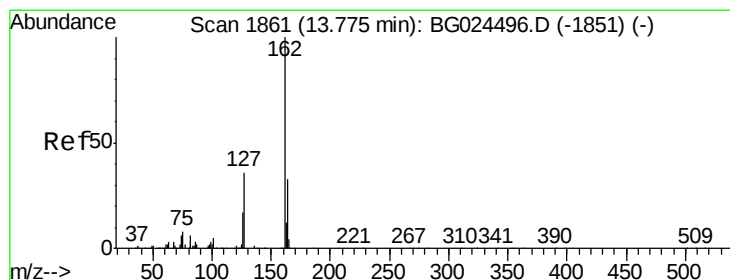
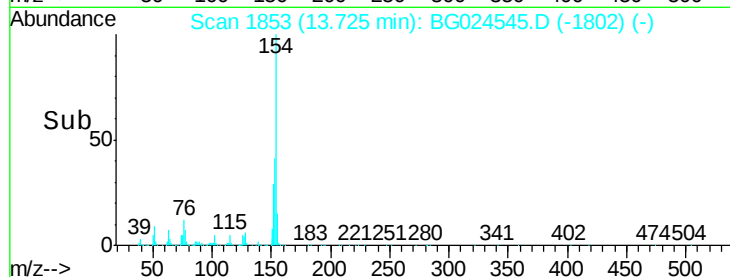
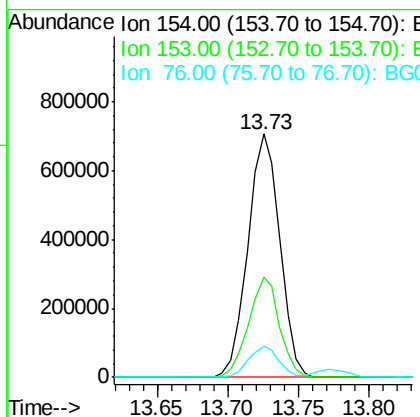
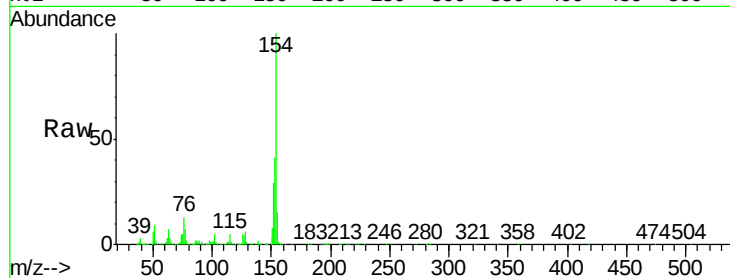
#45
 1,1'-Biphenyl
 Concen: 46.90 ng
 RT: 13.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.0	63.0
76	12.6	0.0	33.5

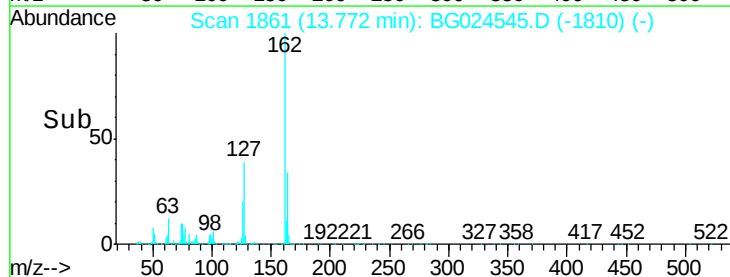
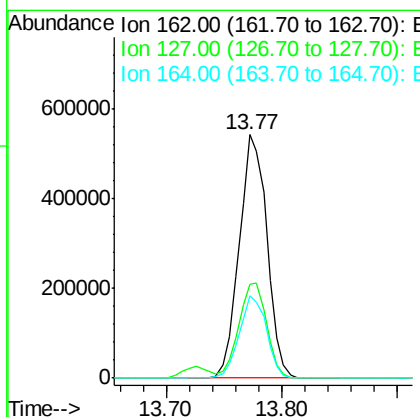
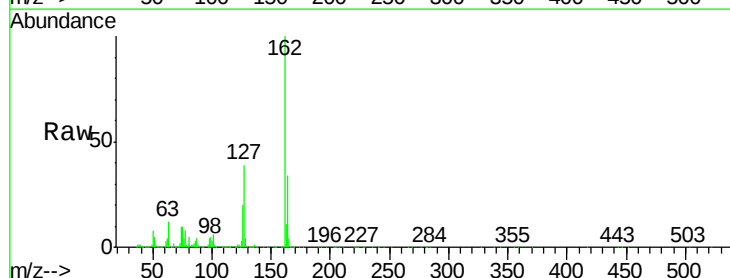
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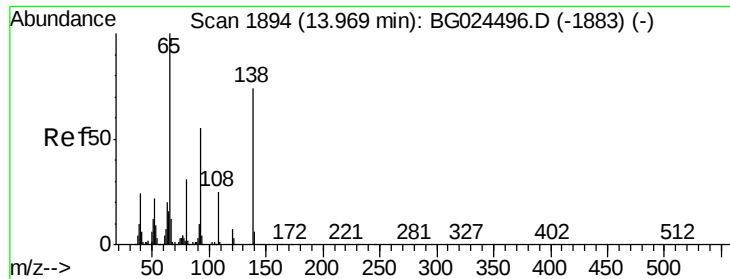
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#46
 2-Chloronaphthalene
 Concen: 49.33 ng
 RT: 13.77 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.2	48.4
164	34.0	27.3	40.9





#47

2-Nitroaniline

Concen: 47.86 ng

RT: 13.98 min Scan# 1896

Delta R.T. 0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

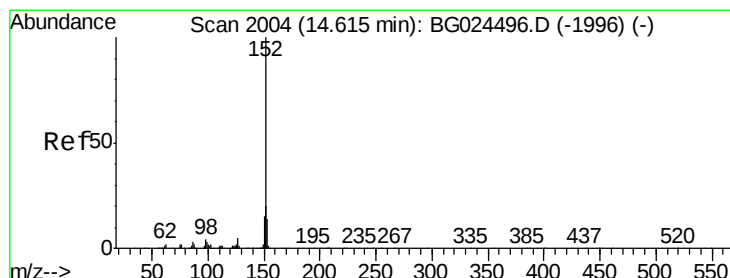
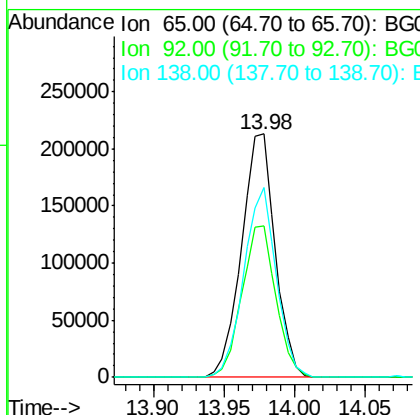
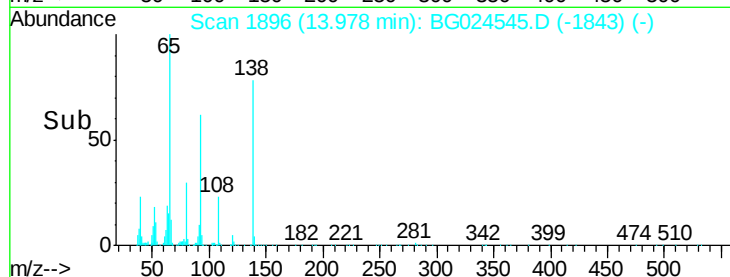
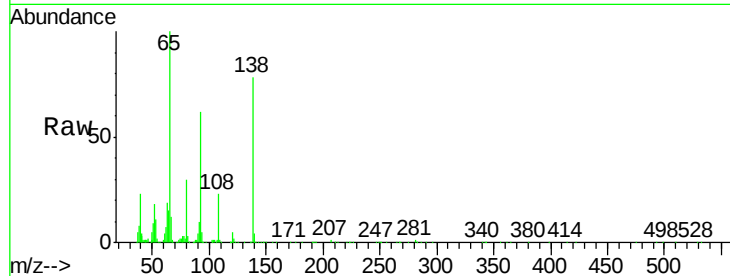
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.1	49.0	73.4
138	77.8	58.6	87.8

Manual Integrations
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#48

Acenaphthylene

Concen: 47.52 ng

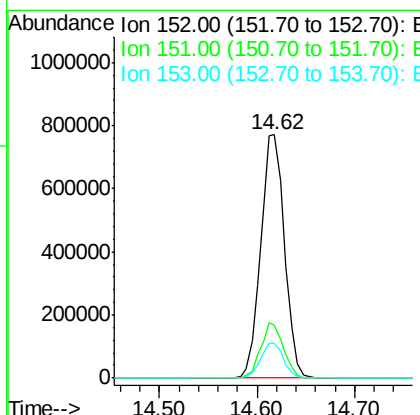
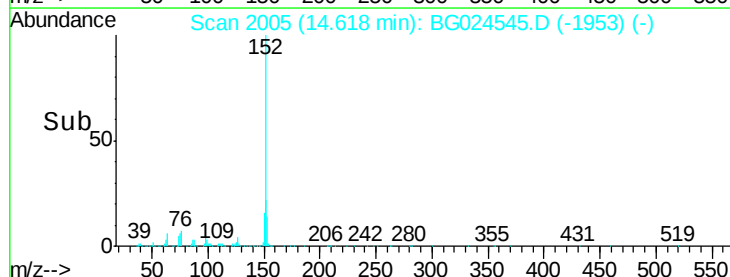
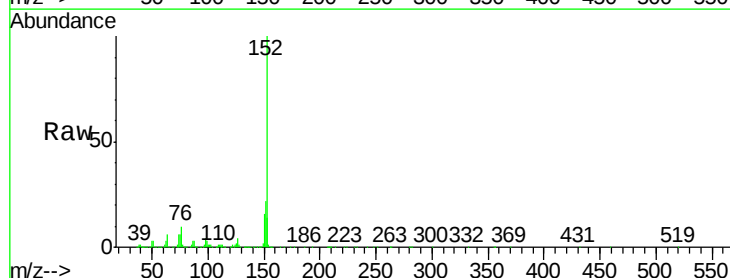
RT: 14.62 min Scan# 2005

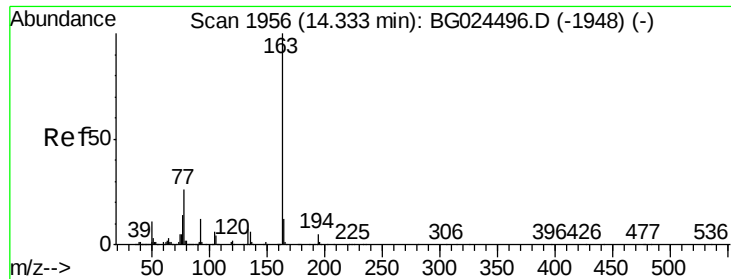
Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	18.2	27.2
153	14.3	11.3	16.9





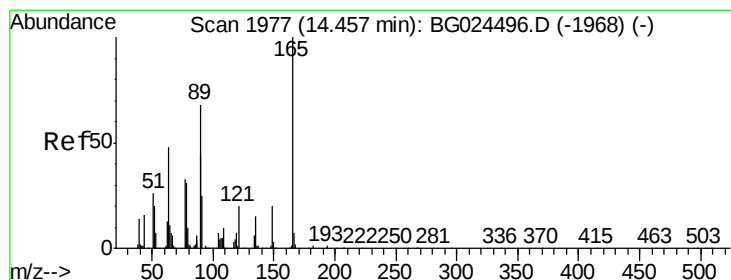
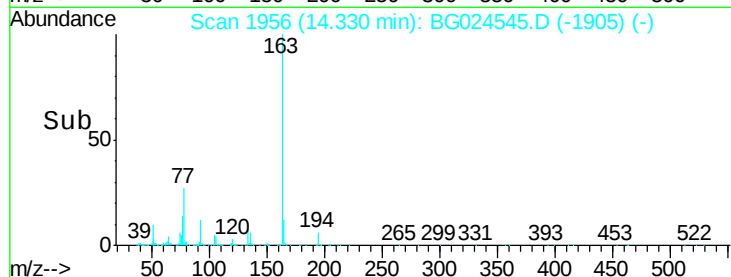
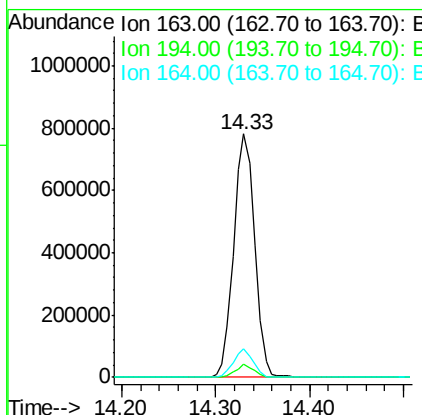
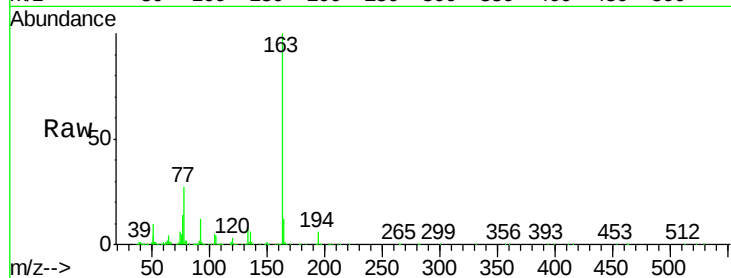
#49
Dimethylphthalate
Concen: 49.50 ng
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.8	5.6
164	11.9	9.3	13.9

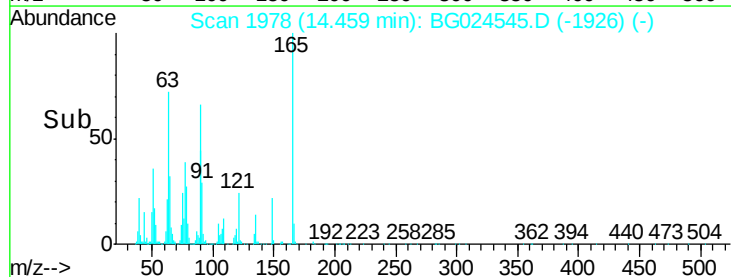
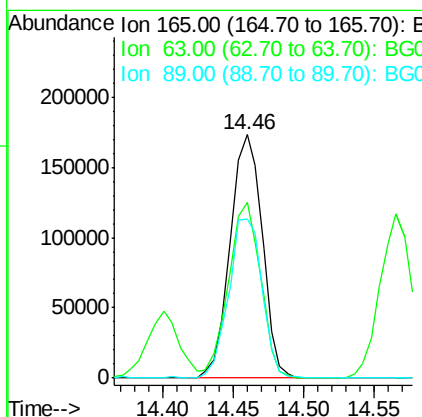
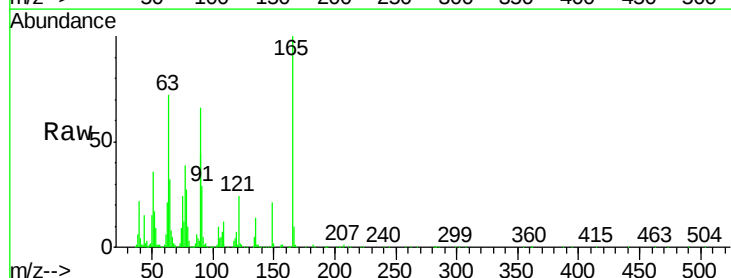
Manual Integrations
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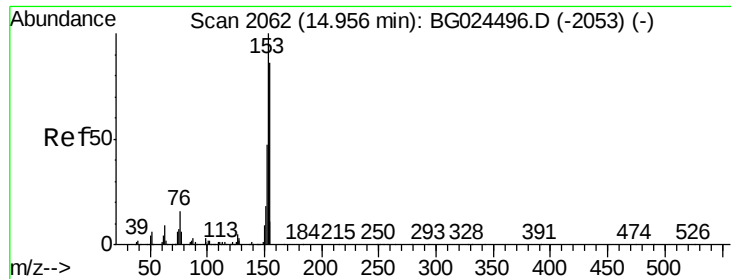
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#50
2,6-Dinitrotoluene
Concen: 52.63 ng
RT: 14.46 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.0	63.9	95.9
89	65.6	58.6	88.0





#51

Acenaphthene

Concen: 41.96 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

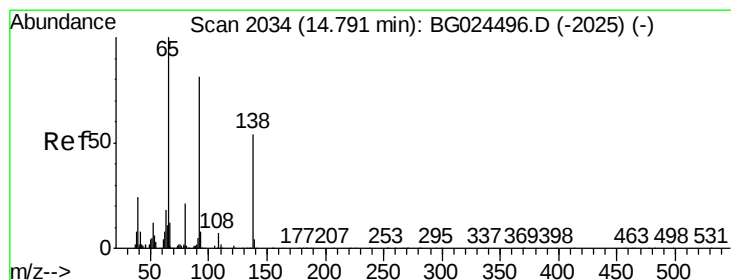
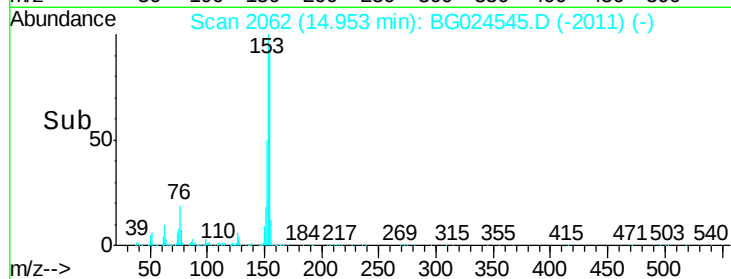
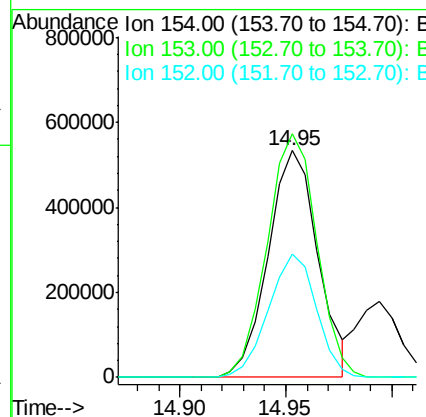
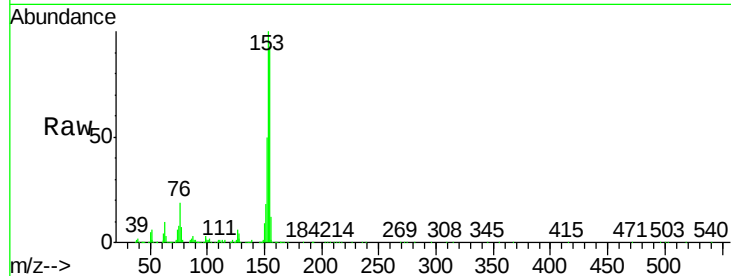
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:	154	Resp:	871695
Ion Ratio	Lower	Upper	
154	100		
153	107.4	87.8	131.6
152	54.2	42.2	63.4

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#52

3-Nitroaniline

Concen: 8.17 ng

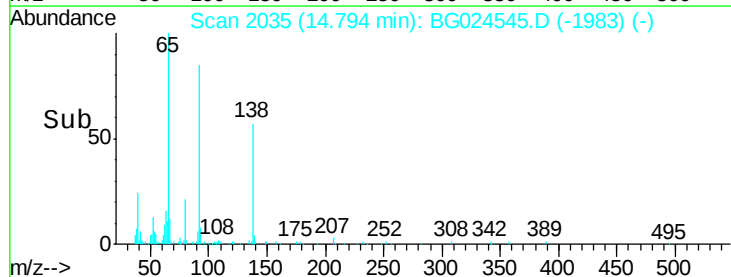
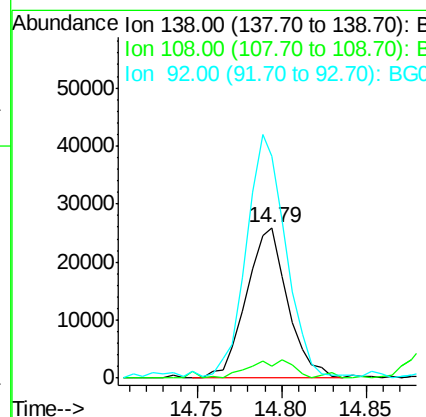
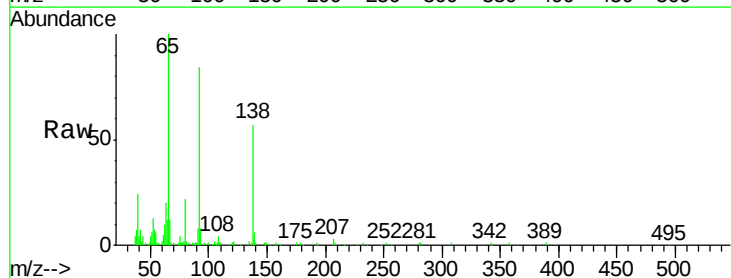
RT: 14.79 min Scan# 2035

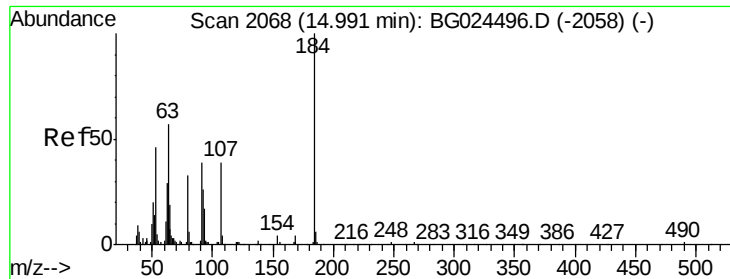
Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:	138	Resp:	44064
Ion Ratio	Lower	Upper	
138	100		
108	7.6	10.9	16.3#
92	147.9	115.3	172.9





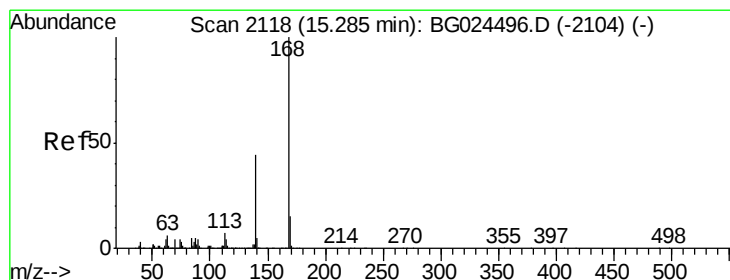
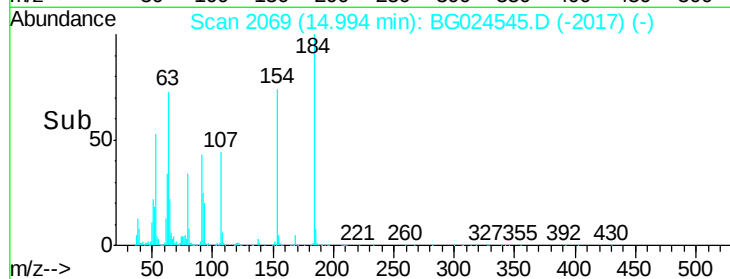
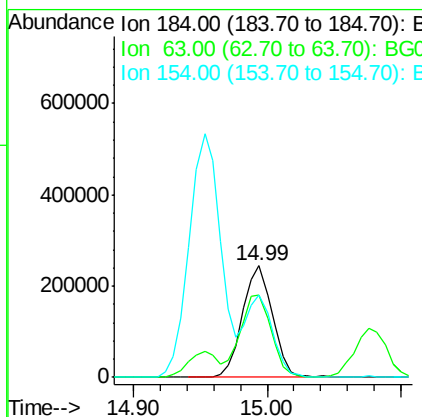
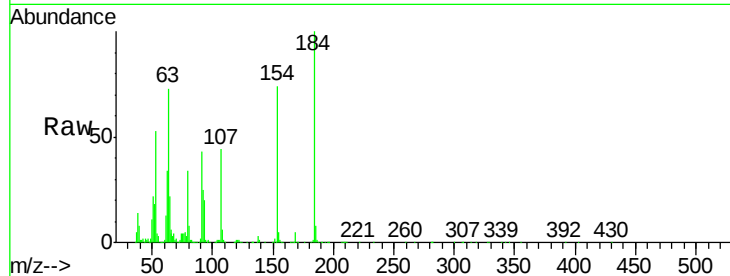
#53
2,4-Dinitrophenol
Concen: 99.85 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.3	52.7	79.1
154	73.6	57.3	85.9

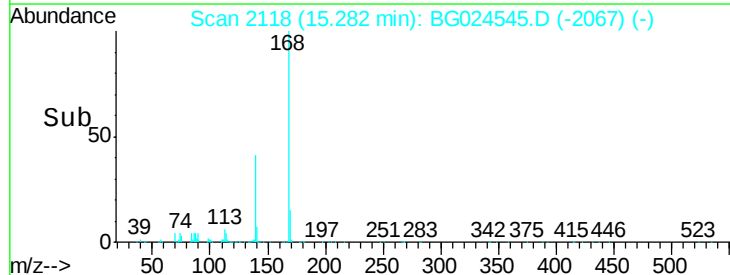
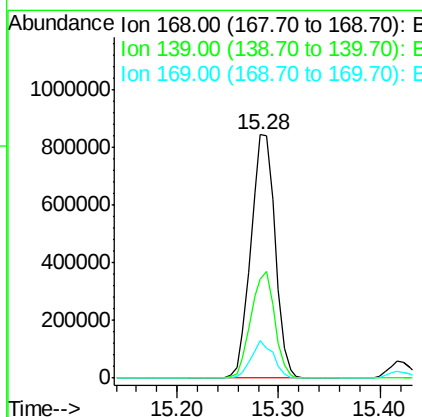
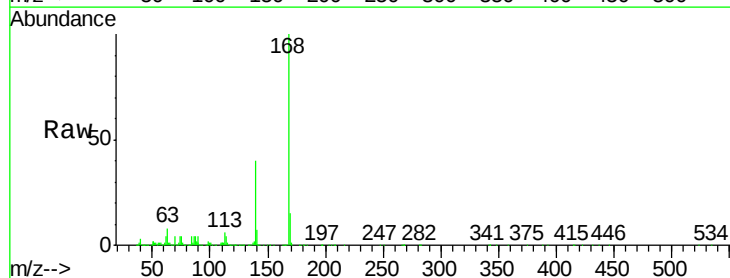
Manual Integrations
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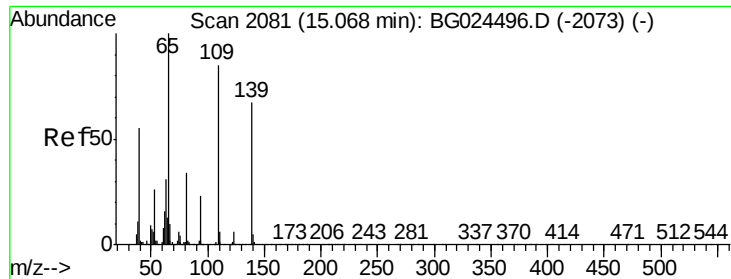
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#54
Dibenzofuran
Concen: 48.62 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	35.3	52.9
169	15.3	11.5	17.3





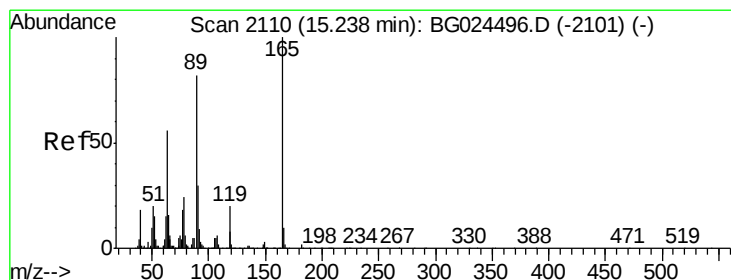
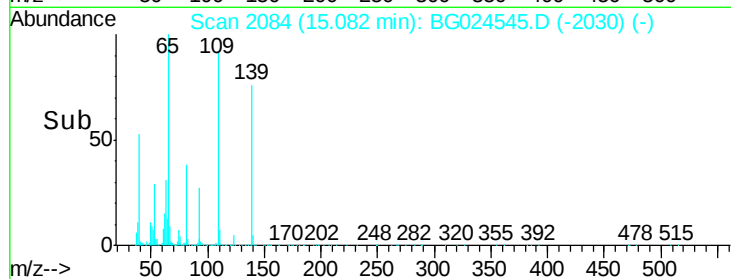
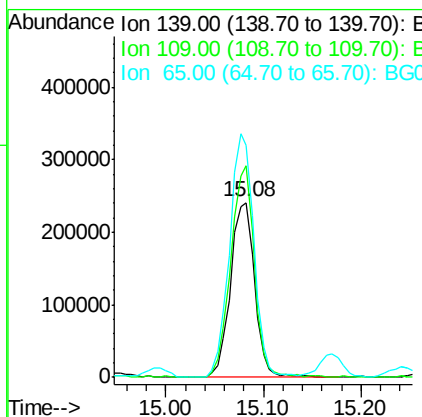
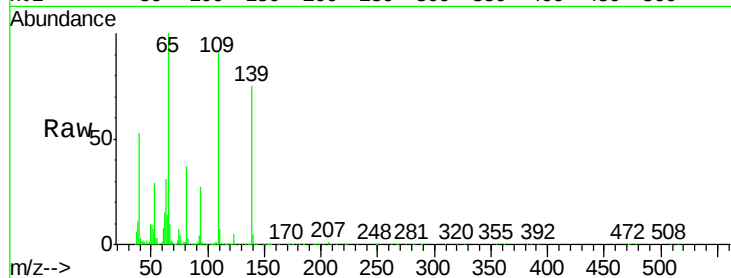
#55
4-Nitrophenol
Concen: 88.52 ng
RT: 15.08 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	121.2	101.2	141.2	
65	133.2	135.3	175.3	

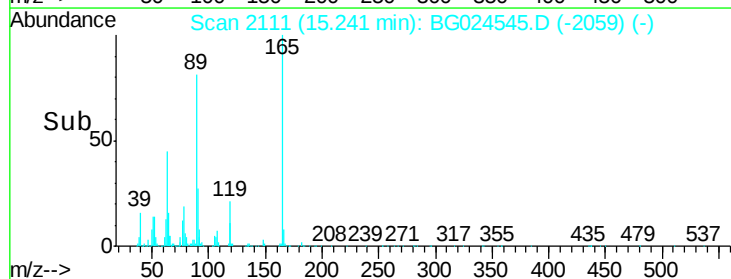
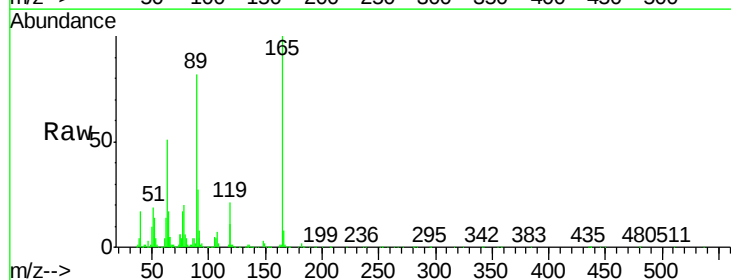
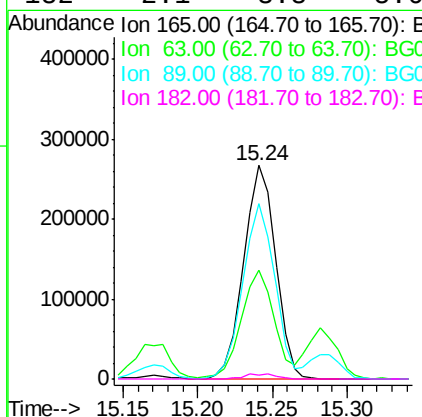
Manual Integrations
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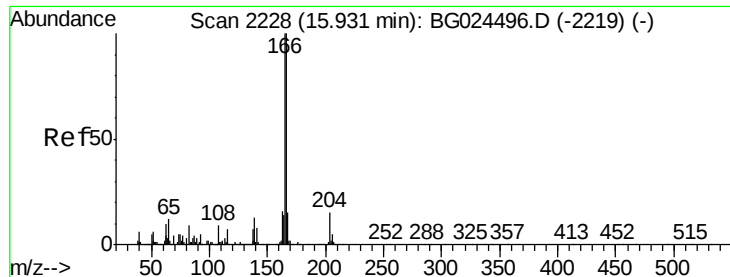
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#56
2,4-Dinitrotoluene
Concen: 52.19 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.0	44.0	66.0	
89	81.8	67.3	100.9	
182	2.1	3.8	5.6	





#57

Fluorene

Concen: 46.83 ng

RT: 15.93 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:166 Resp: 1115313

Ion Ratio Lower Upper

166 100

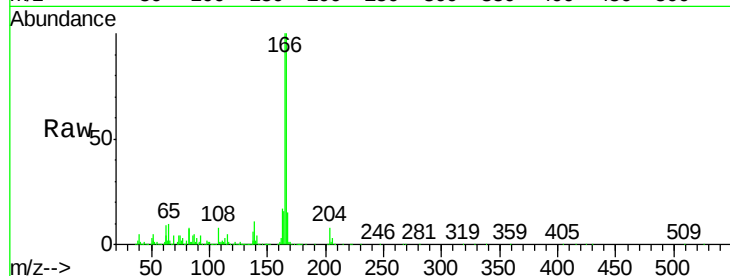
165 99.7 78.6 117.8

167 15.2 11.6 17.4

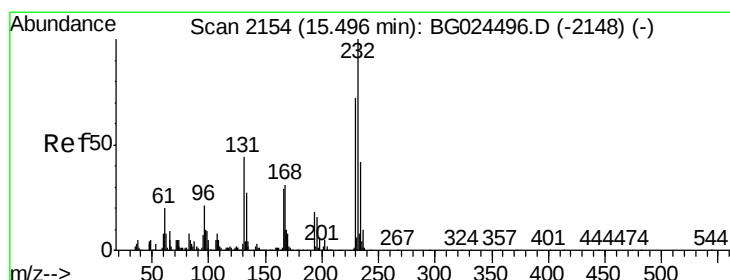
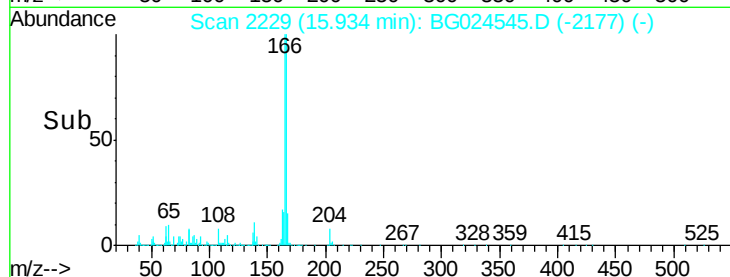
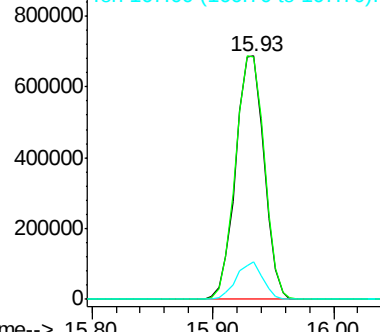
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.03 ng

RT: 15.50 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:232 Resp: 398783

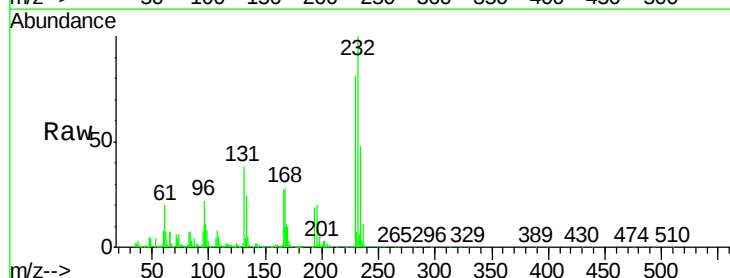
Ion Ratio Lower Upper

232 100

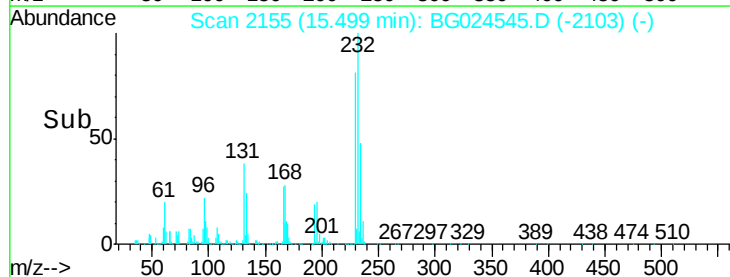
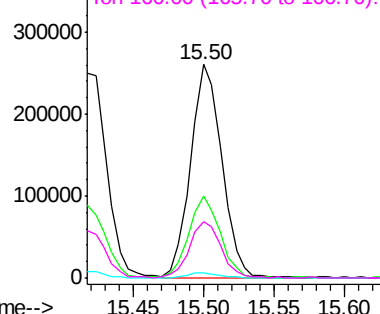
131 38.2 34.9 52.3

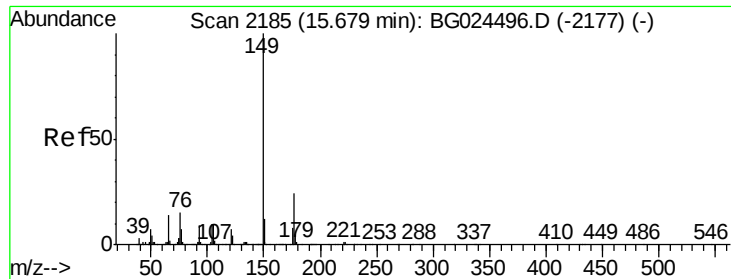
130 2.6 2.3 3.5

166 26.4 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





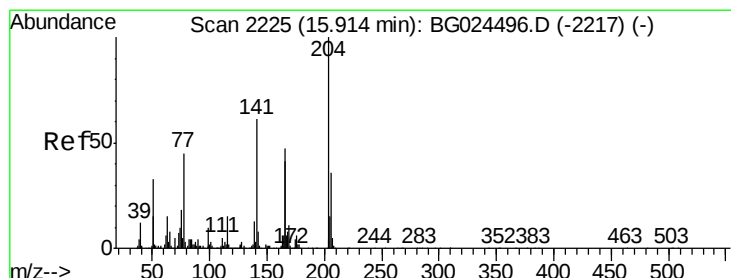
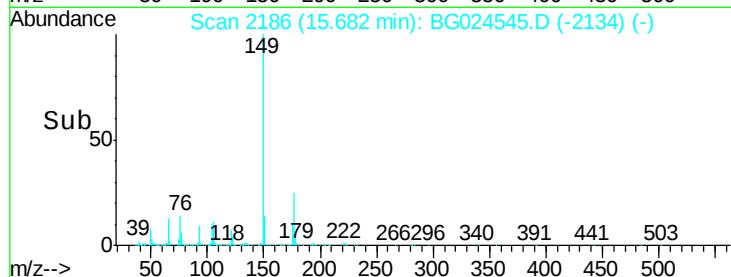
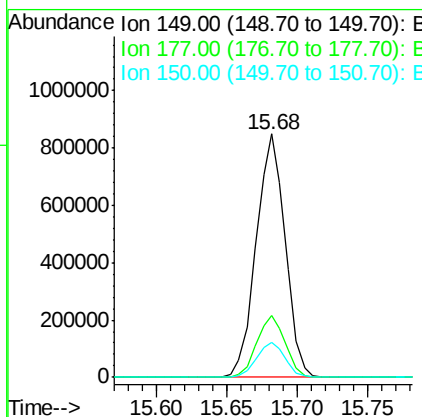
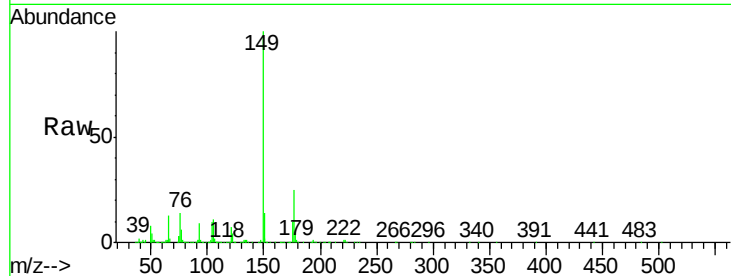
#59
Diethylphthalate
Concen: 47.78 ng
RT: 15.68 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.3	20.1	30.1
150	14.4	10.2	15.2

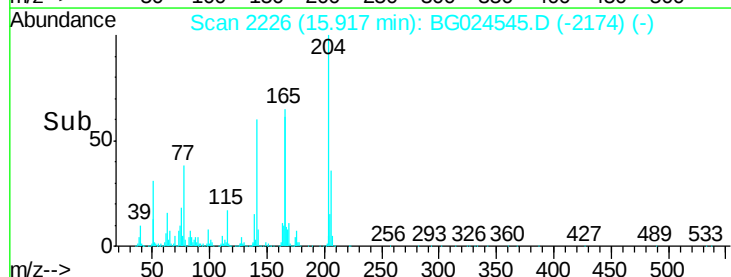
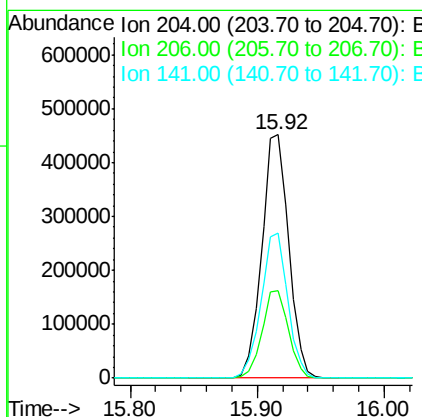
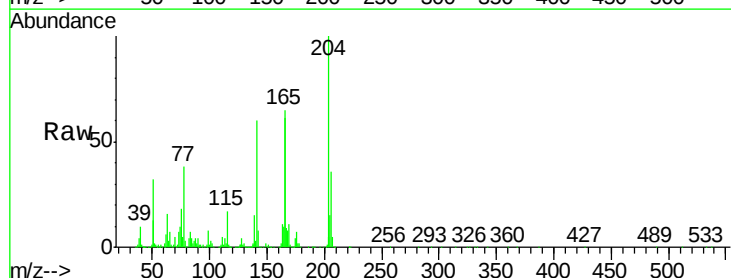
Manual Integrations
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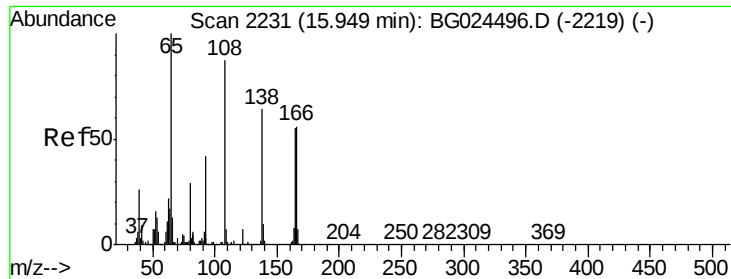
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#60
4-Chlorophenyl-phenylether
Concen: 49.95 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.0	30.1	45.1
141	59.8	50.6	76.0





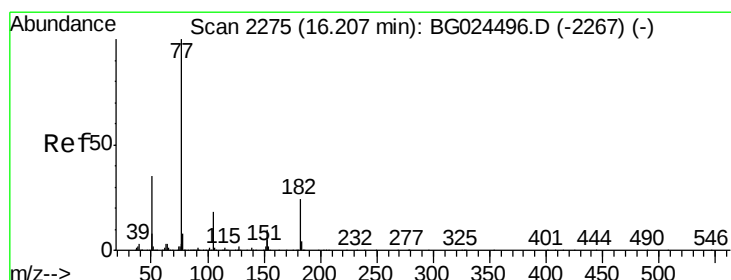
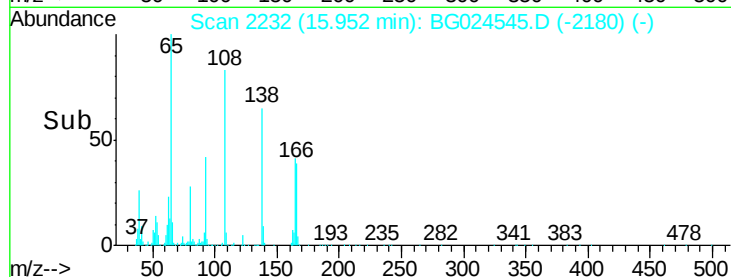
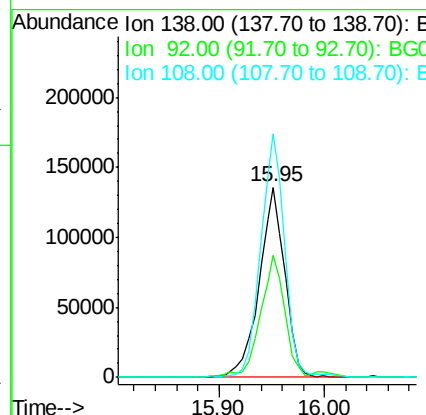
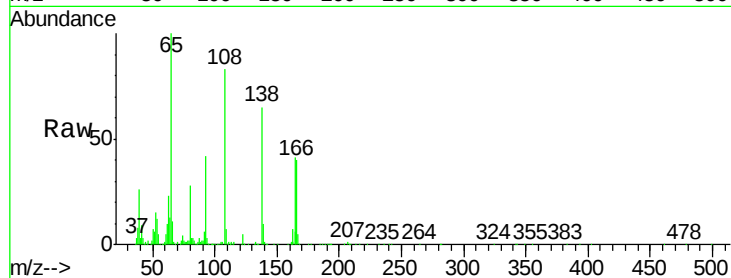
#61
4-Nitroaniline
Concen: 39.01 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.9	44.2	84.2
108	128.1	104.8	144.8

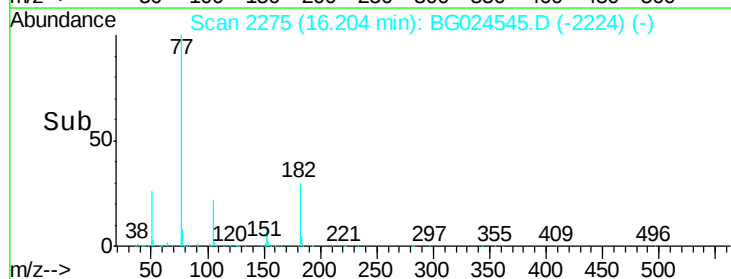
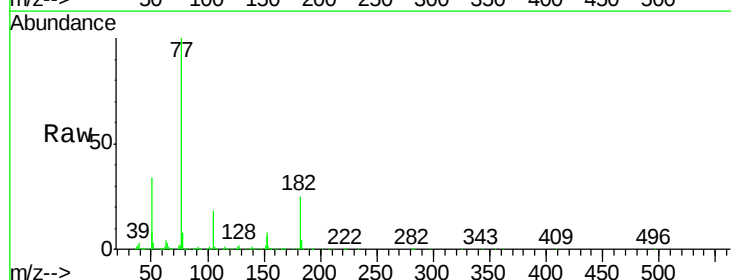
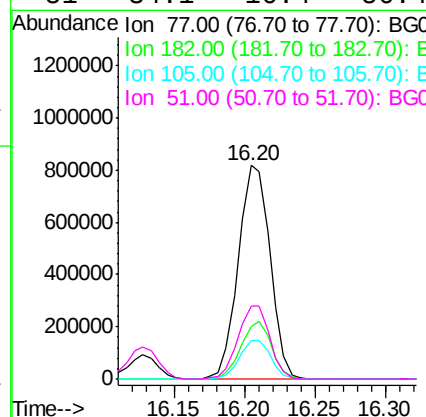
Manual Integrations
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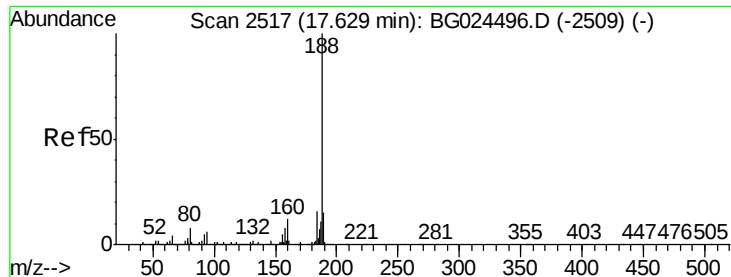
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#62
Azobenzene
Concen: 50.42 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.7	44.7
105	18.1	0.0	36.3
51	34.1	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

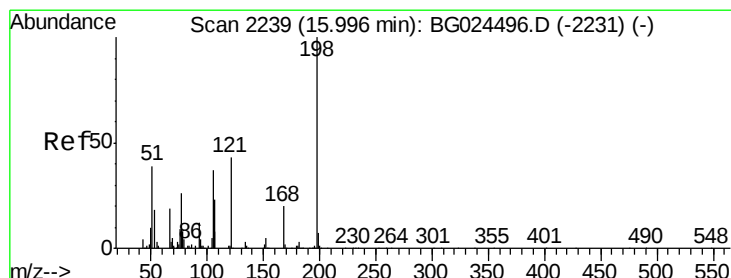
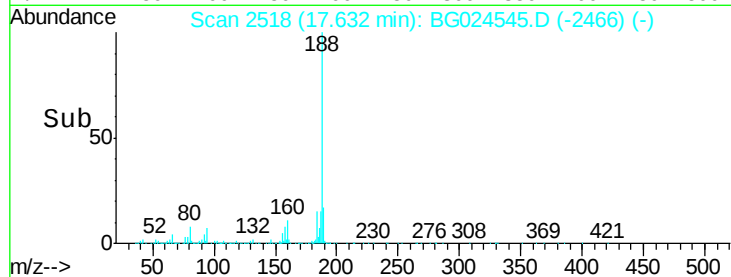
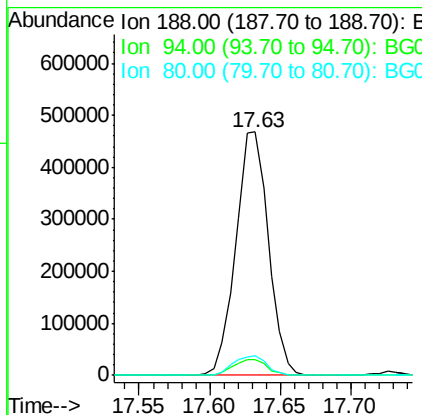
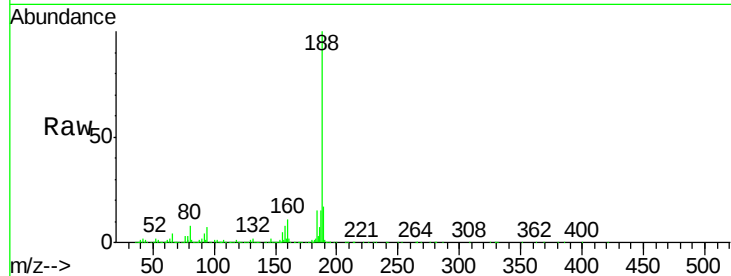
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:	188	Resp:	754372
Ion Ratio	Lower	Upper	
188	100		
94	6.7	5.8	8.8
80	8.2	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 52.54 ng

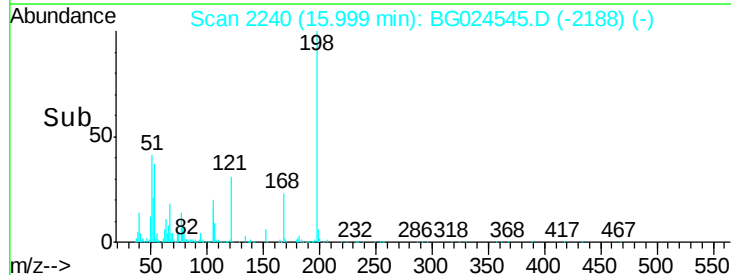
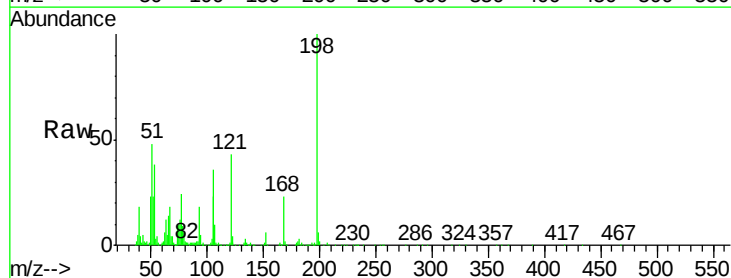
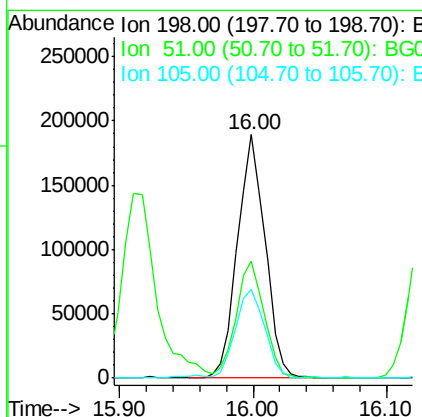
RT: 16.00 min Scan# 2240

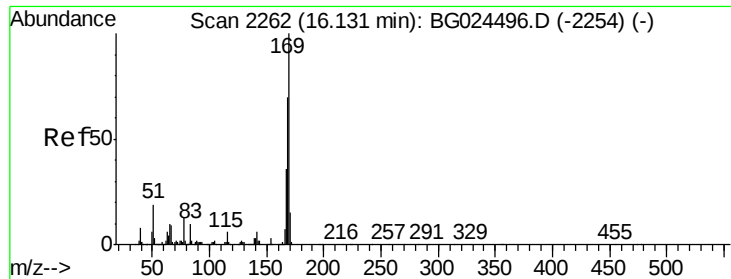
Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:	198	Resp:	273081
Ion Ratio	Lower	Upper	
198	100		
51	47.8	22.6	62.6
105	36.3	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 50.60 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:169 Resp: 1043473

Ion Ratio Lower Upper

169 100

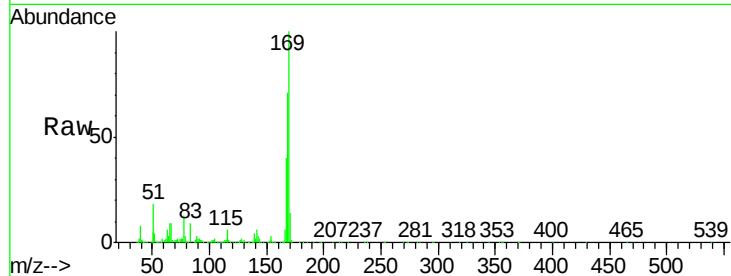
168 70.5 55.7 83.5

167 39.9 29.8 44.6

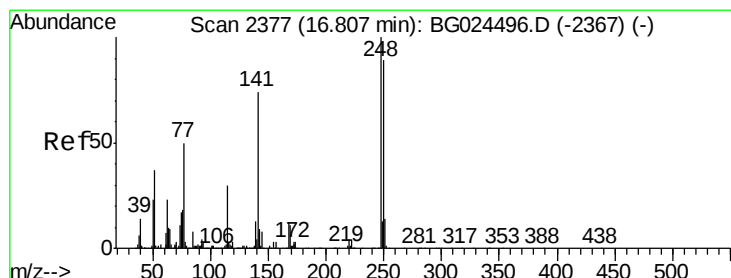
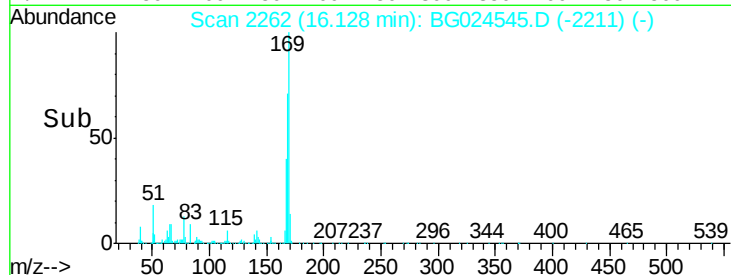
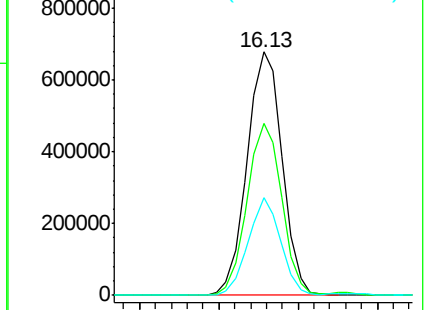
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.95 ng

RT: 16.81 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

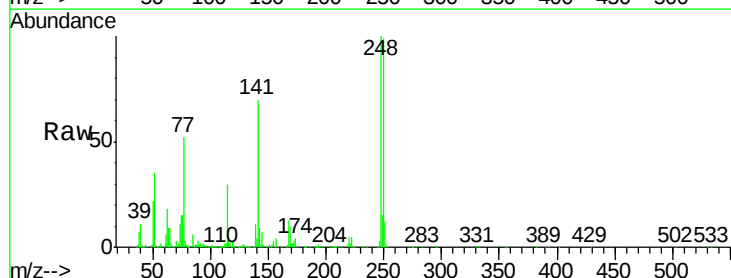
Tgt Ion:248 Resp: 475707

Ion Ratio Lower Upper

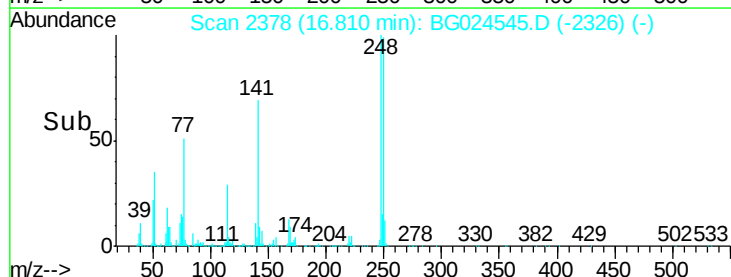
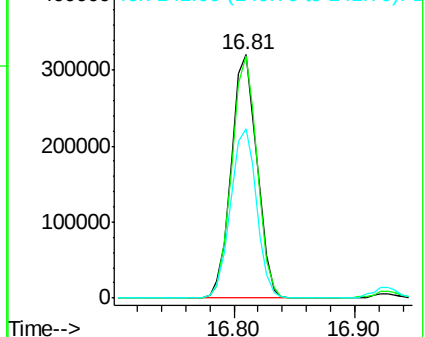
248 100

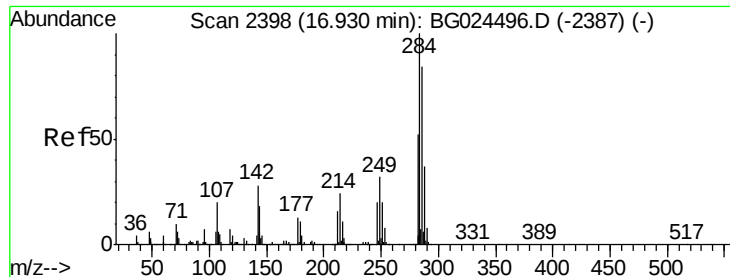
250 99.4 75.0 112.6

141 69.5 55.2 82.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





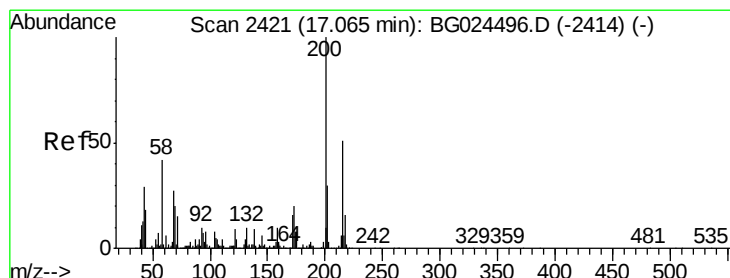
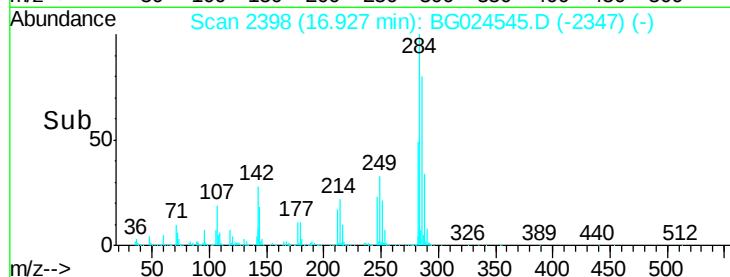
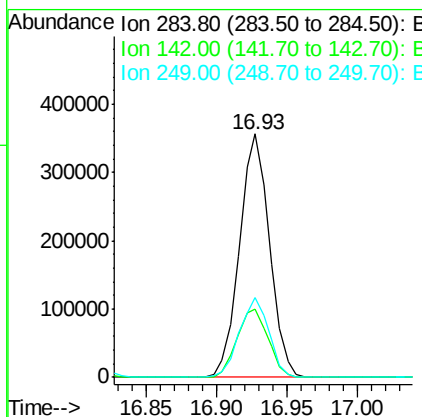
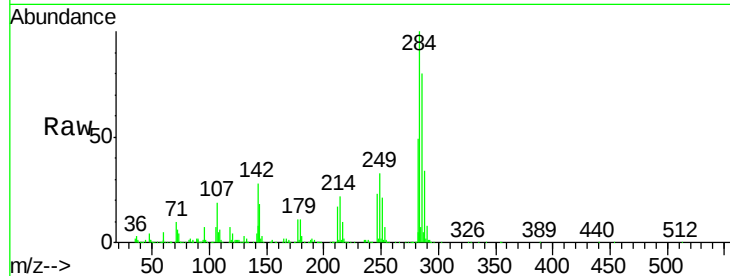
#67
Hexachlorobenzene
Concen: 52.13 ng
RT: 16.93 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	527514		
142	28.2	29.9	44.9#	
249	32.9	29.2	43.8	

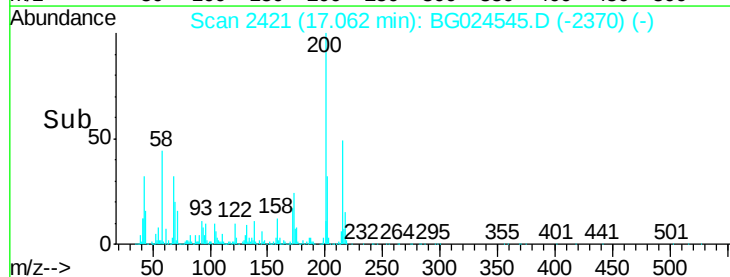
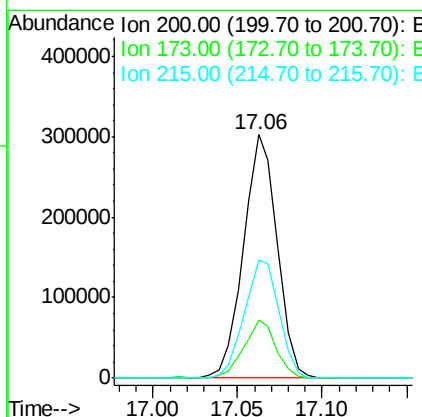
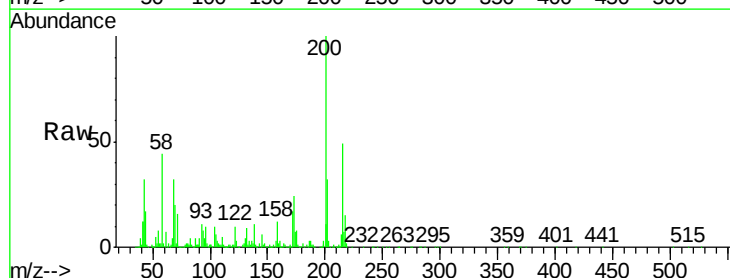
Manual Integrations
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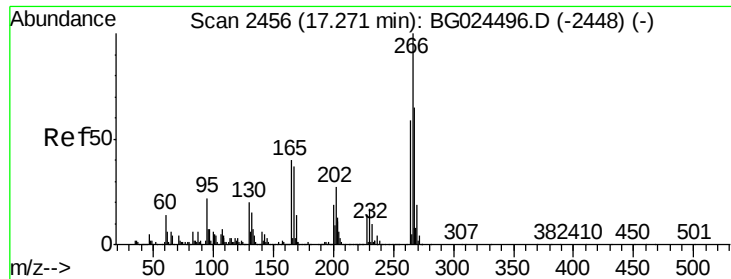
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#68
Atrazine
Concen: 47.35 ng
RT: 17.06 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	418876		
173	24.0	3.0	43.0	
215	48.7	28.4	68.4	





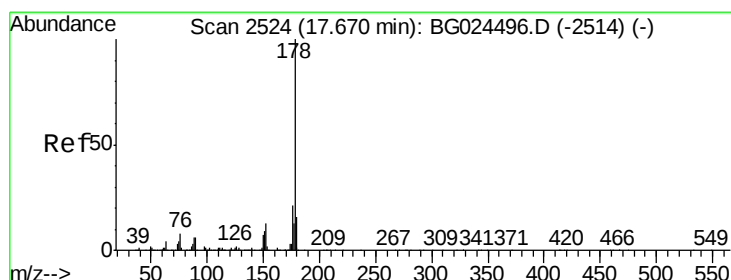
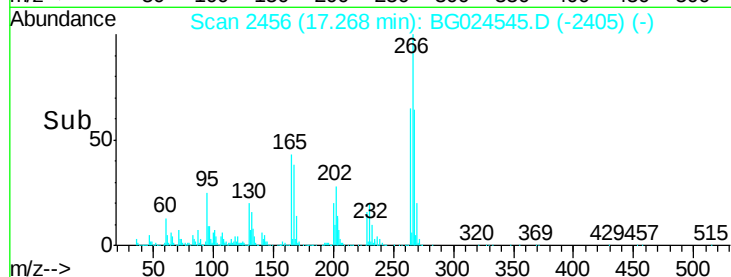
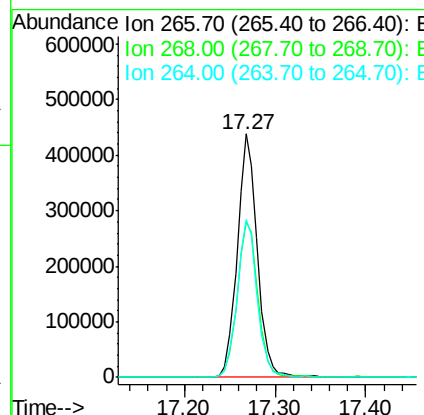
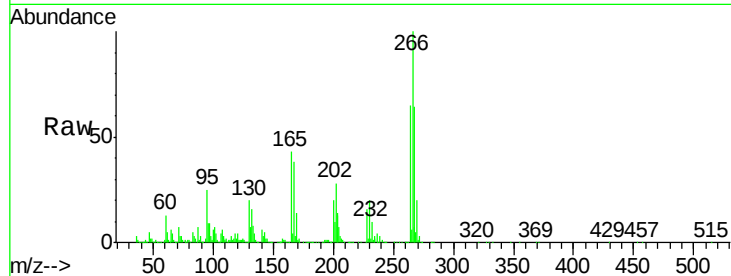
#69
 Pentachlorophenol
 Concen: 101.58 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	48.6	72.8
264	64.6	50.1	75.1

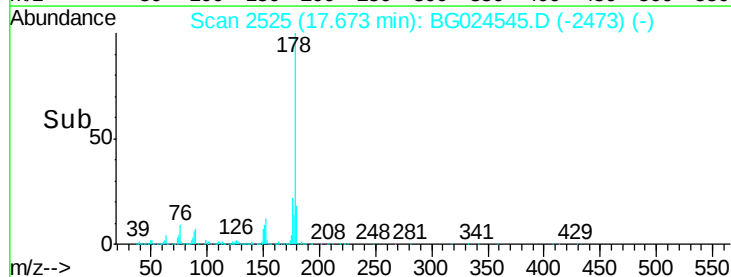
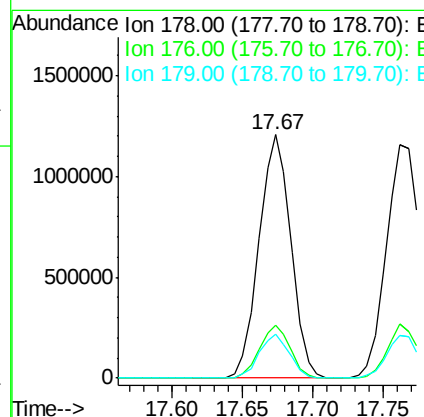
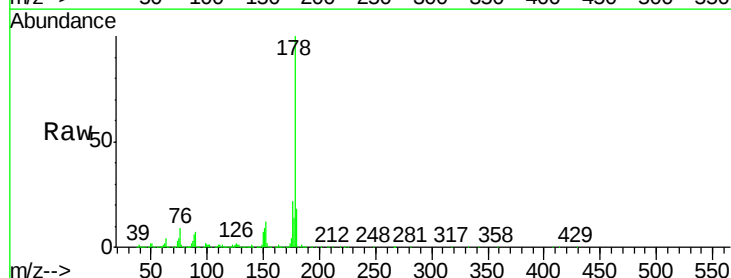
Manual Integrations
 APPROVED

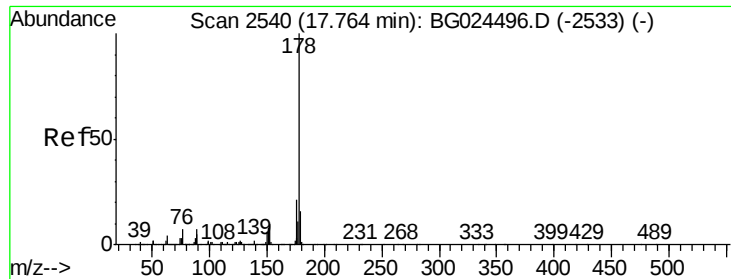
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#70
 Phenanthrene
 Concen: 49.80 ng
 RT: 17.67 min Scan# 2525
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.7	26.5
179	17.8	15.0	22.6





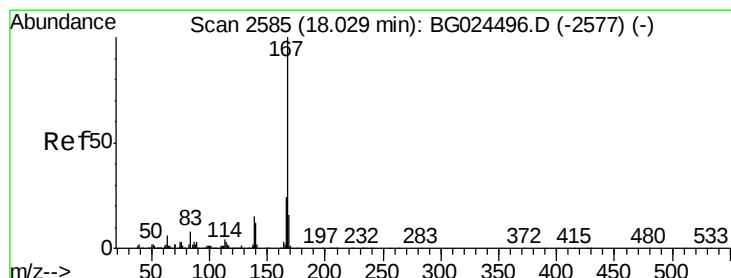
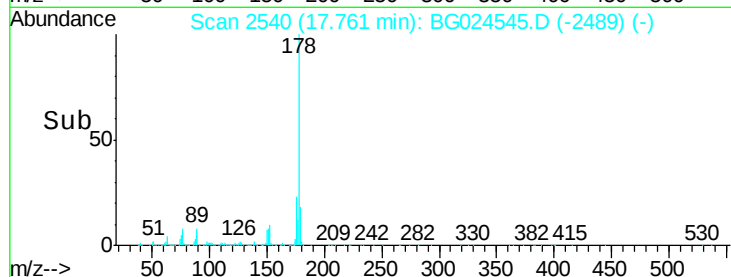
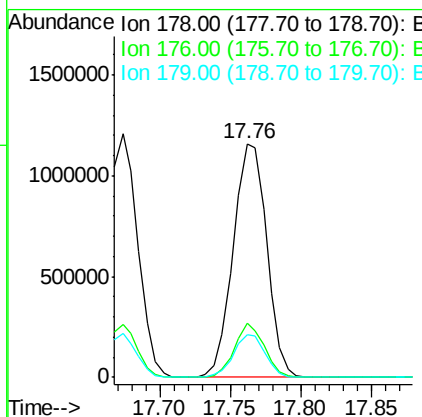
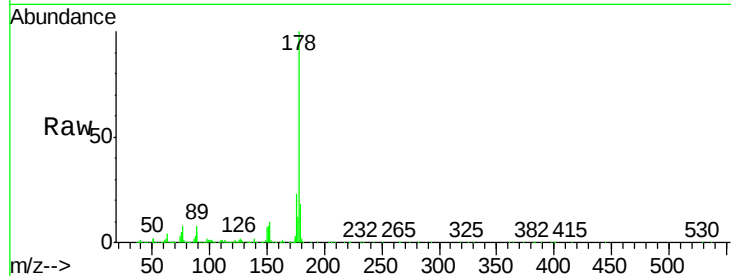
#71
 Anthracene
 Concen: 49.59 ng
 RT: 17.76 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

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

Tgt Ion:178 Resp: 1923888
 Ion Ratio Lower Upper
 178 100
 176 23.0 16.4 24.6
 179 18.1 13.8 20.8

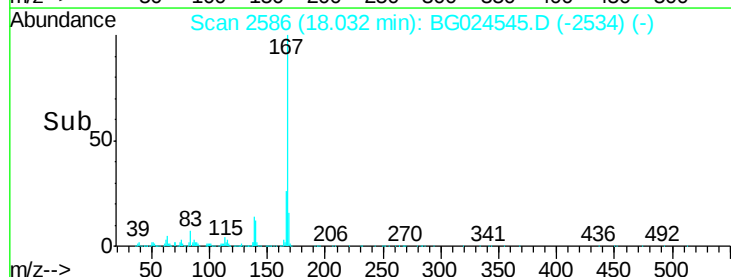
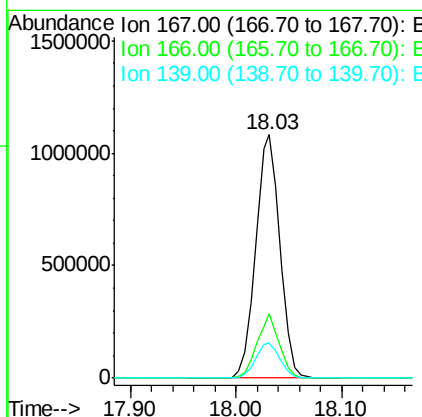
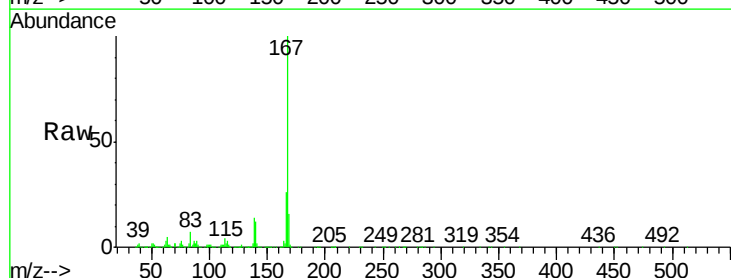
Manual Integrations
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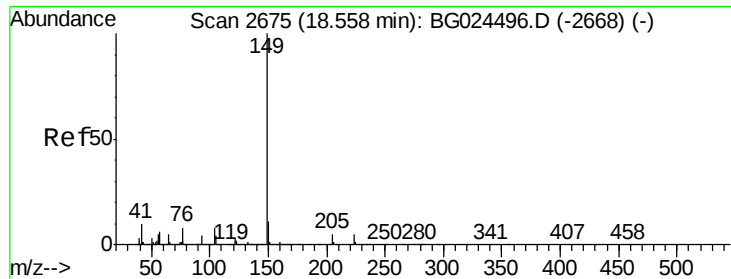
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 11/1/2016 4:49:25 PM



#72
 Carbazole
 Concen: 48.89 ng
 RT: 18.03 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion:167 Resp: 1729775
 Ion Ratio Lower Upper
 167 100
 166 26.3 20.2 30.2
 139 14.3 12.8 19.2





#73

Di-n-butylphthalate

Concen: 49.28 ng

RT: 18.56 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:149 Resp: 2010390

Ion Ratio Lower Upper

149 100

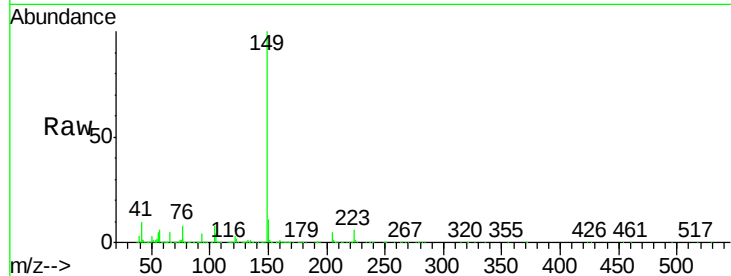
150 10.8 9.1 13.7

104 7.8 6.7 10.1

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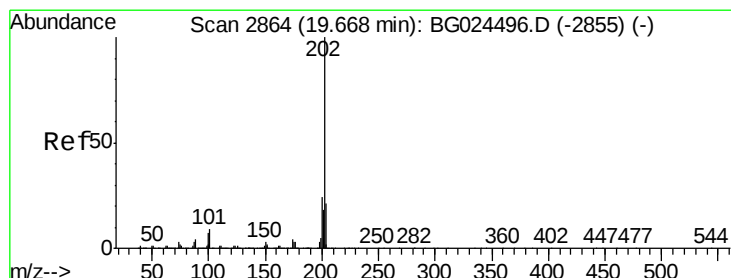
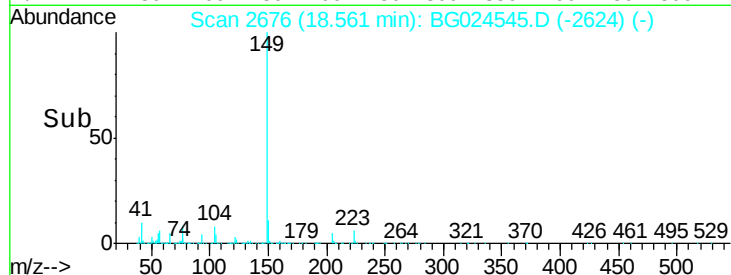
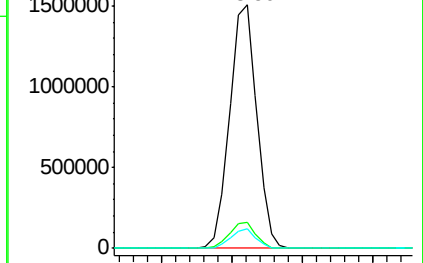
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.10 ng

RT: 19.67 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

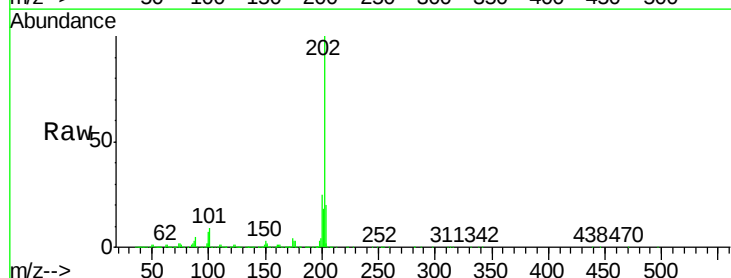
Tgt Ion:202 Resp: 2435023

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.1

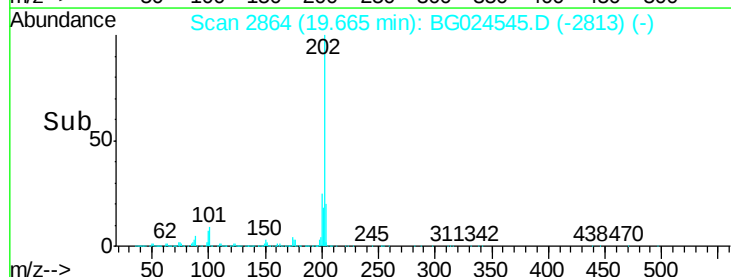
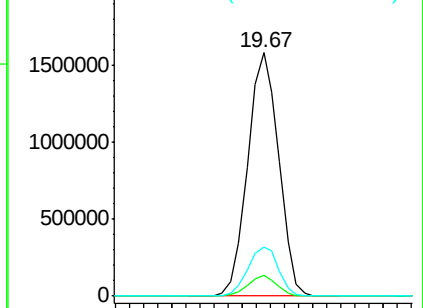
203 20.1 1.3 41.3

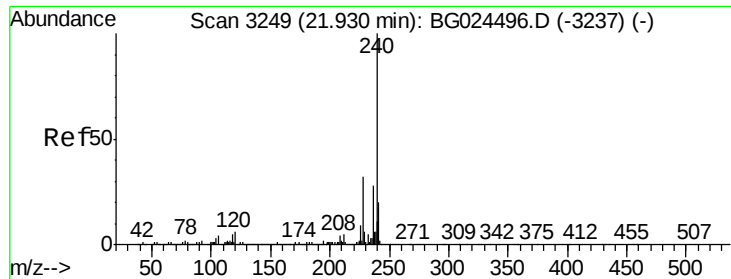


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





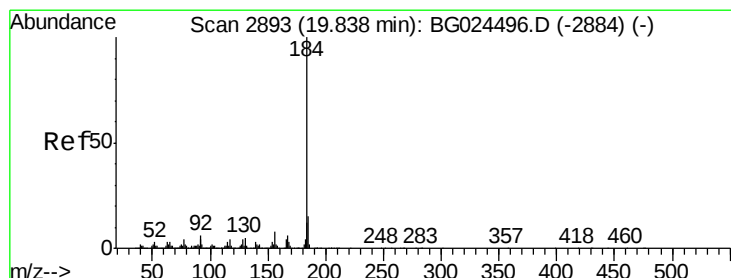
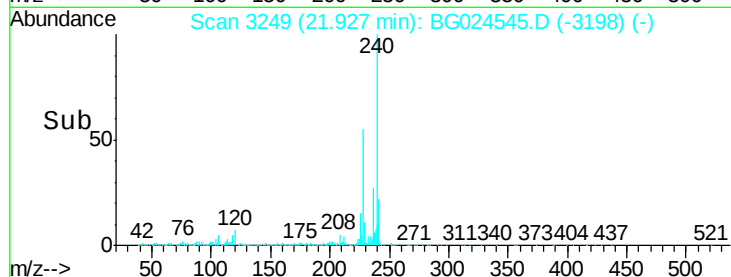
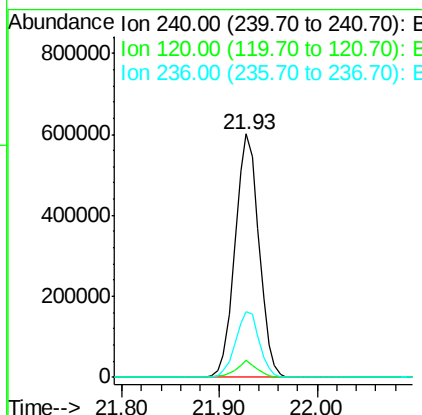
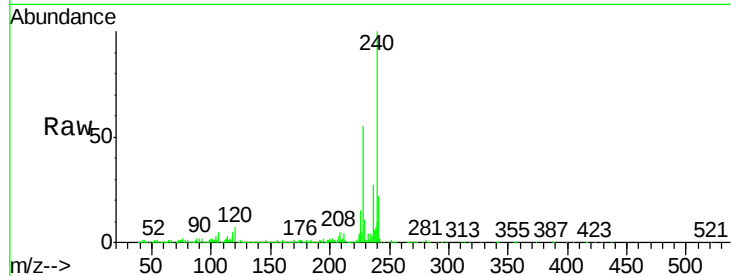
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.93 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion:240 Resp: 1021283
Ion Ratio Lower Upper
240 100
120 7.0 5.7 8.5
236 26.8 22.2 33.4

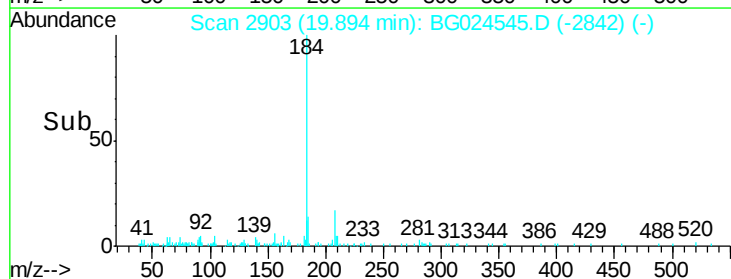
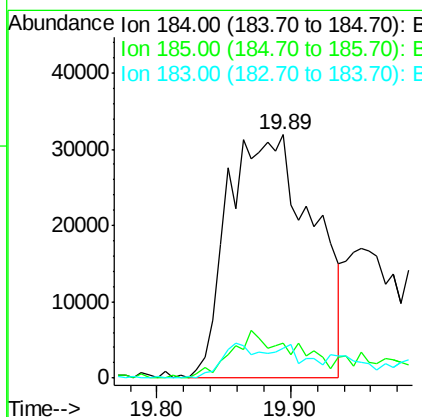
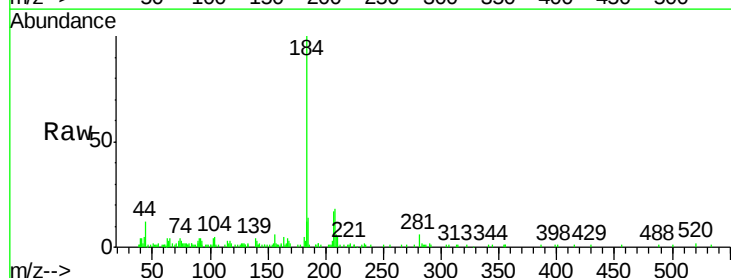
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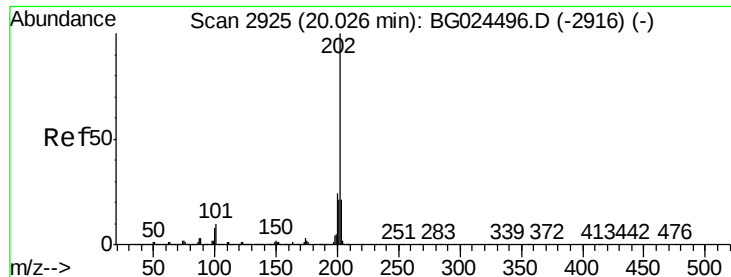
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#76
Benzidine
Concen: 5.88 ng
RT: 19.89 min Scan# 2903
Delta R.T. 0.06 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion:184 Resp: 141376
Ion Ratio Lower Upper
184 100
185 14.2 13.0 19.6
183 12.2 11.0 16.6





#77

Pyrene

Concen: 49.43 ng

RT: 20.03 min Scan# 2926

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

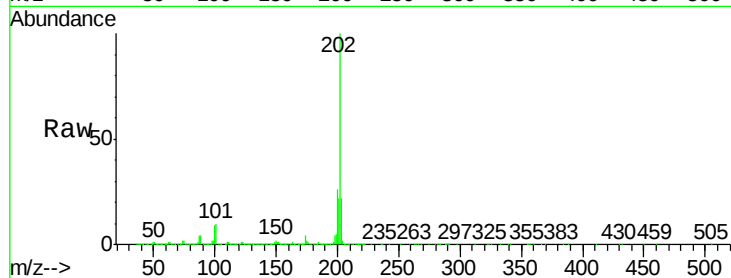
ClientSampleId :

HSR-WC-72-102616MSD

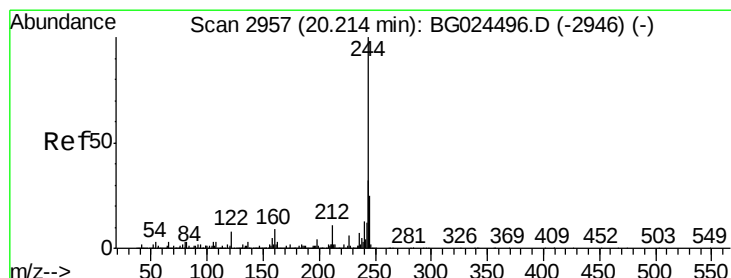
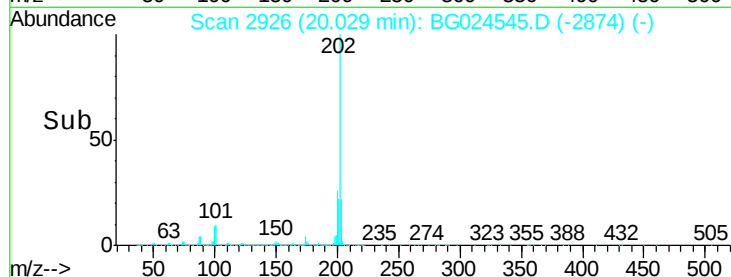
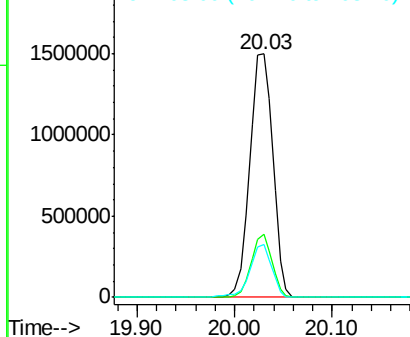
Tgt Ion:	202	Resp:	2467643
Ion	Ratio	Lower	Upper
202	100		
200	25.8	19.6	29.4
203	21.6	15.8	23.8

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



#78

Terphenyl-d14

Concen: 96.10 ng

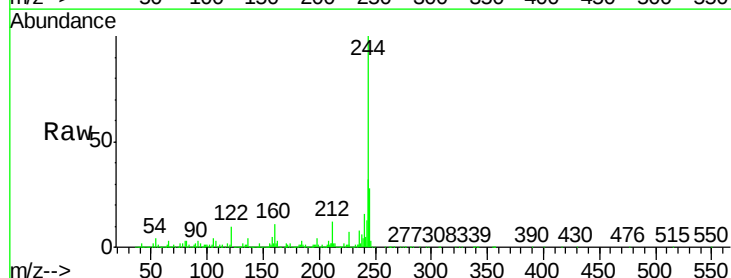
RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

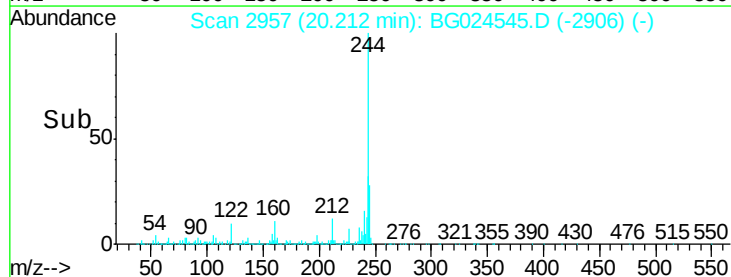
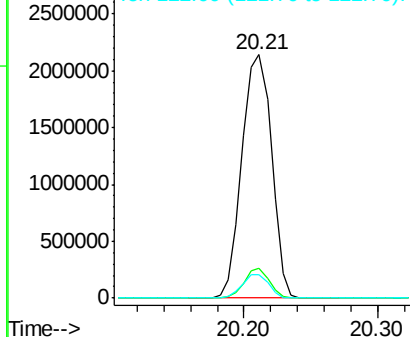
Lab File: BG024545.D

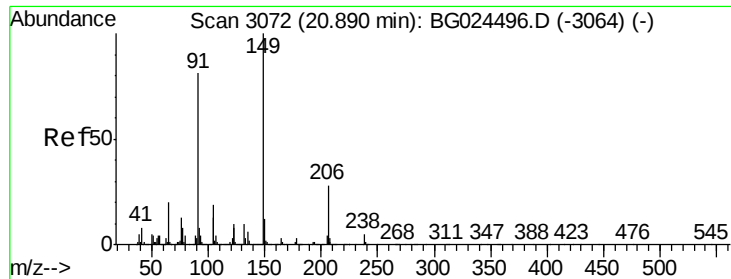
Acq: 28 Oct 2016 18:59

Tgt Ion:	244	Resp:	3284491
Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.0	15.0
122	9.6	8.6	12.8



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





#79

Butylbenzylphthalate

Concen: 50.55 ng

RT: 20.89 min Scan# 3072

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

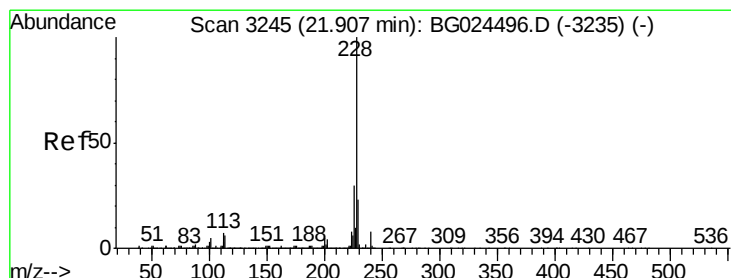
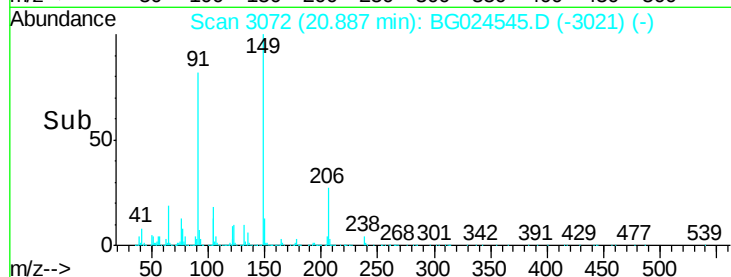
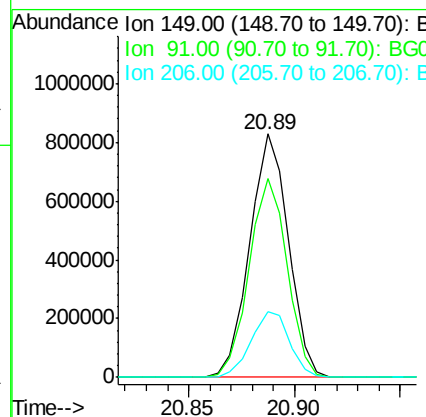
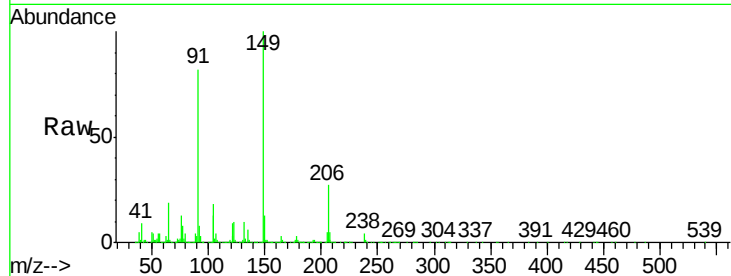
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:	149	Resp:	1052235
Ion Ratio	Lower	Upper	
149	100		
91	81.6	63.5	95.3
206	27.1	21.0	31.6

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#80

Benzo(a)anthracene

Concen: 49.21 ng

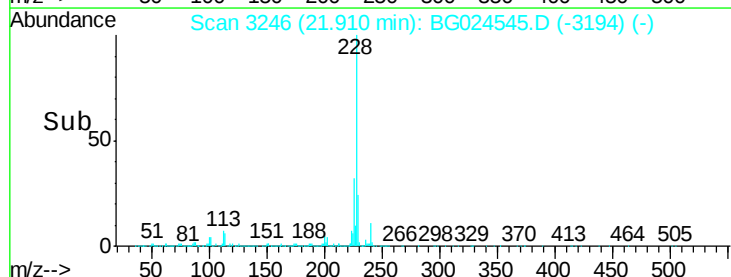
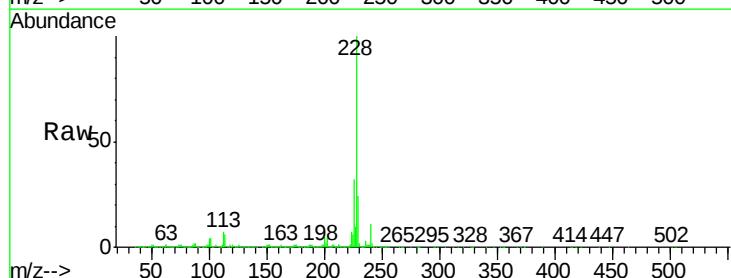
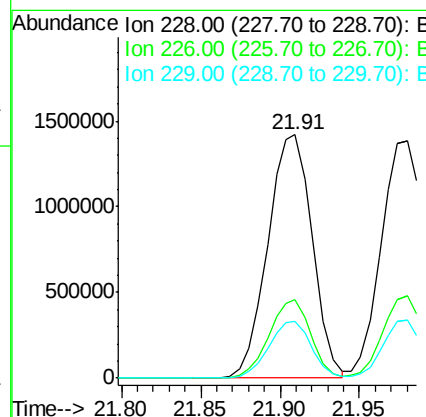
RT: 21.91 min Scan# 3246

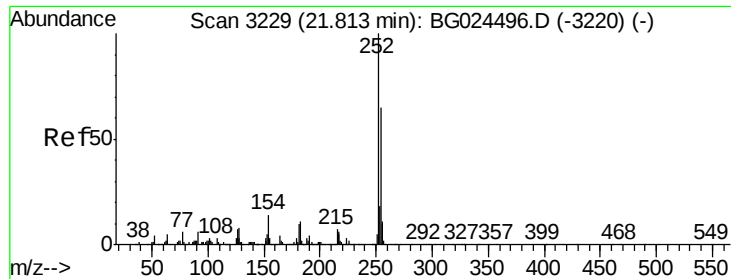
Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:	228	Resp:	2760864
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.9	37.3
229	23.5	18.2	27.2





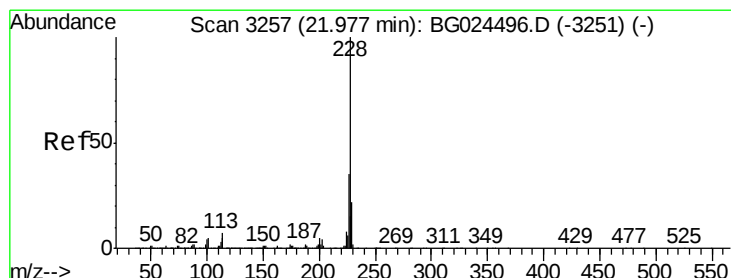
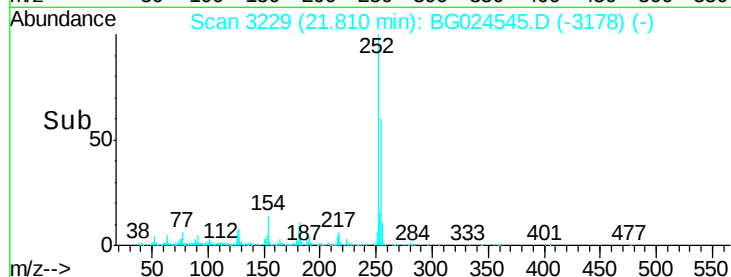
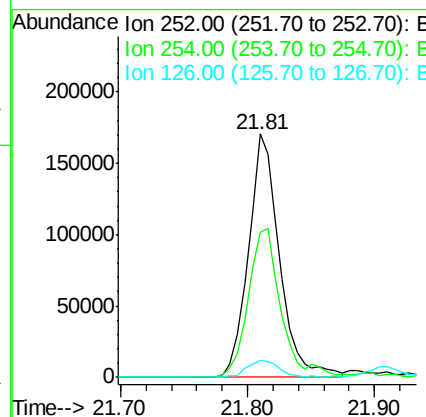
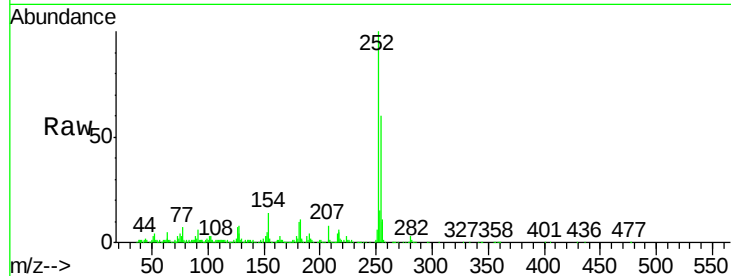
#81
 3,3'-Dichlorobenzidine
 Concen: 12.77 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	59.8	53.1	79.7
126	7.1	7.0	10.4

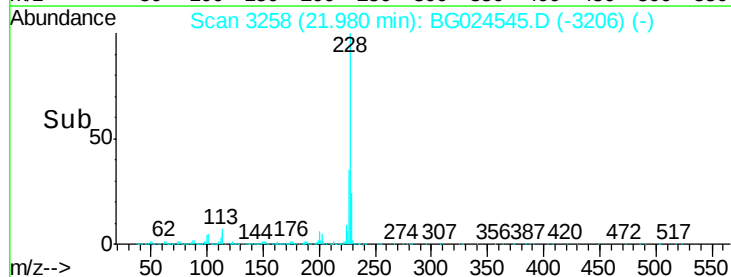
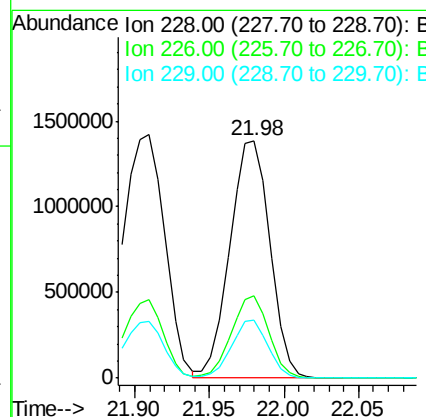
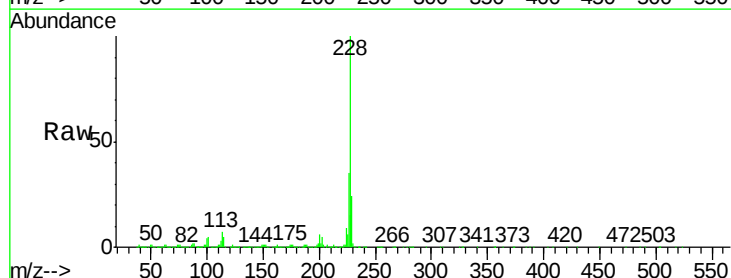
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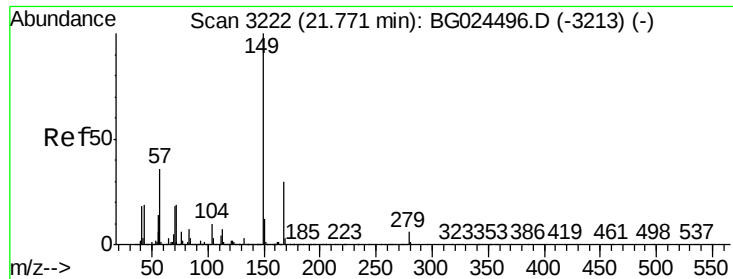
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#82
 Chrysene
 Concen: 48.39 ng
 RT: 21.98 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	34.6	27.0	40.4
229	24.2	17.8	26.6





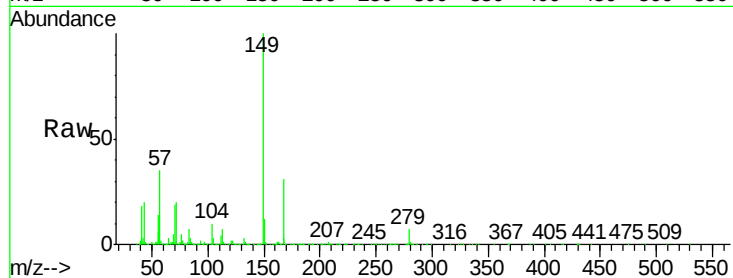
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.78 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

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

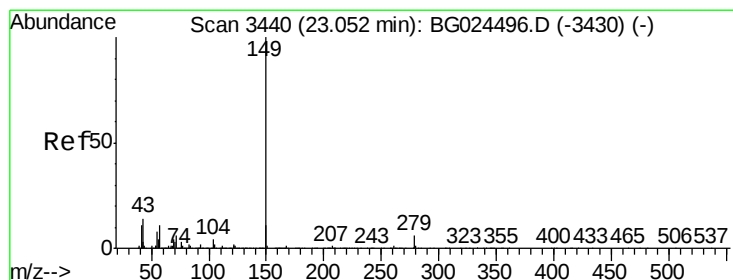
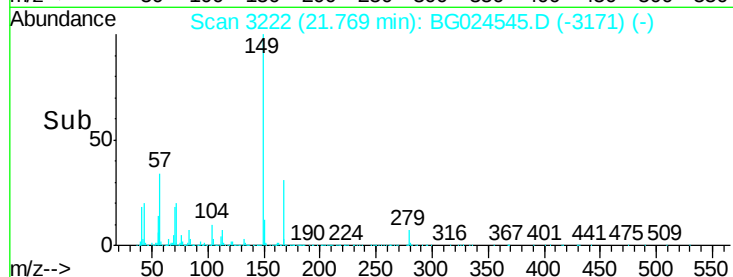
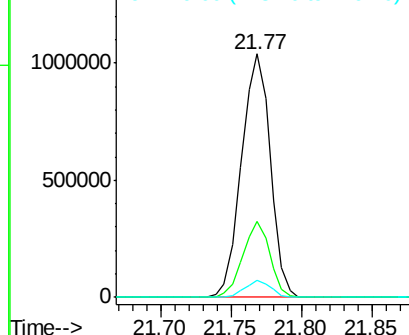
Tgt Ion:149 Resp: 1482098
 Ion Ratio Lower Upper
 149 100
 167 31.2 23.7 35.5
 279 6.8 4.6 6.8

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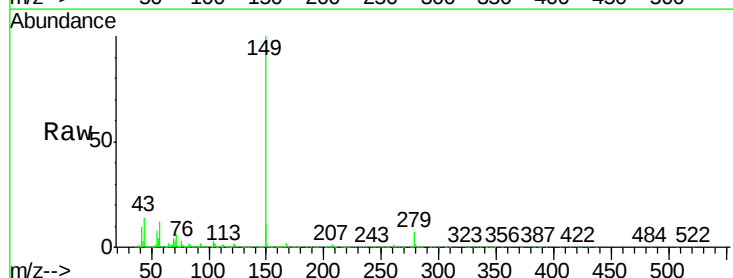


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

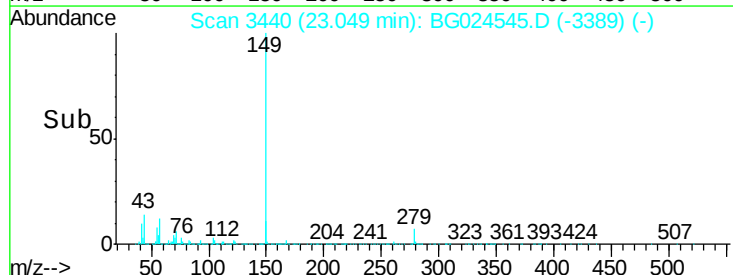
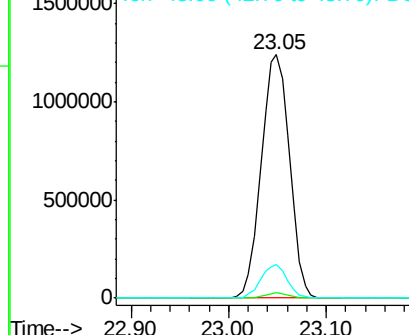


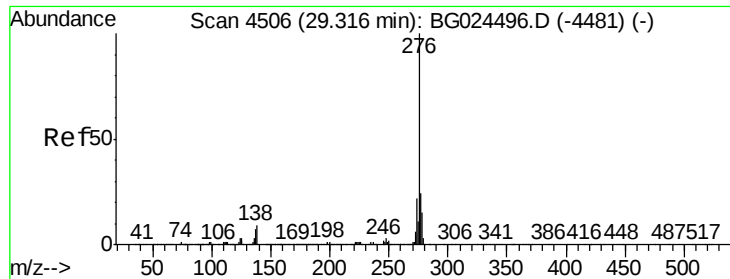
#84
 Di-n-octyl phthalate
 Concen: 51.10 ng
 RT: 23.05 min Scan# 3440
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion:149 Resp: 2525072
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.2
 43 12.9 11.8 17.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





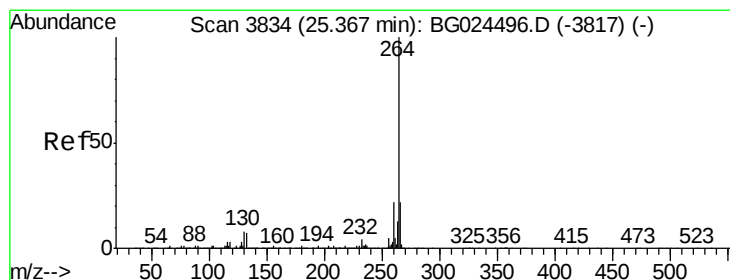
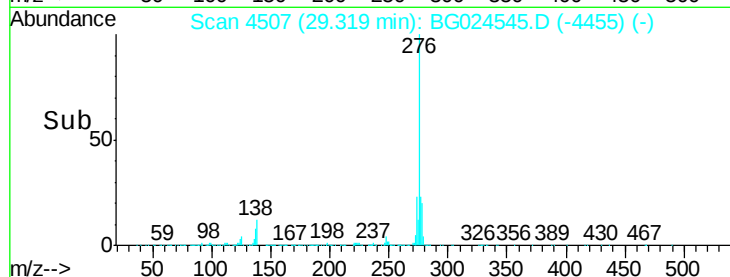
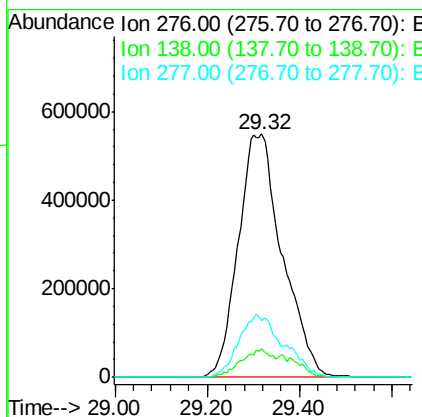
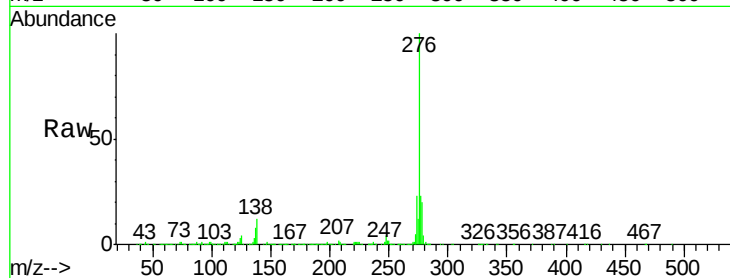
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.26 ng
 RT: 29.32 min Scan# 4507
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

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

Tgt Ion: 276 Resp: 3633587
 Ion Ratio Lower Upper
 276 100
 138 8.2 4.7 7.1#
 277 26.3 20.6 31.0

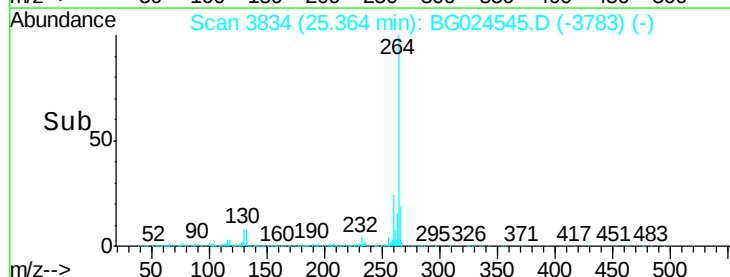
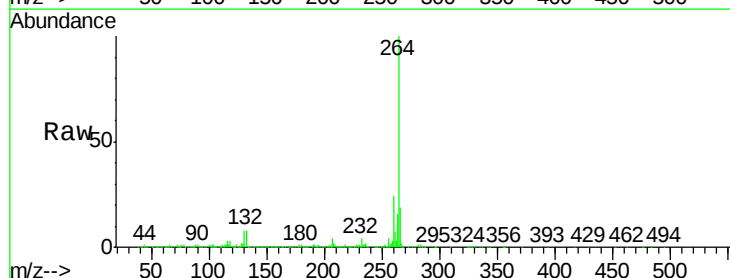
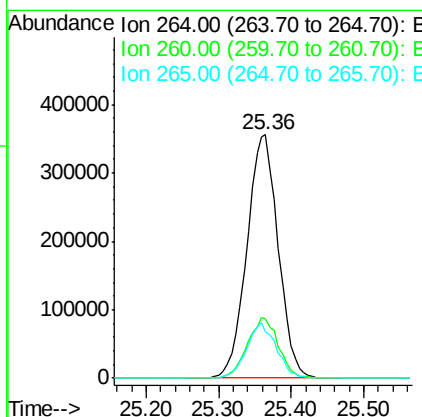
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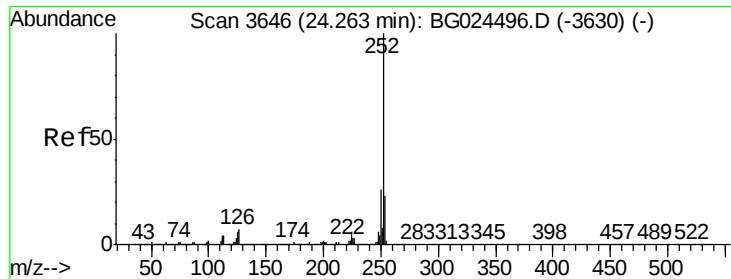
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.36 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion: 264 Resp: 1060752
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.8 32.8
 265 19.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 52.24 ng

RT: 24.27 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

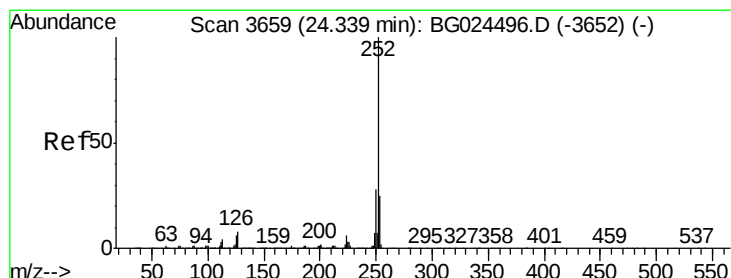
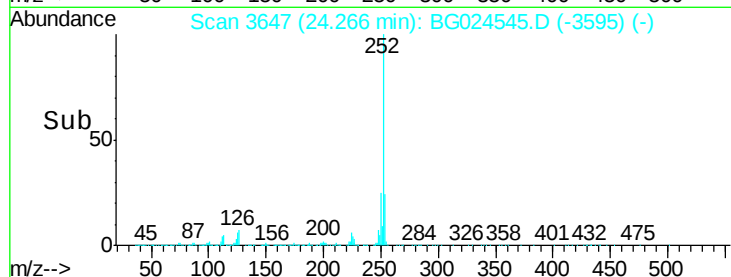
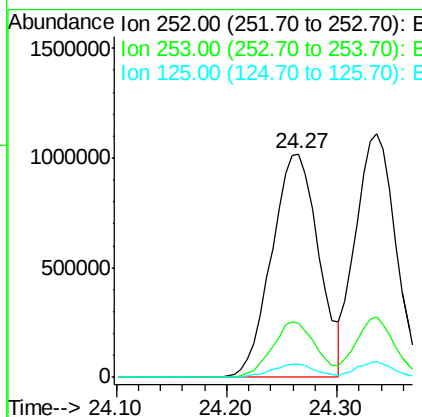
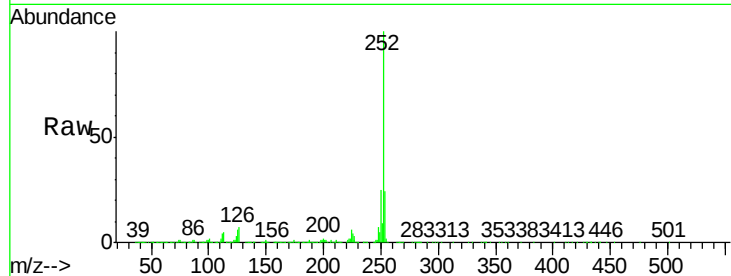
ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:	252	Resp:	2995012
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.7	28.1
125	6.1	5.3	7.9

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#88

Benzo(k)fluoranthene

Concen: 50.50 ng

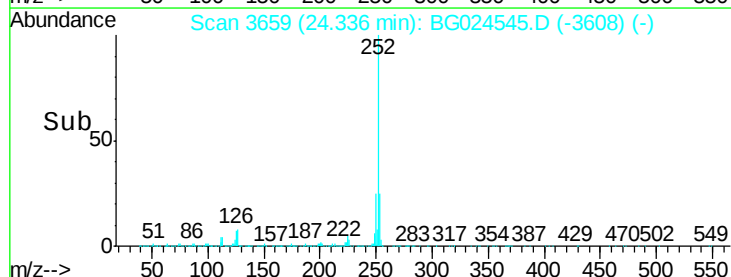
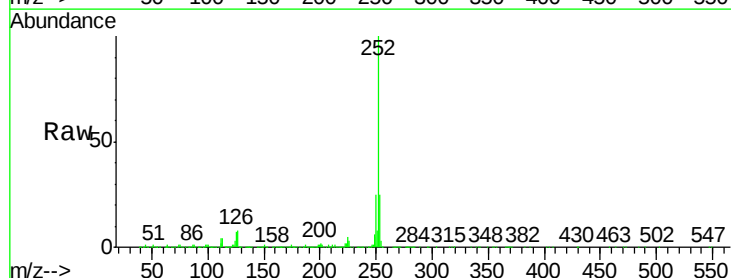
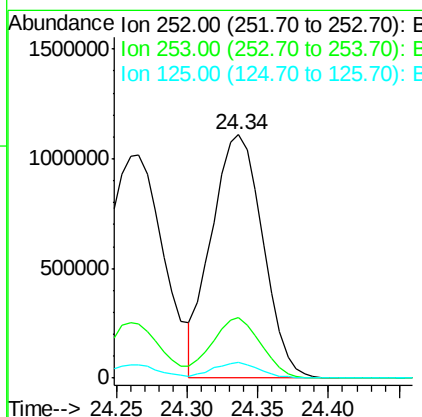
RT: 24.34 min Scan# 3659

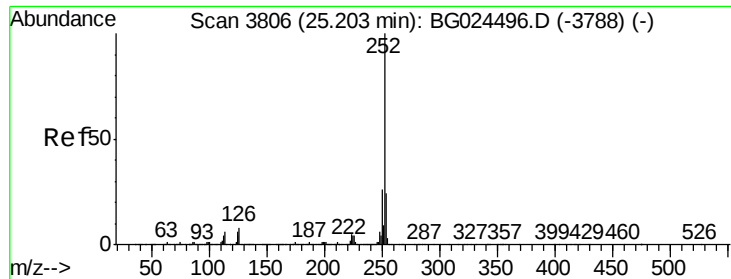
Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:	252	Resp:	2796528
Ion Ratio	Lower	Upper	
252	100		
253	25.1	20.2	30.2
125	6.5	5.1	7.7





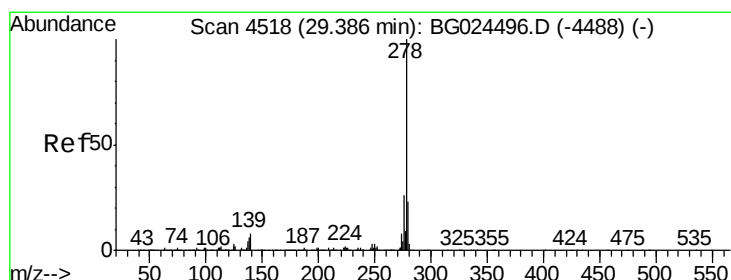
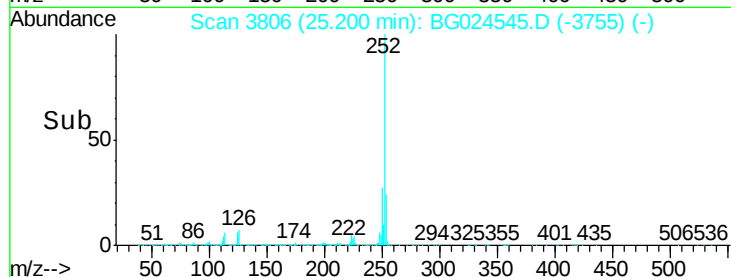
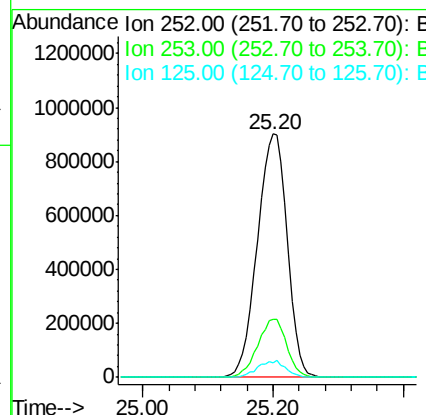
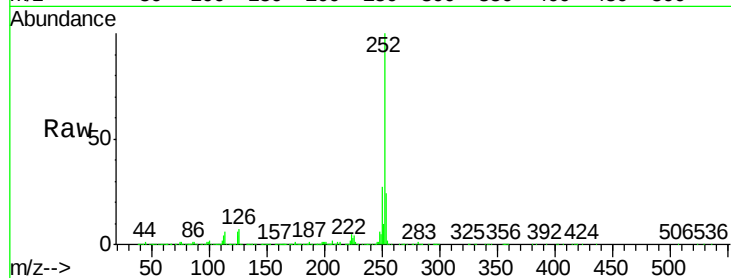
#89
Benzo(a)pyrene
Concen: 51.04 ng
RT: 25.20 min Scan# 3806
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	6.0	5.4	8.0

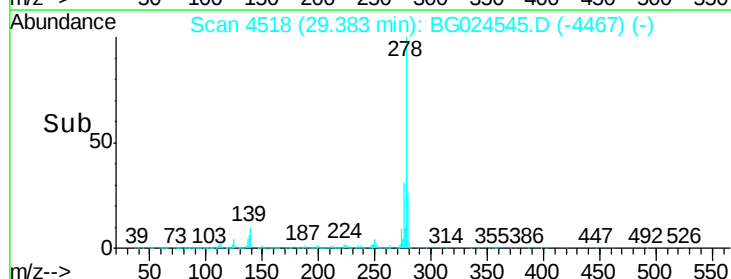
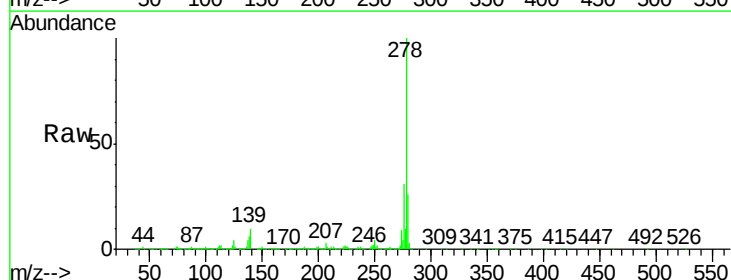
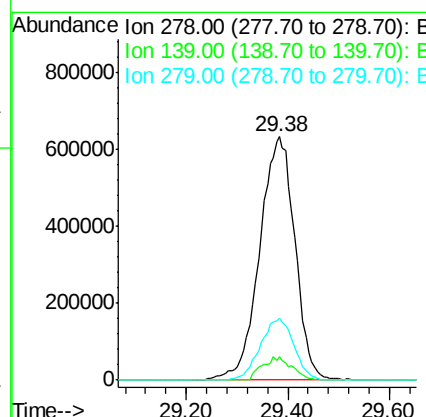
Manual Integrations
APPROVED

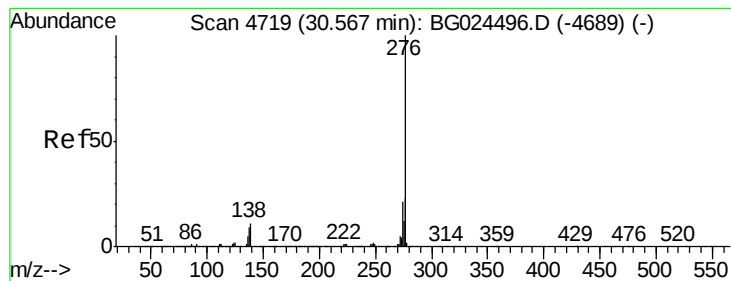
sohil
11/1/2016 4:49:25 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.62 ng
RT: 29.38 min Scan# 4518
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.7	7.7	11.5
279	25.6	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 48.88 ng

RT: 30.55 min Scan# 4717

Delta R.T. -0.01 min

Lab File: BG024545.D

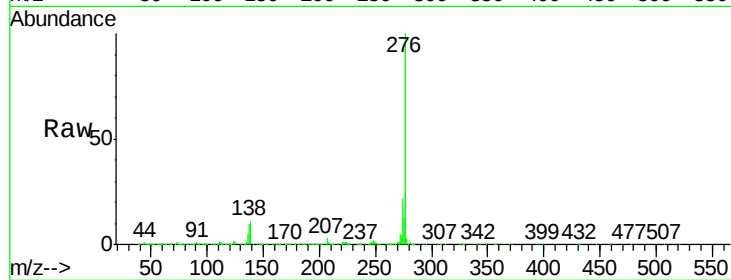
Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD



Tgt Ion: 276 Resp: 3002916

Ion Ratio Lower Upper

276 100

277 24.2 18.6 27.8

138 10.8 8.1 12.1

Manual Integrations

APPROVED

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