

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024688.D
 Acq On : 4 Nov 2016 23:13
 Operator : UM/SJ
 Sample : PB94545BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94545BS

Manual Integrations
 APPROVED

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 11/7/2016 4:36:42 PM

Quant Time: Nov 05 00:40:24 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	102989	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	420511	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	331823	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	781494	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1052476	20.00	ng	0.00
86) Perylene-d12	25.35	264	1117393	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	810463	128.98	ng	0.00
7) Phenol-d6	7.40	99	1131589	131.28	ng	0.00
23) Nitrobenzene-d5	9.44	82	781797	84.65	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	680945	137.36	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1604130	80.35	ng	0.00
78) Terphenyl-d14	20.21	244	3009099	85.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.65	88	82791	32.25	ng	96
3) Pyridine	4.07	79	260459	33.89	ng	# 85
4) n-Nitrosodimethylamine	3.98	42	154519	38.83	ng	83
6) Aniline	7.58	93	201028	18.41	ng	# 90
8) 2-Chlorophenol	7.83	128	276154	43.22	ng	92
9) Benzaldehyde	7.40	77	46968	8.82	ng	90
10) Phenol	7.43	94	392127	44.13	ng	97
11) bis(2-Chloroethyl)ether	7.67	93	281294	42.14	ng	90
12) 1,3-Dichlorobenzene	8.15	146	309675	39.15	ng	98
13) 1,4-Dichlorobenzene	8.30	146	317531	40.65	ng	97
14) 1,2-Dichlorobenzene	8.62	146	299856	39.92	ng	100
15) Benzyl Alcohol	8.50	79	325711	40.62	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	466975	37.71	ng	96
17) 2-Methylphenol	8.70	107	245541	41.71	ng	88
18) Hexachloroethane	9.36	117	121829	40.57	ng	91
19) n-Nitroso-di-n-propylamine	9.07	70	256759	40.42	ng	90
20) 3+4-Methylphenols	9.02	107	349943	44.27	ng	97
22) Acetophenone	9.09	105	436487	40.41	ng	# 93
24) Nitrobenzene	9.48	77	404334	39.35	ng	94
25) Isophorone	10.00	82	692974	40.34	ng	99
26) 2-Nitrophenol	10.20	139	159334	41.78	ng	97
27) 2,4-Dimethylphenol	10.23	122	288526	43.22	ng	95
28) bis(2-Chloroethoxy)methane	10.48	93	380034	42.75	ng	99
29) 2,4-Dichlorophenol	10.73	162	310172	44.26	ng	94
30) 1,2,4-Trichlorobenzene	10.95	180	326766	39.31	ng	95
31) Naphthalene	11.15	128	816236	38.91	ng	99
32) Benzoic acid	10.36	122	152419	27.41	ng	93
33) 4-Chloroaniline	11.25	127	93137	10.23	ng	98
34) Hexachlorobutadiene	11.41	225	251832	38.71	ng	94
35) Caprolactam	12.01	113	112310m	43.78	ng	
36) 4-Chloro-3-methylphenol	12.34	107	355812	42.06	ng	94
37) 2-Methylnaphthalene	12.73	142	617935	40.37	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	421251	37.64	ng	99
40) Hexachlorocyclopentadiene	13.06	237	571210	90.63	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	283742	42.18	nq	97
43) 2,4,5-Trichlorophenol	13.40	196	296454	40.76	nq	97
45) 1,1'-Biphenyl	13.72	154	864651	37.55	nq	96
46) 2-Chloronaphthalene	13.77	162	684727	39.05	nq	98
47) 2-Nitroaniline	13.97	65	296739	41.33	nq	98
48) Acenaphthylene	14.61	152	1045082	38.87	nq	99
49) Dimethylphthalate	14.32	163	932286	39.58	nq	98
50) 2,6-Dinitrotoluene	14.45	165	220728	43.89	nq	86
51) Acenaphthene	14.95	154	687283	34.29	nq	98
52) 3-Nitroaniline	14.79	138	102675	19.73	nq	96
53) 2,4-Dinitrophenol	14.99	184	237471	65.16	nq	93
54) Dibenzofuran	15.28	168	1130380	40.79	nq	95
55) 4-Nitrophenol	15.08	139	373111	82.29	nq	90
56) 2,4-Dinitrotoluene	15.23	165	327387	44.80	nq	# 98
57) Fluorene	15.92	166	919778	40.02	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	324034	42.97	nq	# 95
59) Diethylphthalate	15.68	149	972168	39.36	nq	98
60) 4-Chlorophenyl-phenylether	15.91	204	538071	41.73	nq	94
61) 4-Nitroaniline	15.95	138	230111	40.48	nq	98
62) Azobenzene	16.20	77	1026653	41.68	nq	97
64) 4,6-Dinitro-2-methylphenol	16.00	198	196450	36.49	nq	98
65) n-Nitrosodiphenylamine	16.12	169	871376	40.79	nq	96
66) 4-Bromophenyl-phenylether	16.80	248	390255	41.14	nq	99
67) Hexachlorobenzene	16.92	284	433017	41.31	nq	90
68) Atrazine	17.06	200	402069	43.87	nq	97
69) Pentachlorophenol	17.27	266	525294	75.94	nq	94
70) Phenanthrene	17.67	178	1651123	41.45	nq	96
71) Anthracene	17.76	178	1697047	42.23	nq	98
72) Carbazole	18.03	167	1538786	41.99	nq	99
73) Di-n-butylphthalate	18.55	149	1741912	41.22	nq	97
74) Fluoranthene	19.66	202	2149194	42.68	nq	99
76) Benzidine	19.84	184	742780	29.95	nq	98
77) Pyrene	20.02	202	2152058	41.83	nq	98
79) Butylbenzylphthalate	20.88	149	903574	42.13	nq	99
80) Benzo(a)anthracene	21.90	228	2412990	41.73	nq	99
81) 3,3'-Dichlorobenzidine	21.81	252	521126	22.34	nq	99
82) Chrysene	21.97	228	2212547	40.18	nq	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1262214	41.14	nq	99
84) Di-n-octyl phthalate	23.04	149	2159941	42.42	nq	94
85) Indeno(1,2,3-cd)pyrene	29.30	276	3042893	40.03	nq	99
87) Benzo(b)fluoranthene	24.25	252	2484662m	41.14	nq	
88) Benzo(k)fluoranthene	24.32	252	2398116	41.11	nq	98
89) Benzo(a)pyrene	25.19	252	2409705	40.83	nq	99
90) Dibenzo(a,h)anthracene	29.36	278	2501281	38.61	nq	97
91) Benzo(g,h,i)perylene	30.53	276	2480729	38.33	nq	98

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

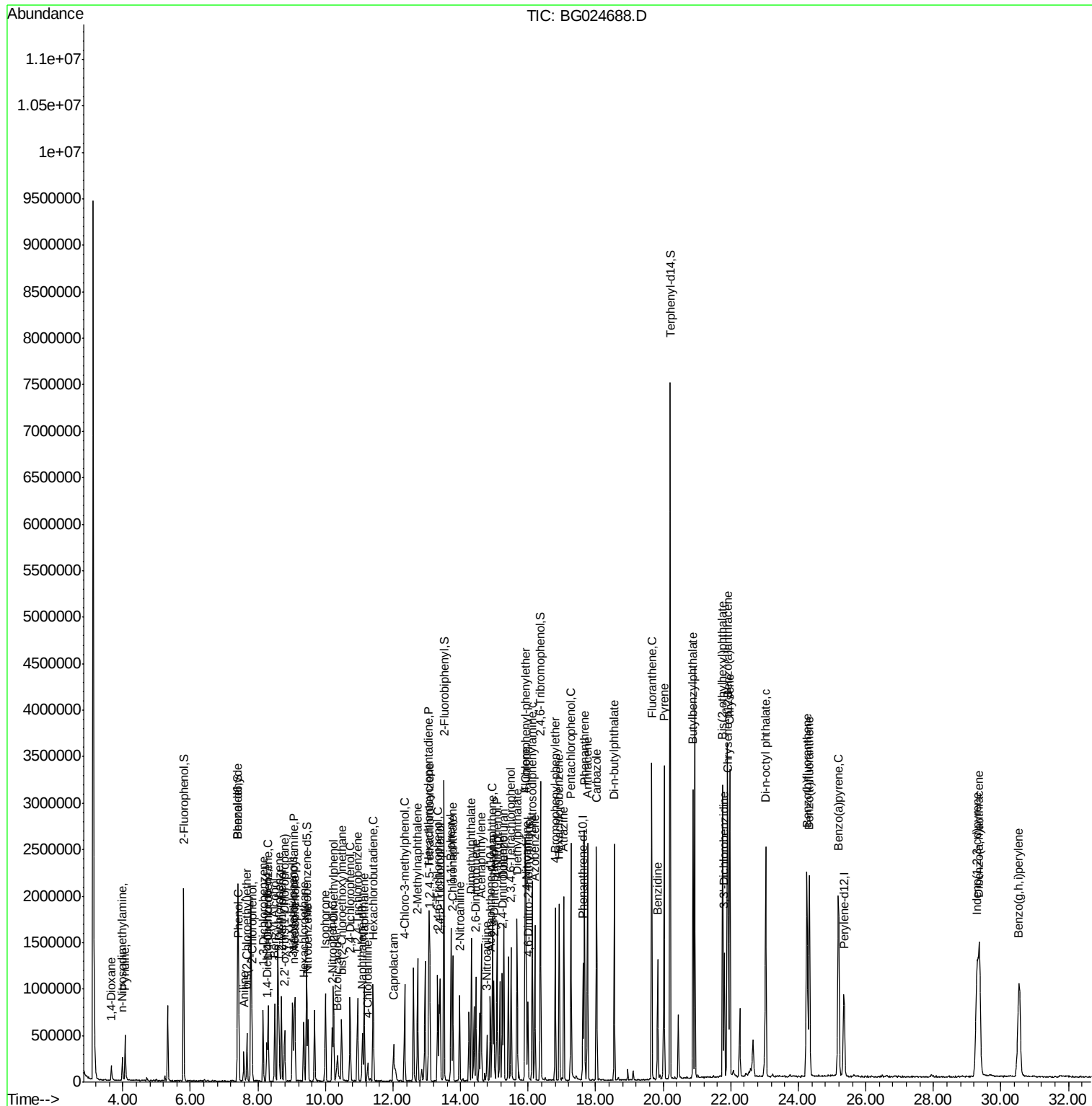
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Sample    : PB94545BS  
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ALS Vial  : 5 Sample Multiplier: 1
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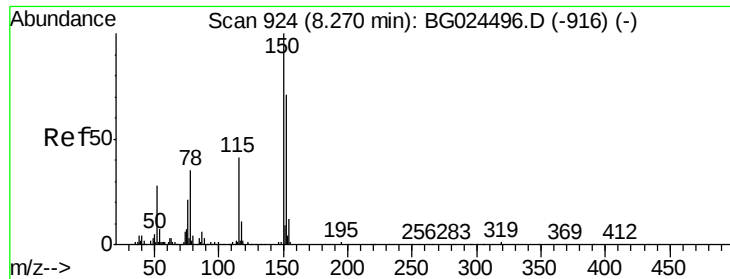
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

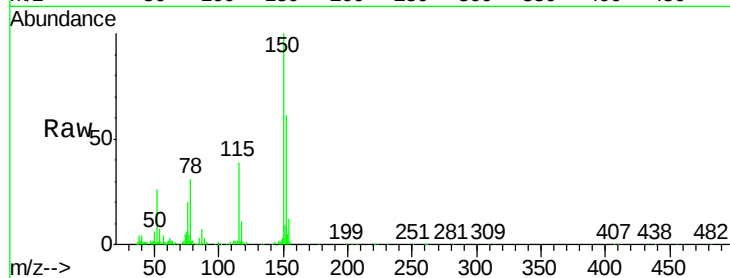
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PB94545BS

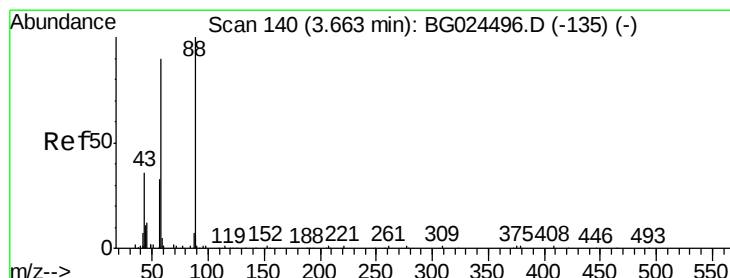
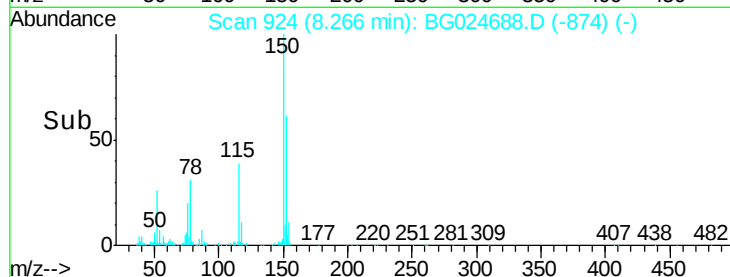
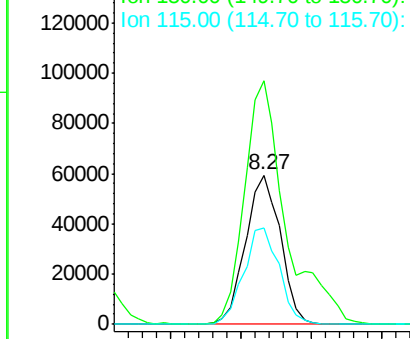
Tot Ion:	152	Resp:	102989
Ion	Ratio	Lower	Upper
152	100		
150	163.1	114.0	171.0
115	64.3	48.1	72.1

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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: 32.25 ng

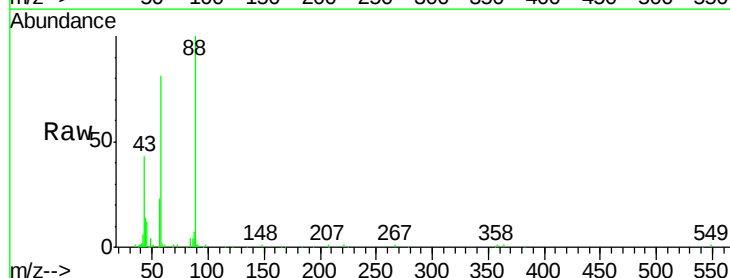
RT: 3.65 min Scan# 139

Delta R.T. -0.01 min

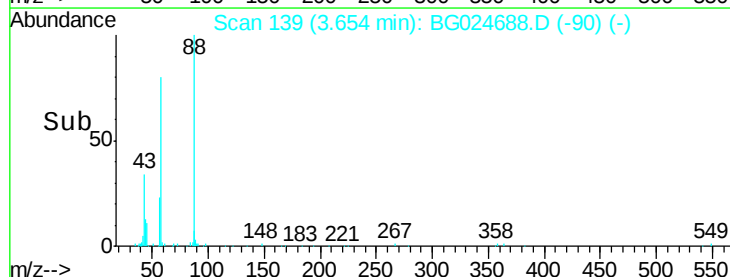
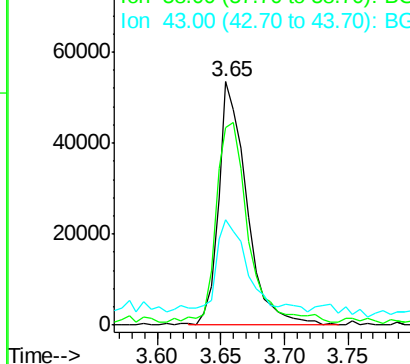
Lab File: BG024688.D

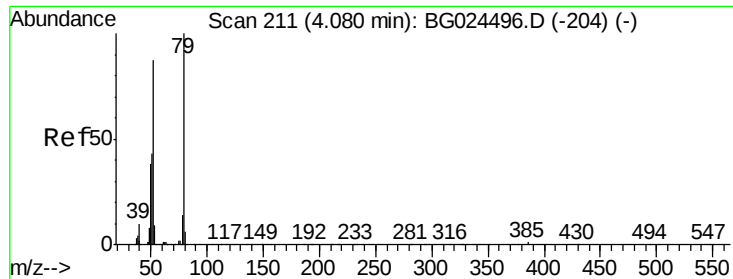
Acq: 4 Nov 2016 23:13

Tgt Ion:	88	Resp:	82791
Ion	Ratio	Lower	Upper
88	100		
58	94.0	79.4	119.2
43	41.8	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

Pvridine

Concen: 33.89 ng

RT: 4.07 min Scan# 209

Delta R.T. -0.02 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

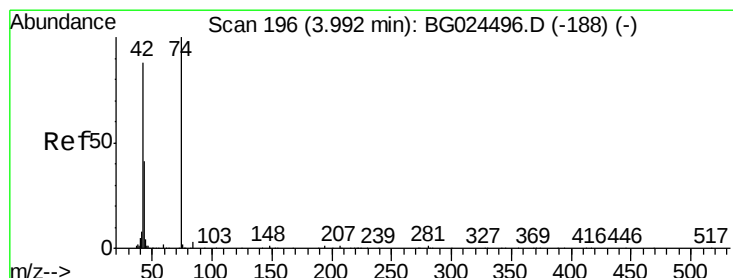
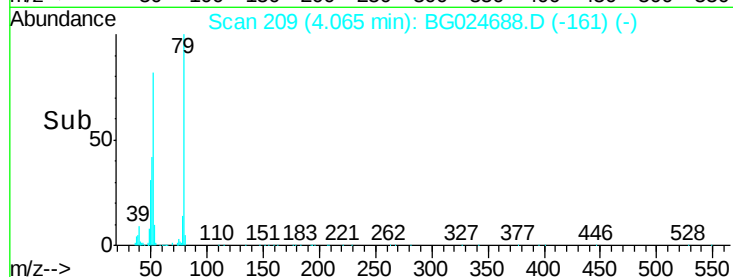
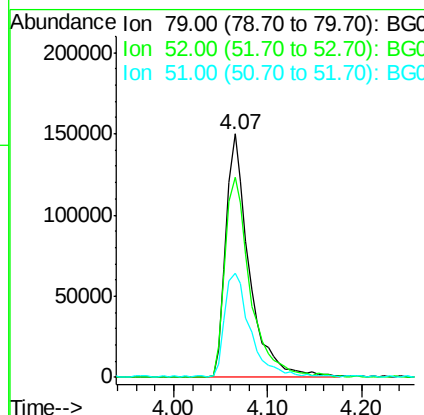
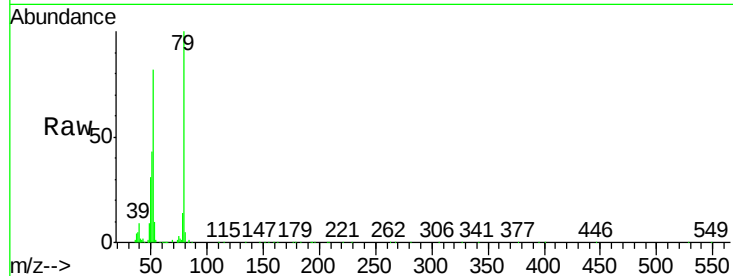
ClientSampleId :

PB94545BS

Tot Ion:	79	Resp:	260459
Ion Ratio		Lower	Upper
79	100		
52	82.4	77.8	116.6
51	42.8	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 38.83 ng

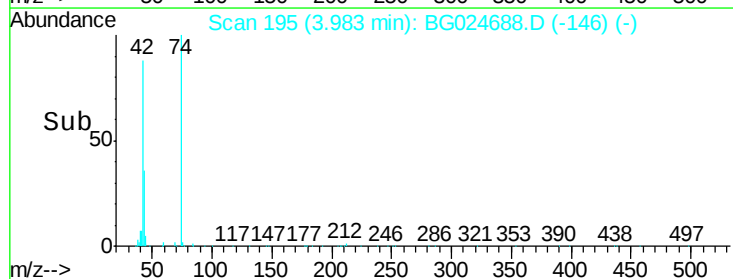
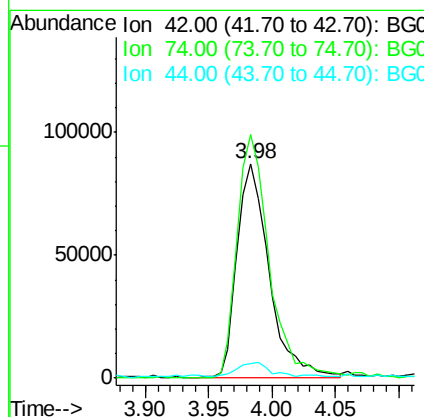
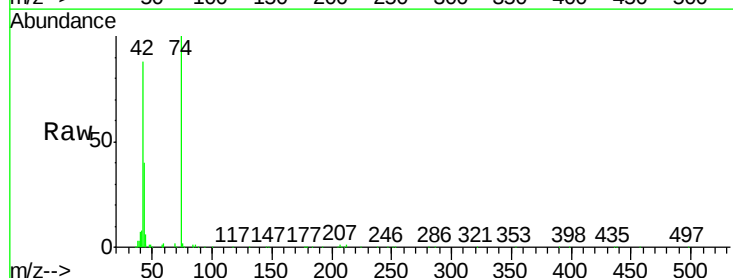
RT: 3.98 min Scan# 195

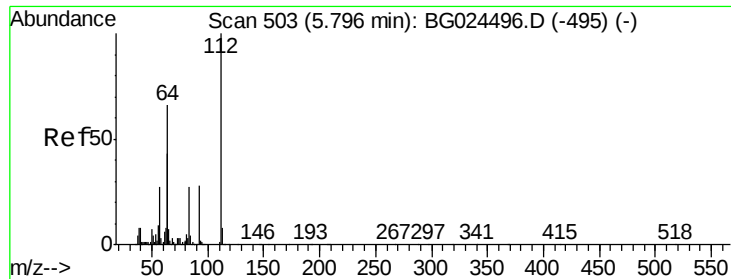
Delta R.T. -0.01 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Tgt Ion:	42	Resp:	154519
Ion Ratio		Lower	Upper
42	100		
74	113.6	76.7	115.1
44	6.6	6.1	9.1





#5

2-Fluorophenol

Concen: 128.98 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

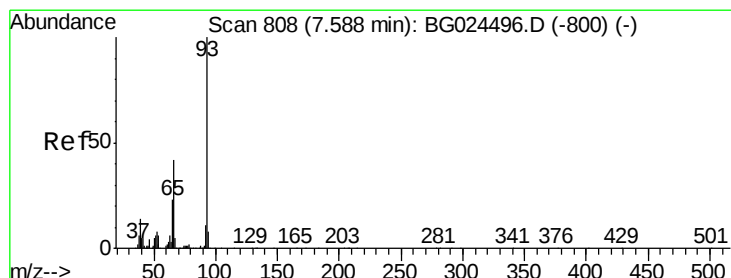
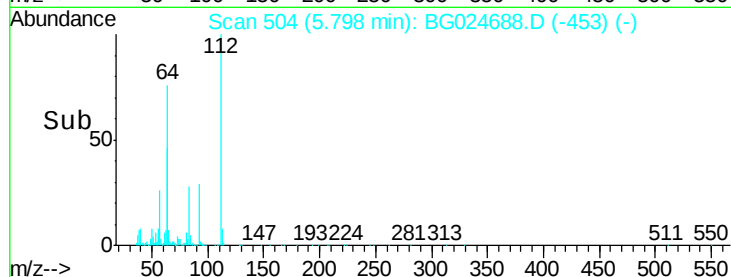
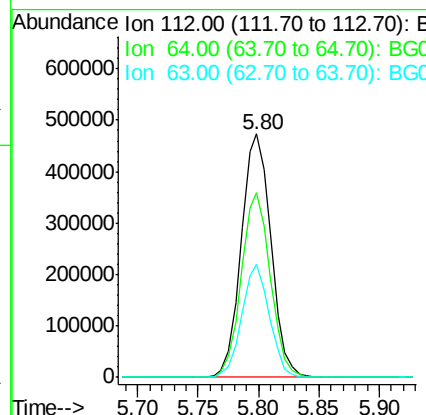
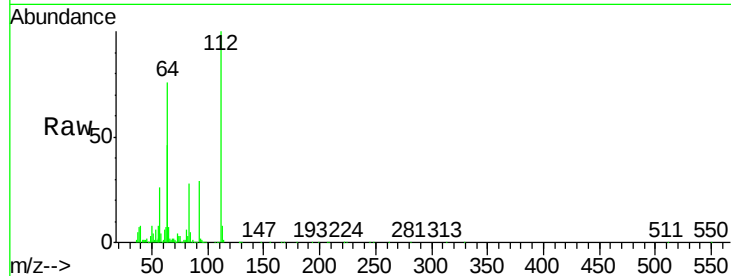
ClientSampleId :

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Tot Ion:	112	Resp:	810463
Ion Ratio	Lower	Upper	
112	100		
64	76.0	61.8	92.6
63	46.4	37.2	55.8

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#6

Aniline

Concen: 18.41 ng

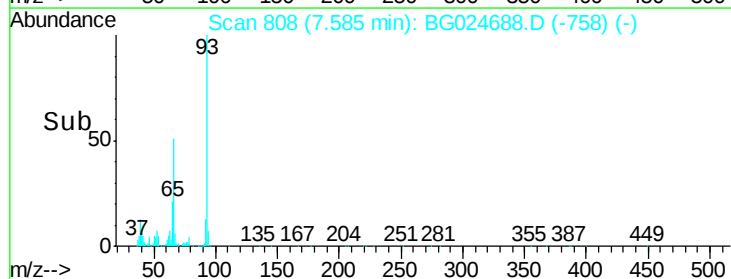
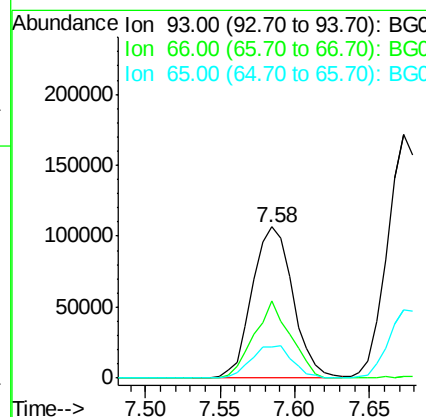
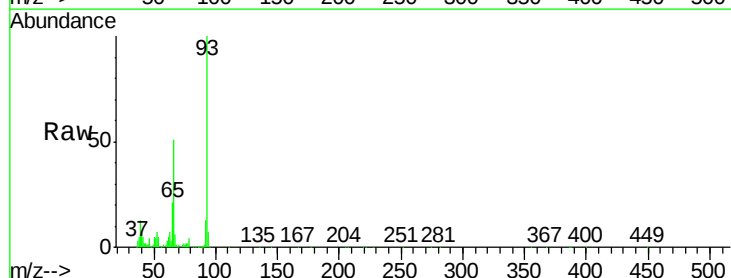
RT: 7.58 min Scan# 808

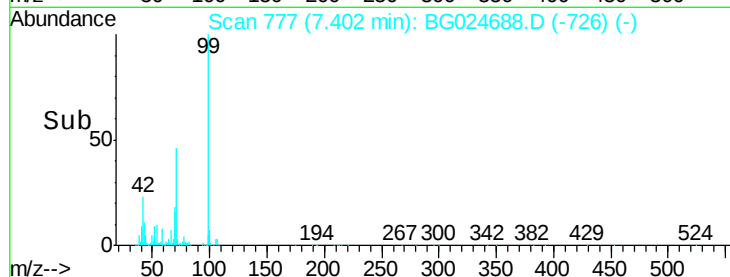
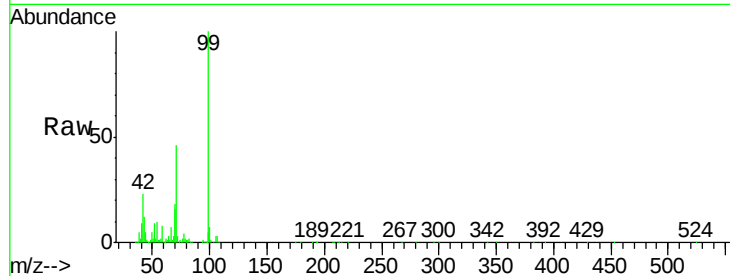
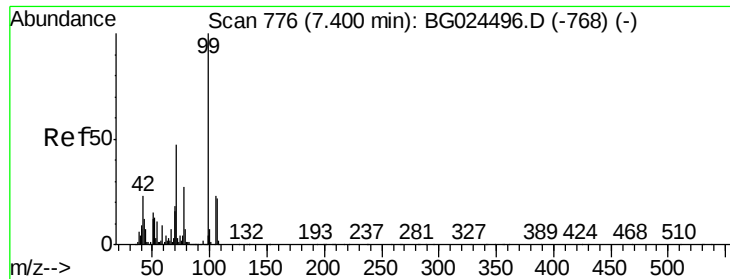
Delta R.T. -0.00 min

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Tgt Ion:	93	Resp:	201028
Ion Ratio	Lower	Upper	
93	100		
66	50.8	35.4	53.2
65	20.8	21.2	31.8#





#7

Phenol-d6

Concen: 131.28 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Tot Ion: 99 Resp: 1131589

Ion Ratio Lower Upper

99 100

42 22.7 20.5 30.7

71 45.6 37.6 56.4

Instrument :

BNA_G

ClientSampleId :

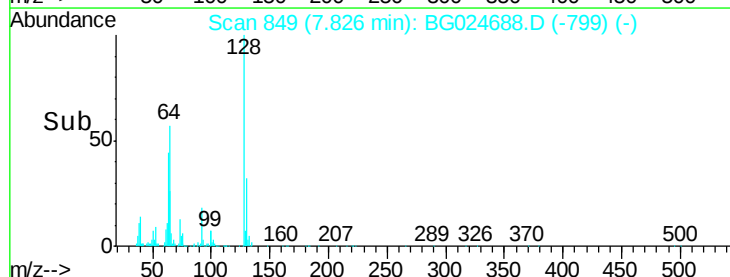
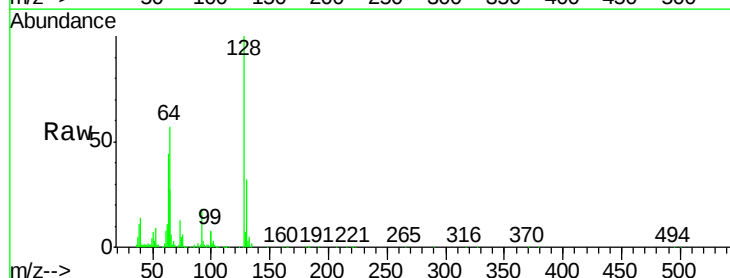
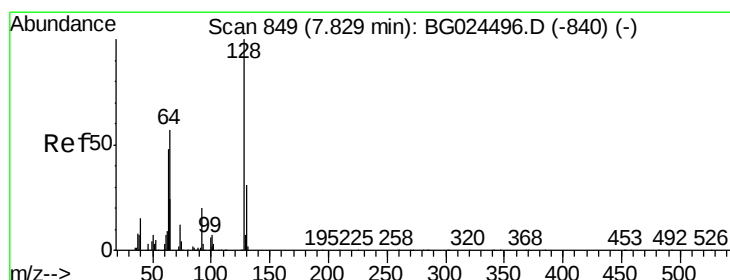
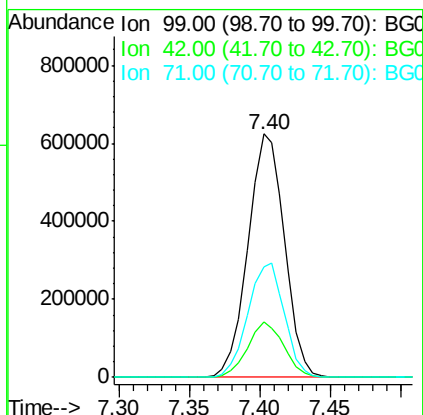
PB94545BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 43.22 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

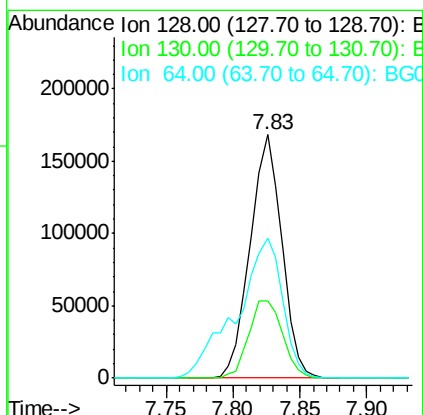
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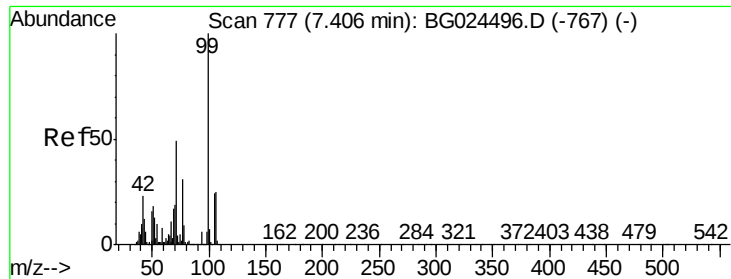
Ion Ratio Lower Upper

128 100

130 31.8 11.4 51.4

64 57.3 46.6 86.6





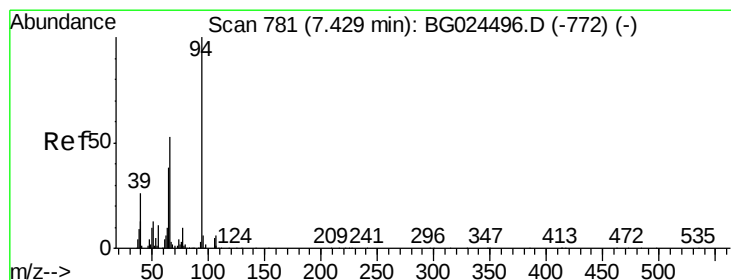
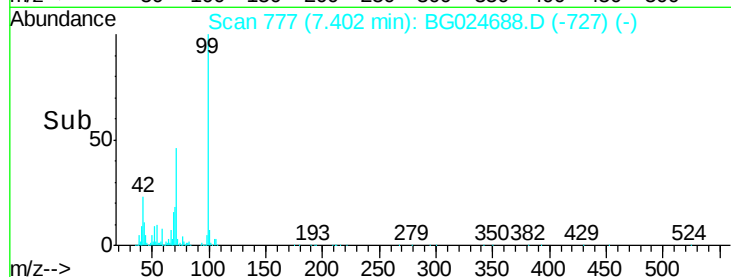
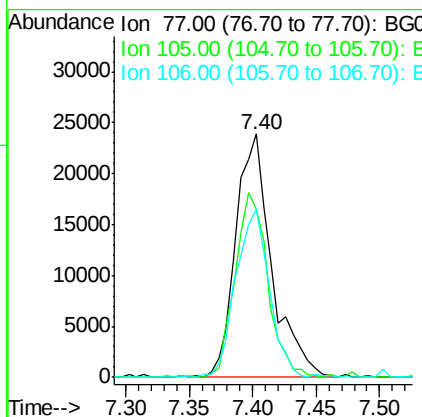
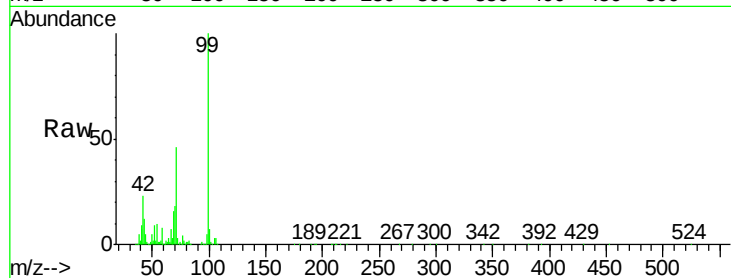
#9
Benzaldehyde
Concen: 8.82 ng
RT: 7.40 min Scan# 777
Delta R.T. -0.00 min
Lab File: BG024688.D
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Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	69.0	60.9	100.9
106	69.3	55.1	95.1

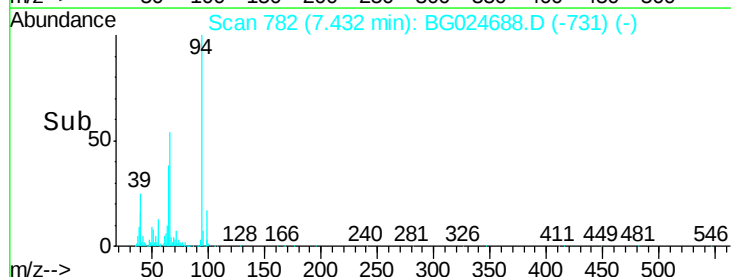
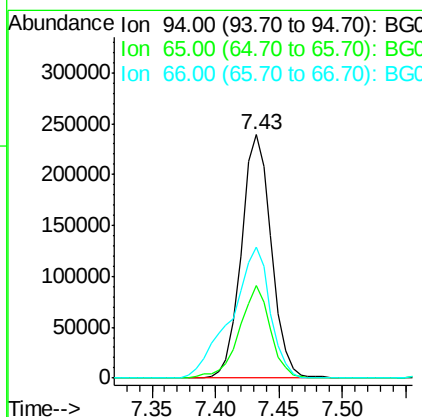
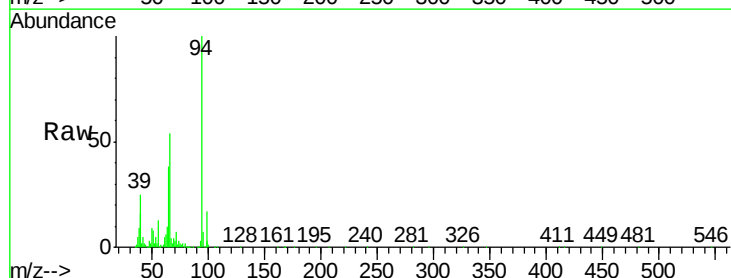
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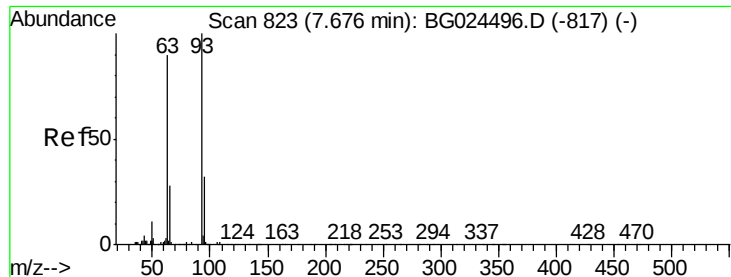
sohil
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#10
Phenol
Concen: 44.13 ng
RT: 7.43 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.0	20.6	60.6
66	53.9	35.5	75.5





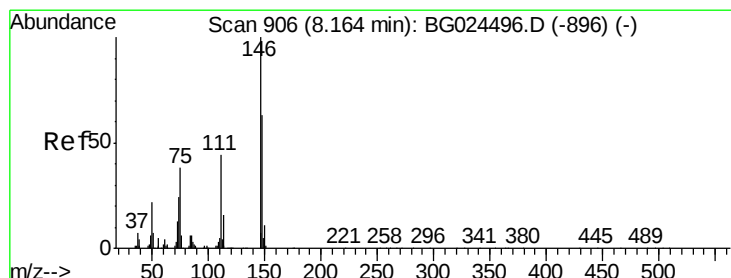
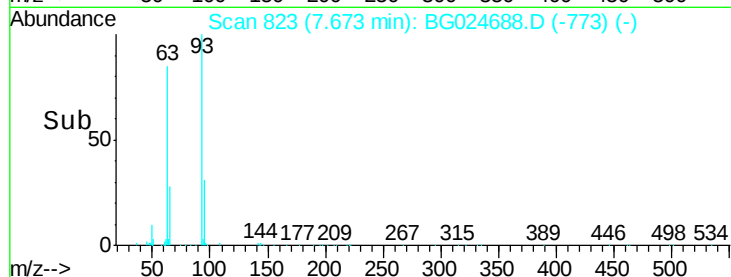
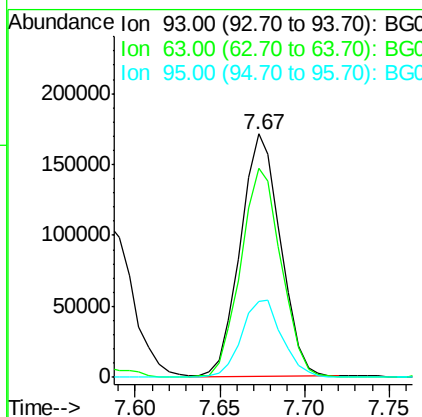
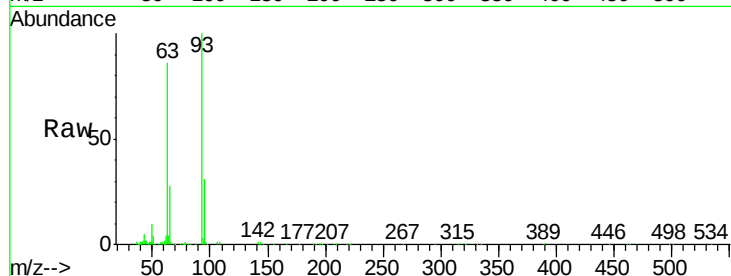
#11
bis(2-Chloroethyl)ether
Concen: 42.14 ng
RT: 7.67 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	78.5	118.5
95	31.0	9.8	49.8

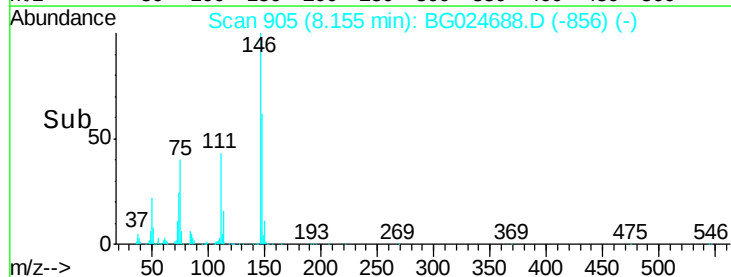
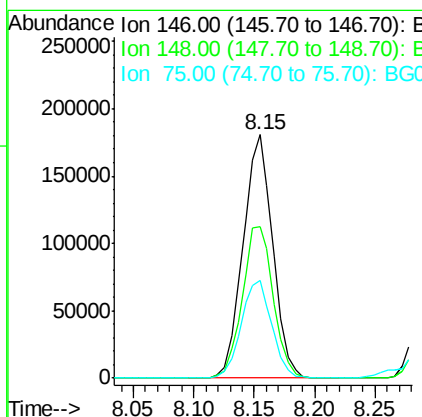
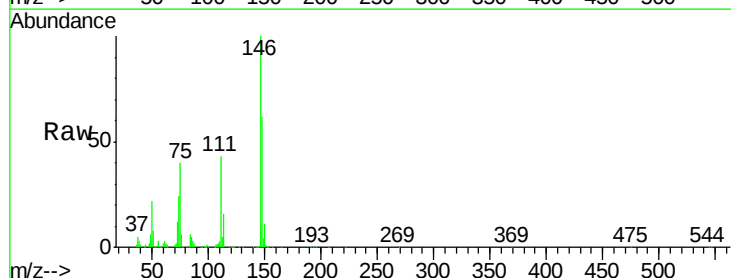
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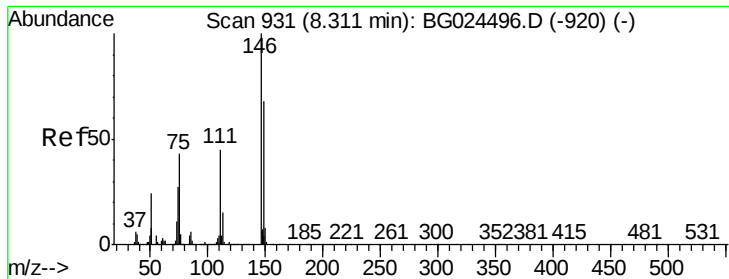
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#12
1,3-Dichlorobenzene
Concen: 39.15 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.2	73.8
75	39.9	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 40.65 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

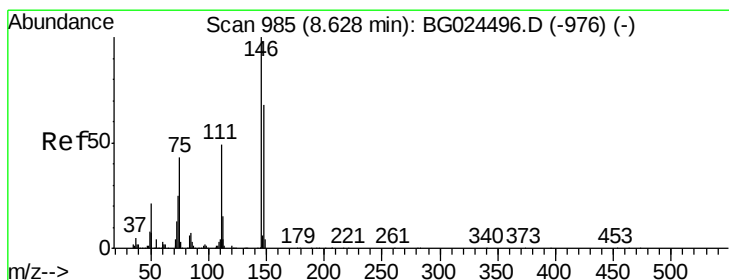
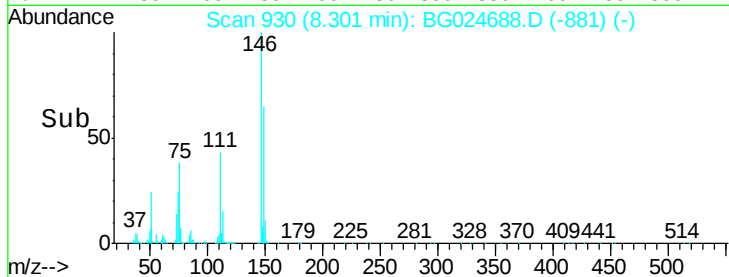
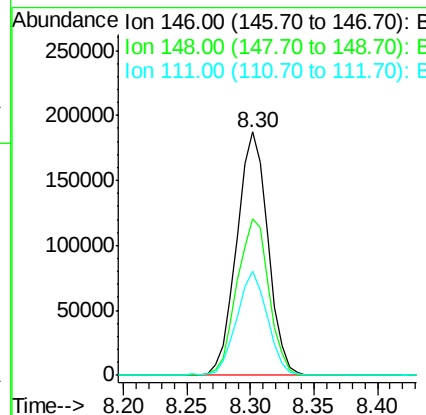
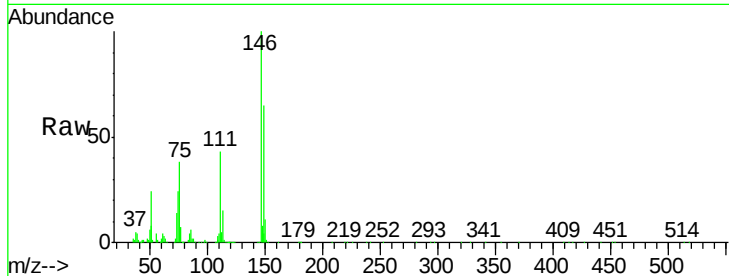
ClientSampleId :

PB94545BS

Tot Ion:	146	Resp:	317531
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.2	78.2
111	42.5	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 39.92 ng

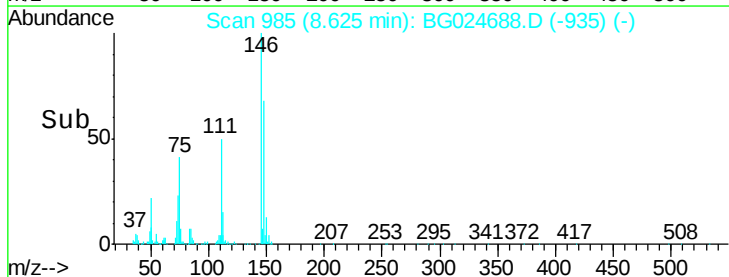
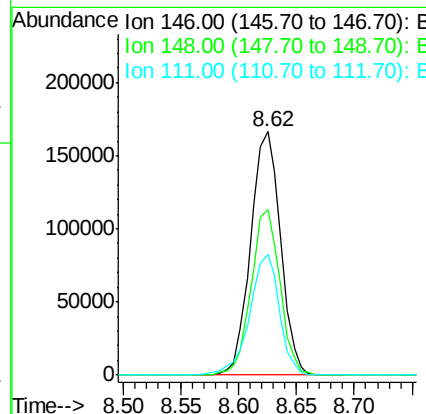
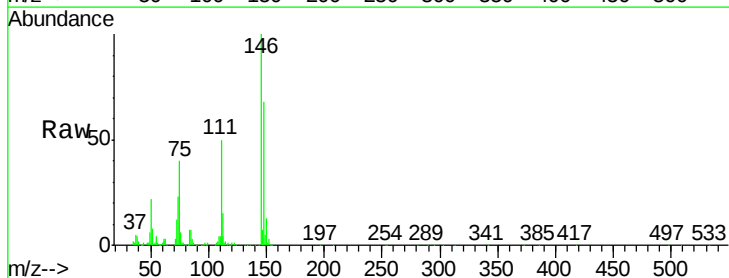
RT: 8.62 min Scan# 985

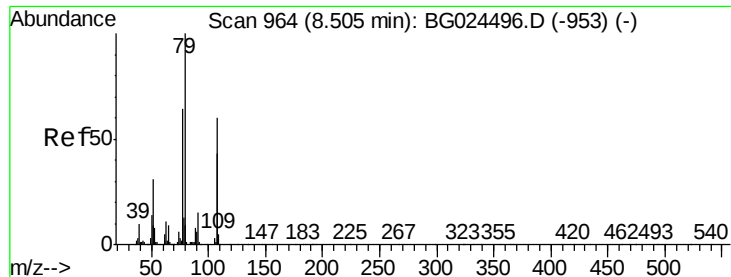
Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Tgt Ion:	146	Resp:	299856
Ion Ratio	Lower	Upper	
146	100		
148	67.9	54.6	81.8
111	49.7	39.7	59.5





#15

Benzyl Alcohol

Concen: 40.62 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

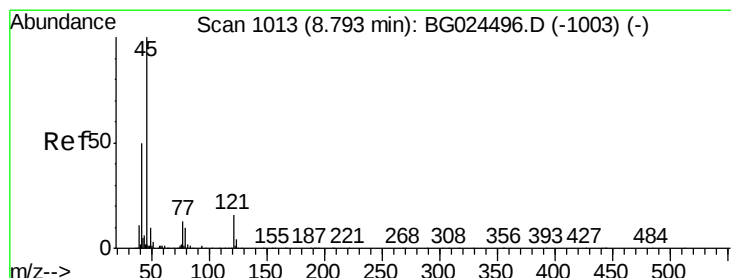
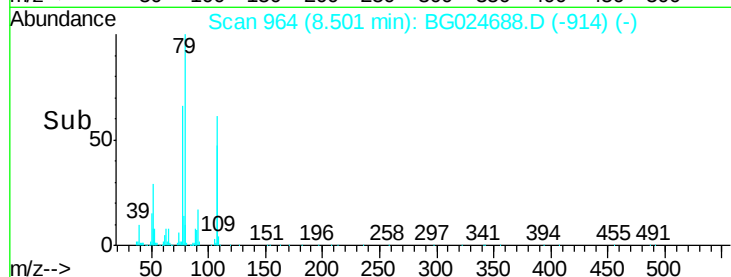
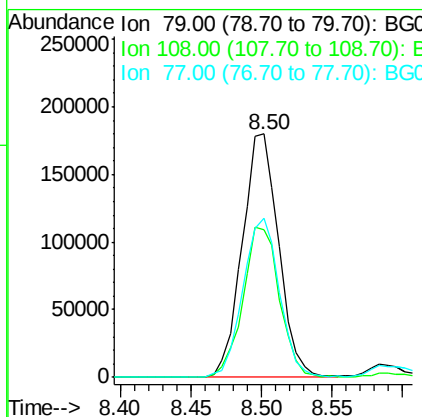
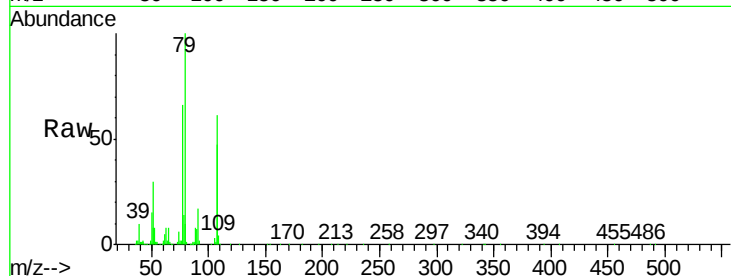
ClientSampled :

PB94545BS

Tot Ion:	79	Resp:	325711
Ion Ratio	Lower	Upper	
79	100		
108	60.8	45.5	68.3
77	65.6	54.3	81.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.71 ng

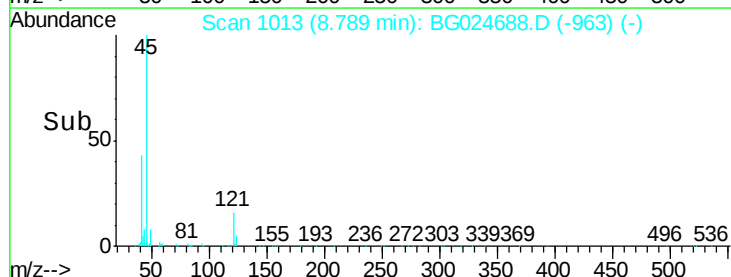
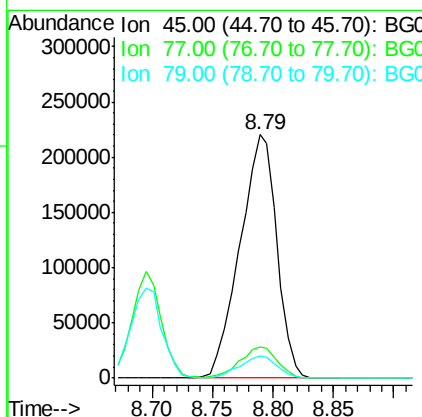
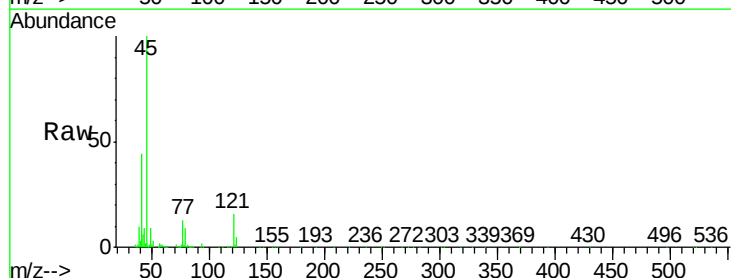
RT: 8.79 min Scan# 1013

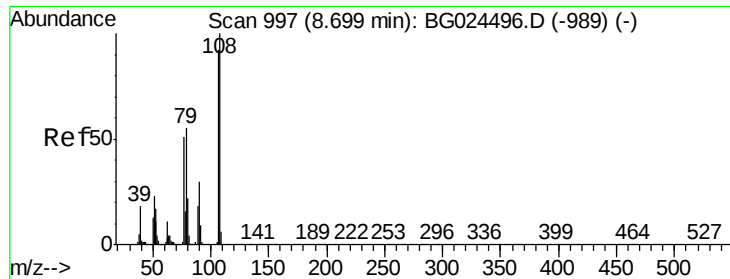
Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Tgt Ion:	45	Resp:	466975
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	30.6
79	8.9	0.0	28.5





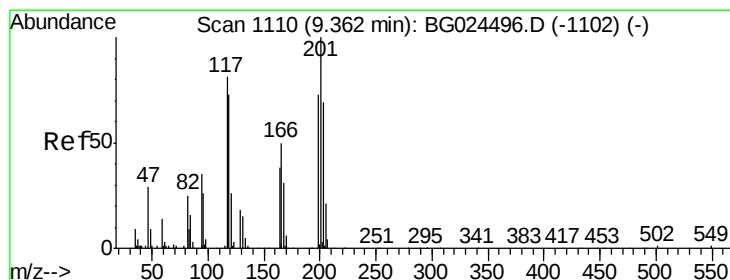
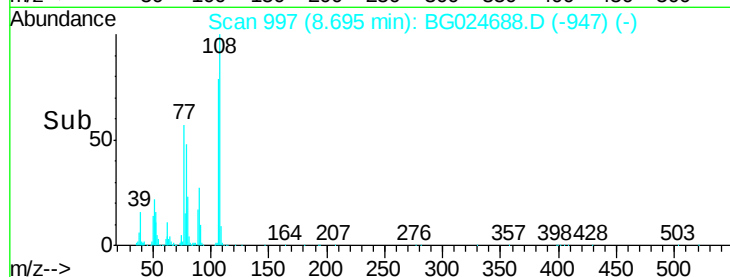
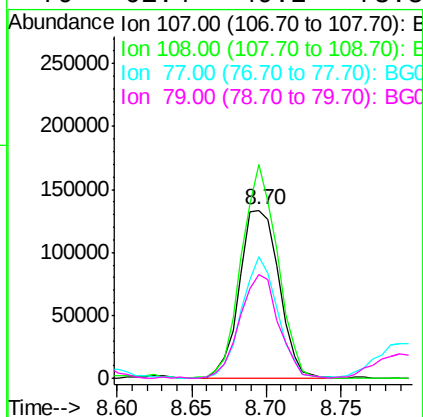
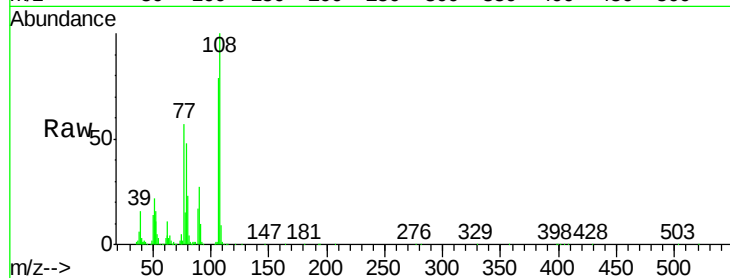
#17
2-Methylphenol
Concen: 41.71 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	127.2	85.6	128.4	
77	72.5	51.4	77.2	
79	61.4	49.2	73.8	

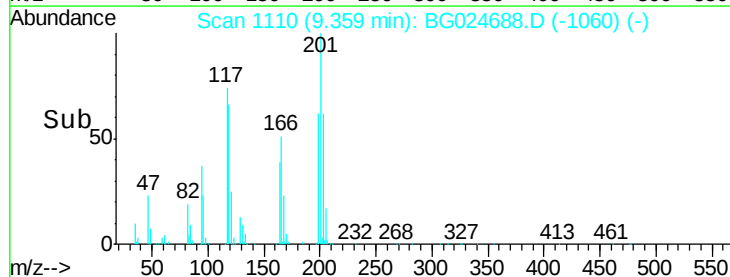
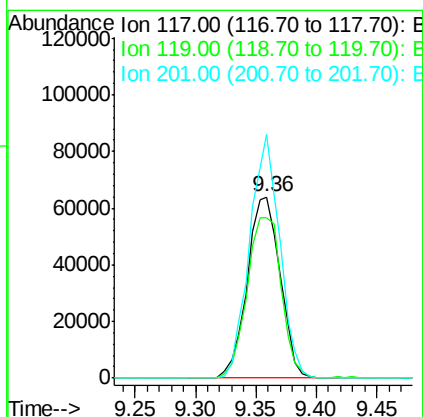
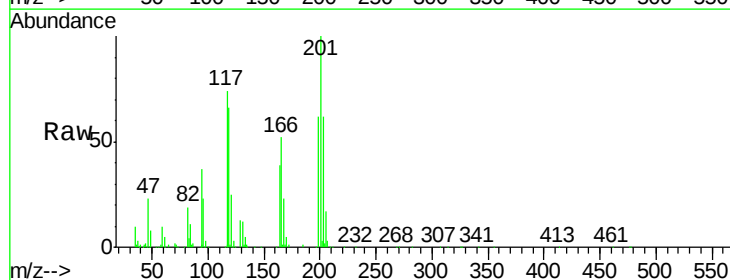
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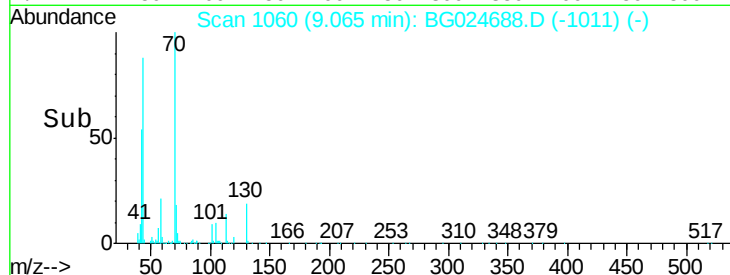
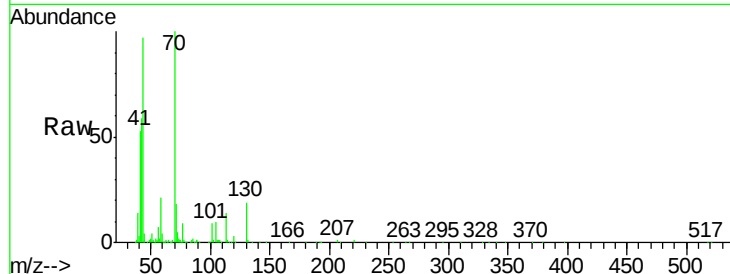
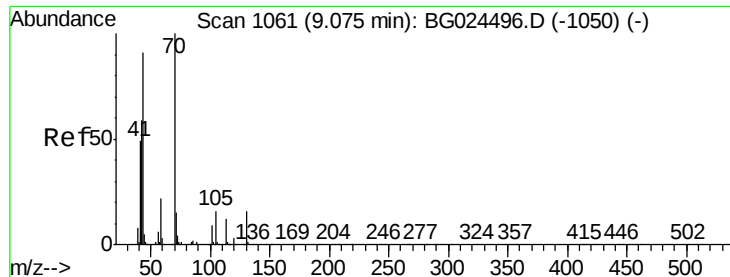
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#18
Hexachloroethane
Concen: 40.57 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.6	69.8	104.6	
201	134.5	95.4	143.0	





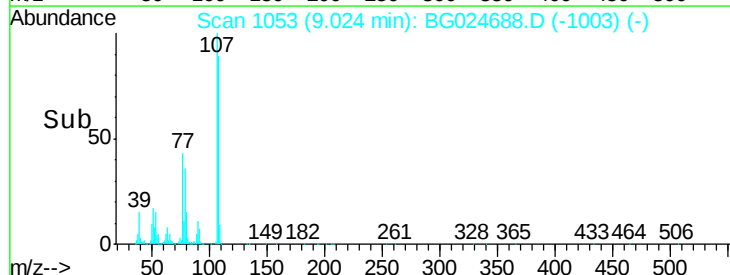
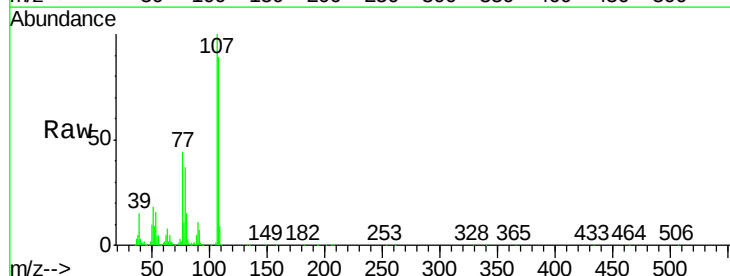
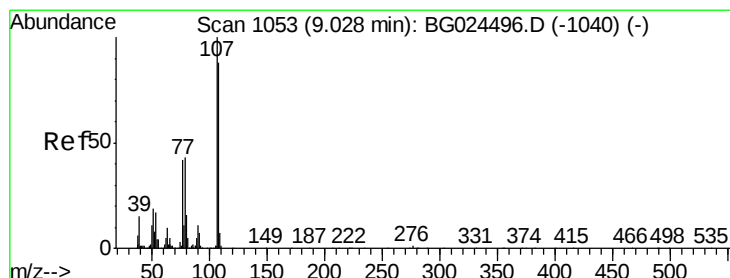
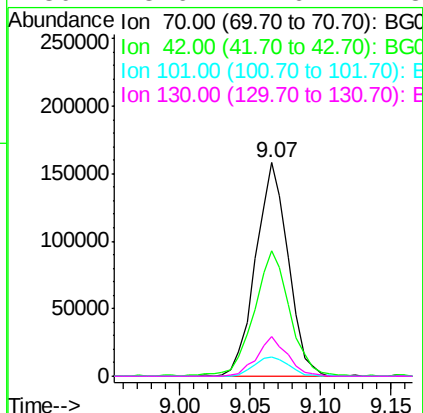
#19
n-Nitroso-di-n-propylamine
Concen: 40.42 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	56.1	84.1	
101	9.0	7.5	11.3	
130	18.6	14.6	21.8	

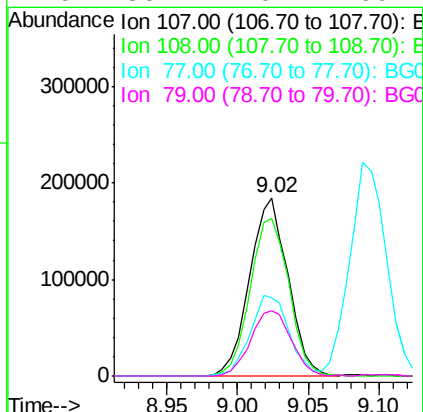
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#20
3+4-Methylphenols
Concen: 44.27 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	70.8	110.8	
77	43.5	25.8	65.8	
79	36.7	20.1	60.1	





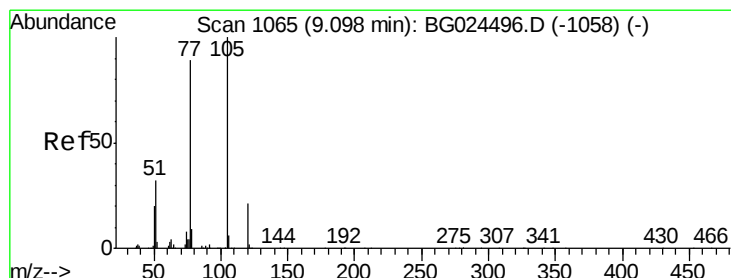
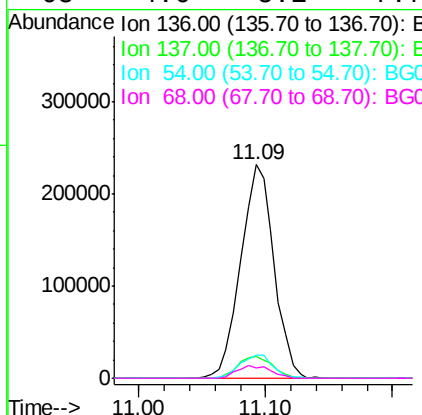
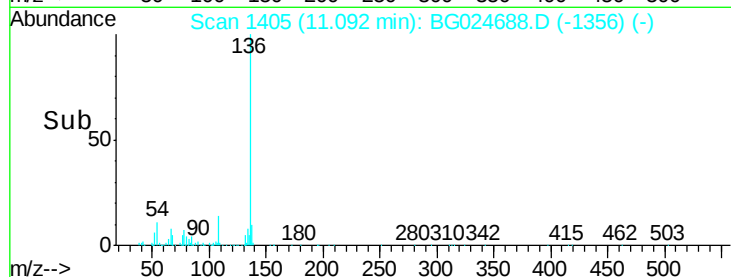
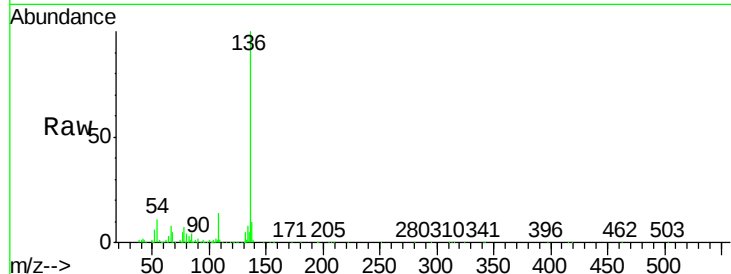
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	420511		
137	10.4	8.9	13.3	
54	10.9	9.3	13.9	
68	4.6	5.1	7.7#	

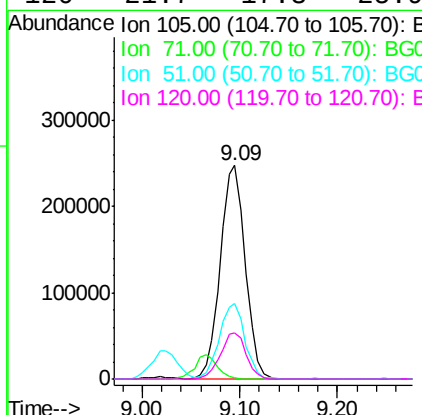
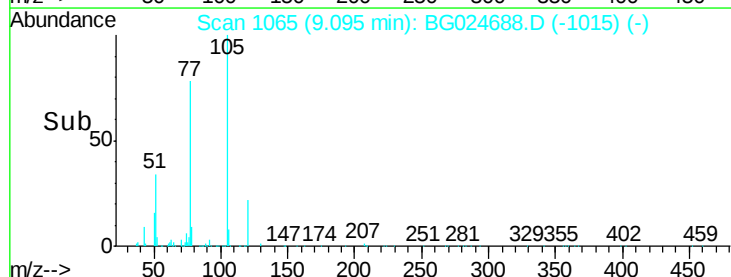
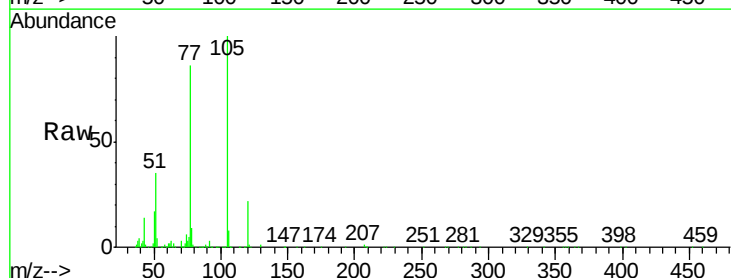
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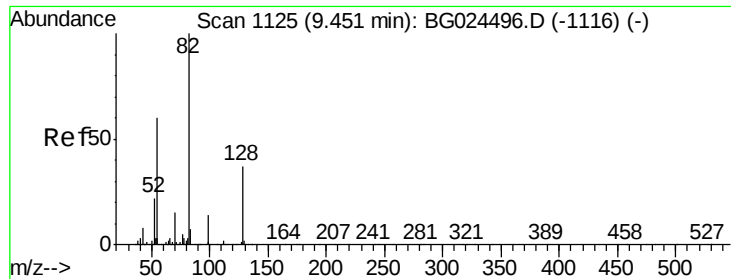
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#22
Acetophenone
Concen: 40.41 ng
RT: 9.09 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	436487		
71	0.4	0.9	1.3#	
51	35.5	34.0	51.0	
120	21.7	17.3	25.9	





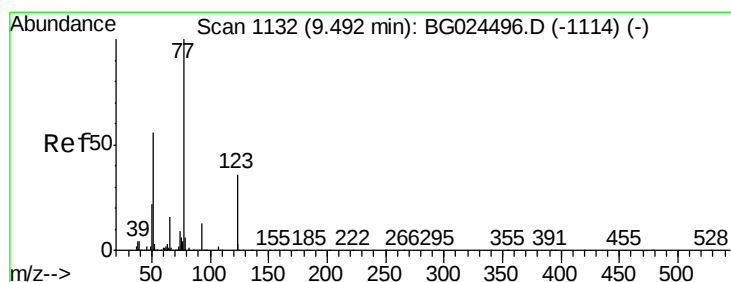
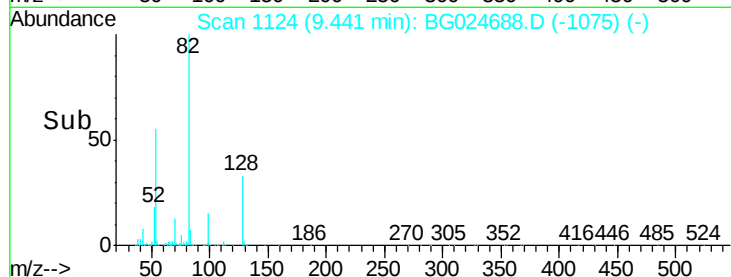
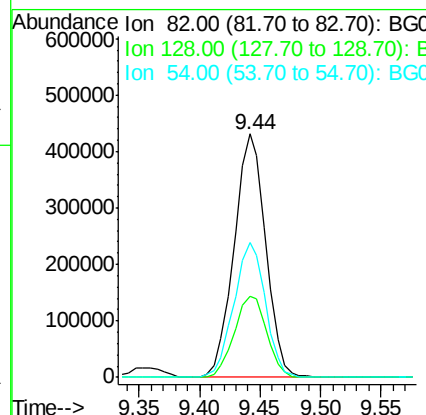
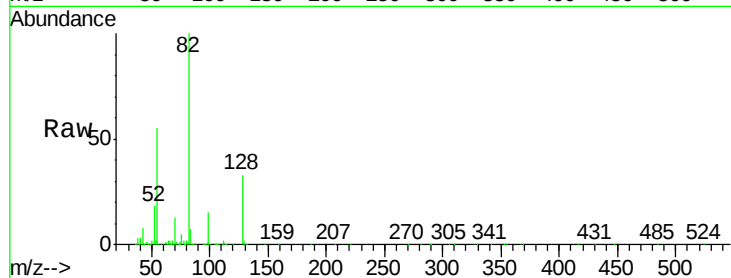
#23
 Nitrobenzene-d5
 Concen: 84.65 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Instrument :
 BNA_G
 ClientSampled :
 PB94545BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.2	26.4	39.6
54	55.1	49.4	74.2

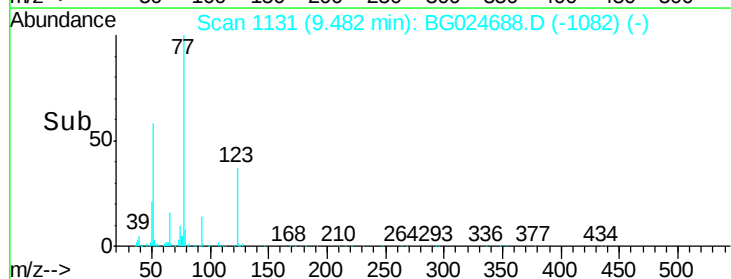
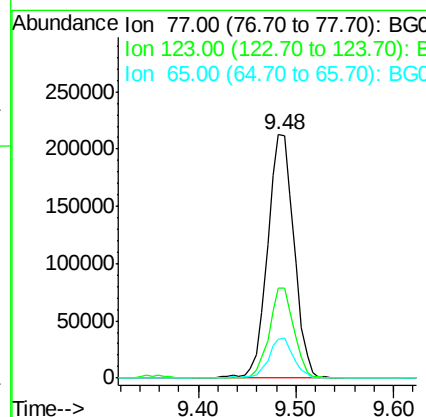
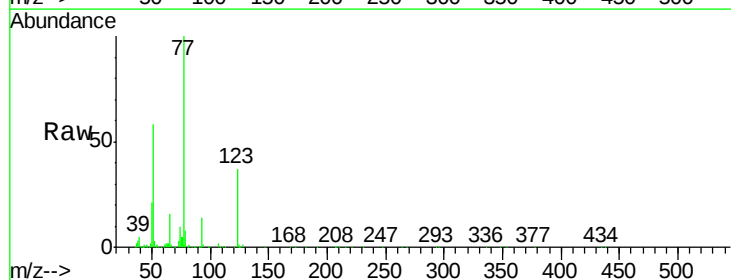
Manual Integrations
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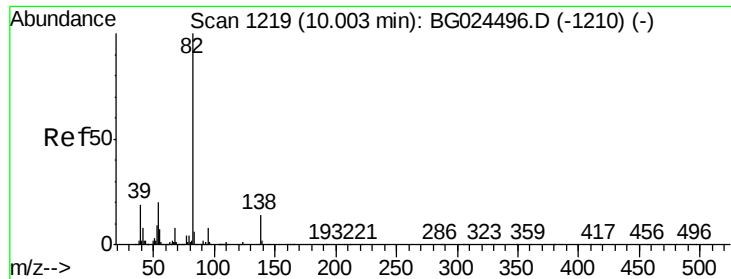
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#24
 Nitrobenzene
 Concen: 39.35 ng
 RT: 9.48 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.2	26.1	39.1
65	16.1	12.4	18.6





#25

Isophorone

Concen: 40.34 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

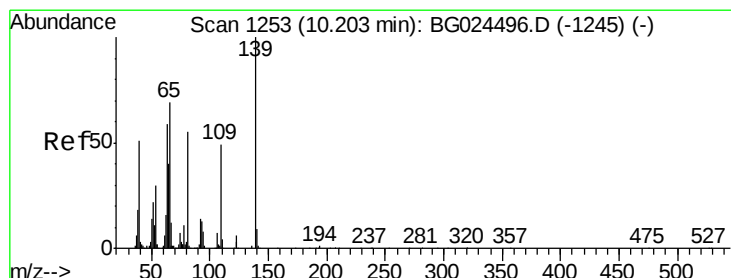
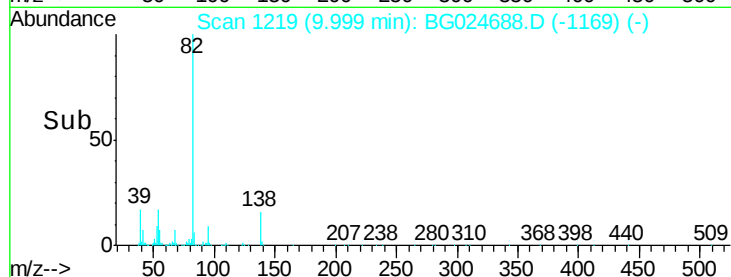
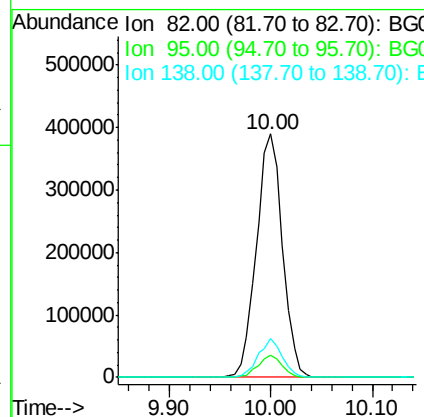
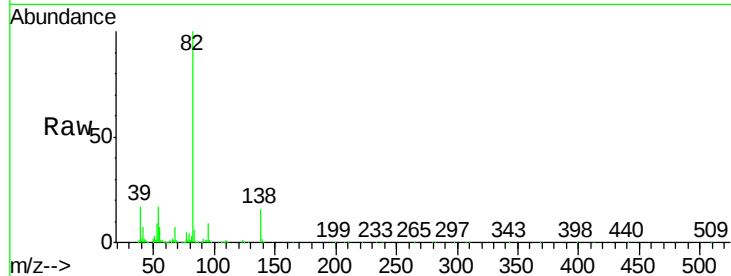
ClientSampled :

PB94545BS

Tot Ion:	82	Resp:	692974
Ion Ratio		Lower	Upper
82	100		
95	9.4	7.5	11.3
138	16.0	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.78 ng

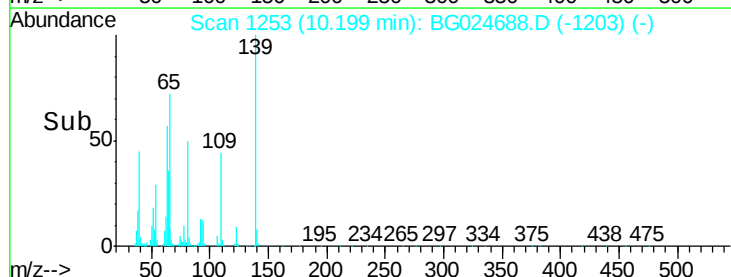
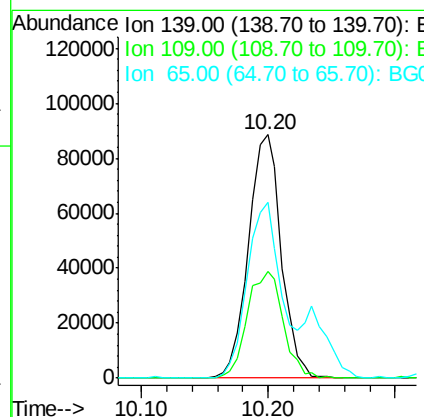
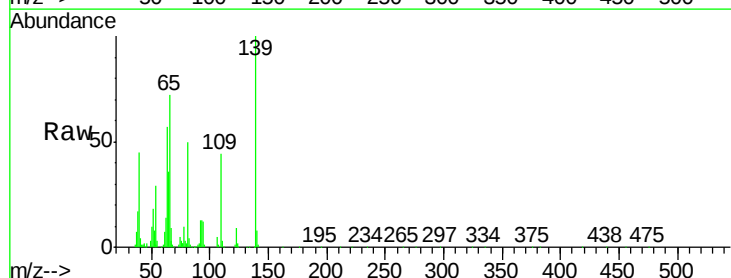
RT: 10.20 min Scan# 1253

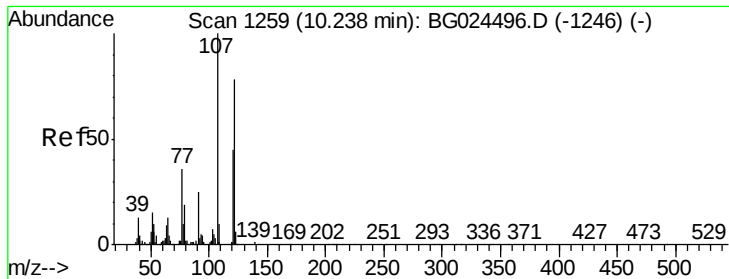
Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Tgt Ion:	139	Resp:	159334
Ion Ratio		Lower	Upper
139	100		
109	43.6	38.6	58.0
65	72.1	57.1	85.7





#27

2,4-Dimethylphenol

Concen: 43.22 ng

RT: 10.23 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

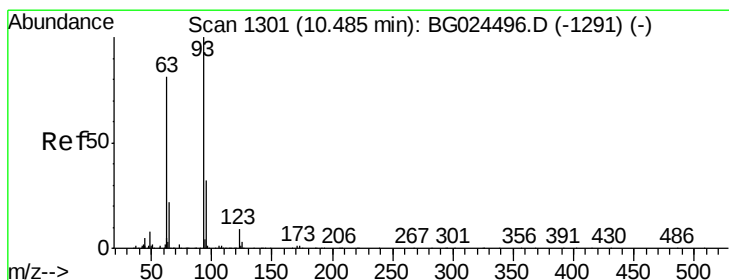
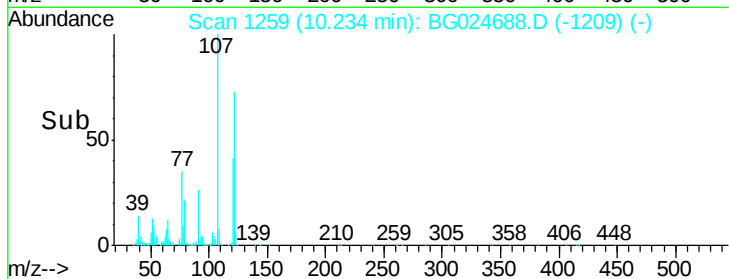
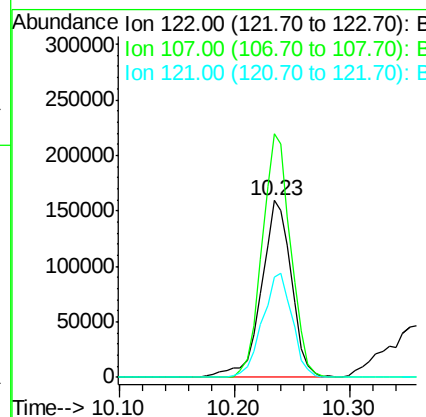
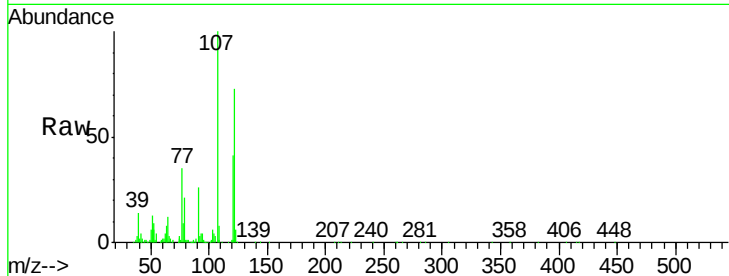
ClientSampleId :

PB94545BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.7	104.2	156.4
121	56.4	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 42.75 ng

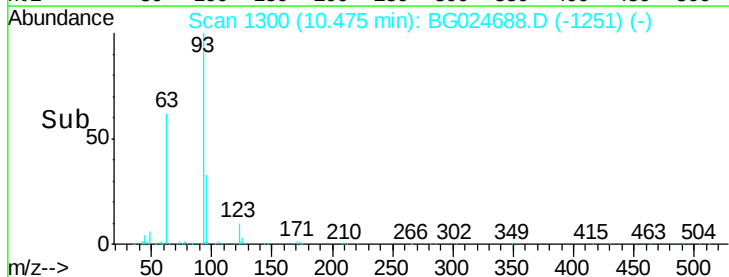
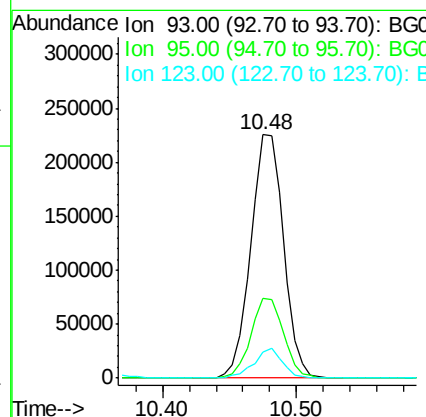
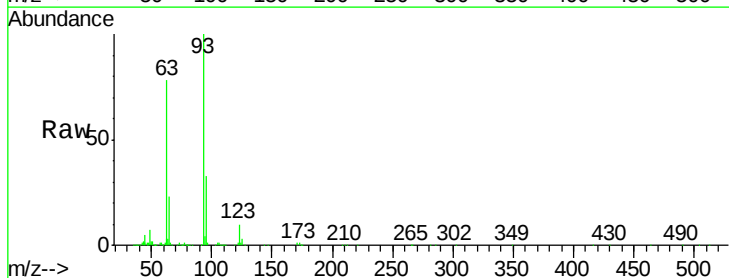
RT: 10.48 min Scan# 1300

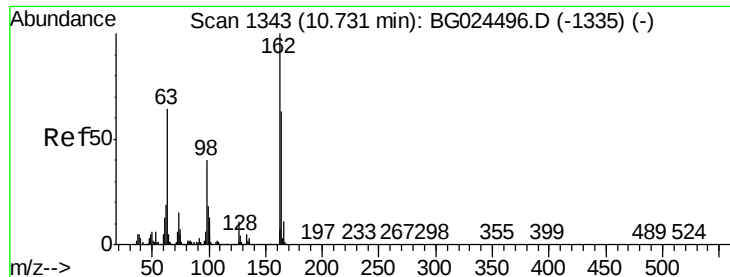
Delta R.T. -0.01 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.7	38.5
123	10.5	8.3	12.5





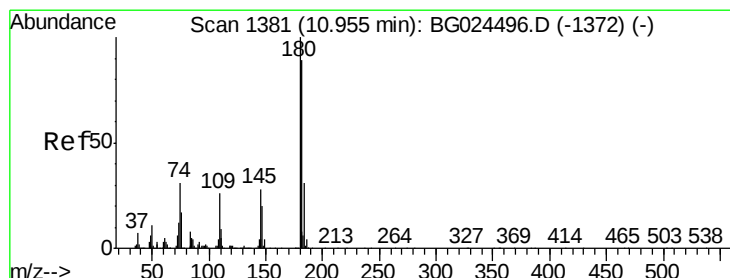
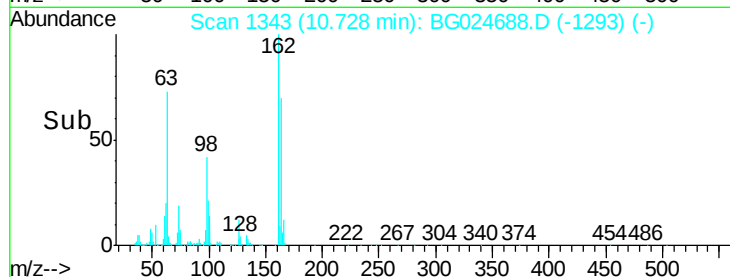
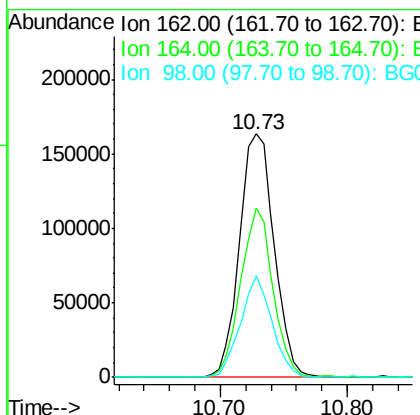
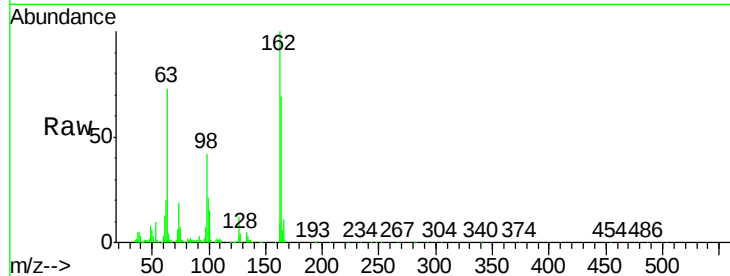
#29
2,4-Dichlorophenol
Concen: 44.26 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.5	42.4	82.4
98	41.6	20.3	60.3

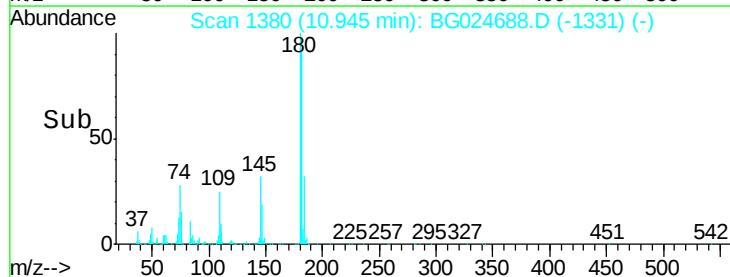
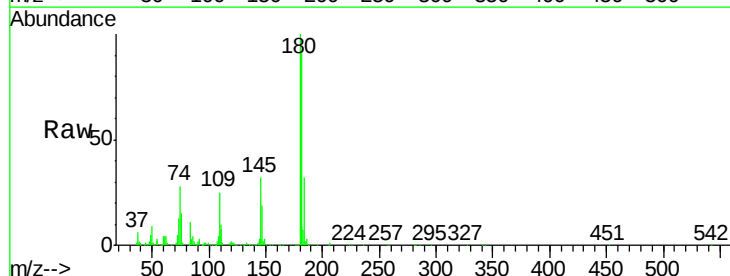
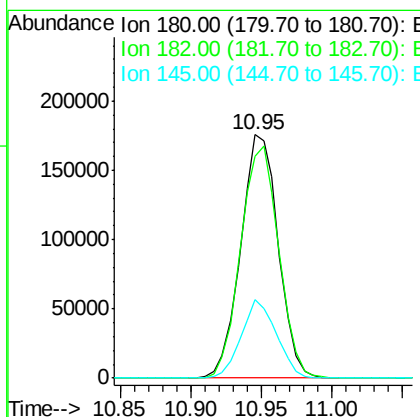
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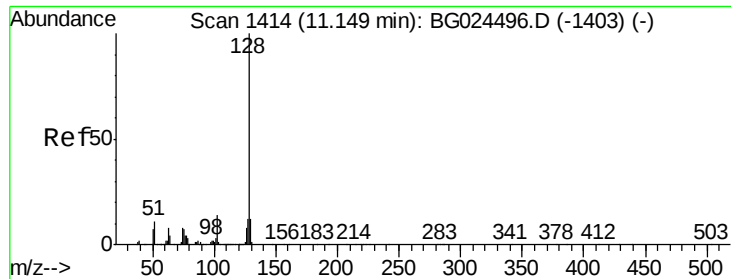
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#30
1,2,4-Trichlorobenzene
Concen: 39.31 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	77.0	115.4
145	32.4	23.4	35.0





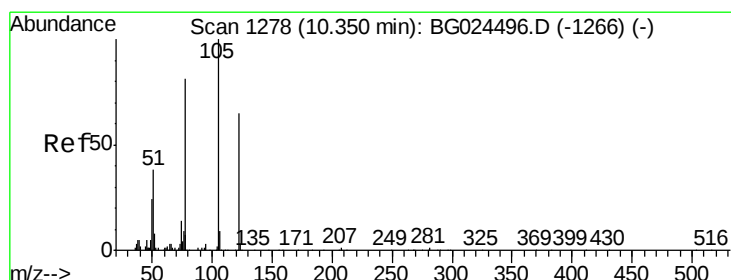
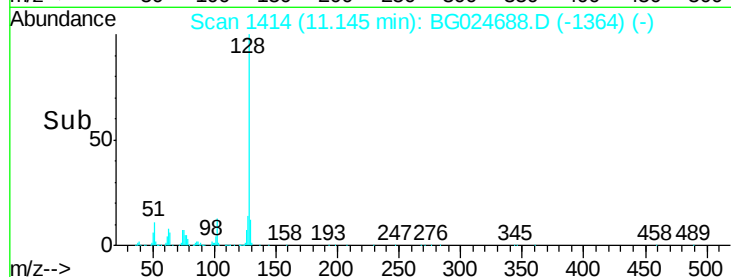
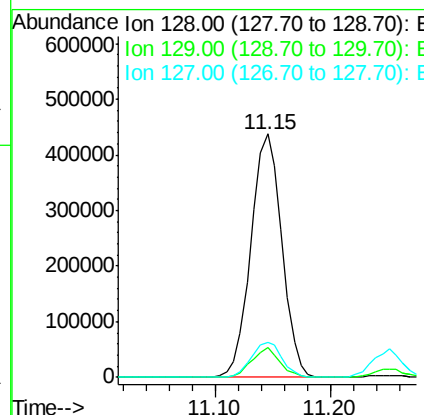
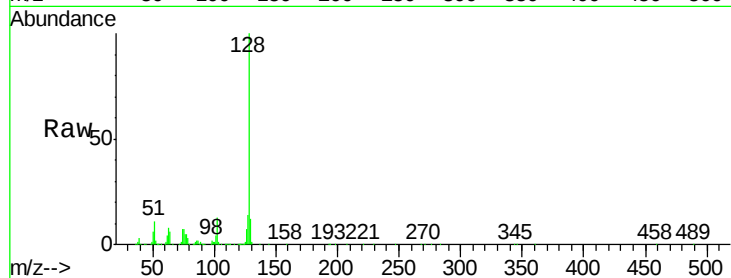
#31
Naphthalene
Concen: 38.91 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampled :
PB94545BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.3	9.3	13.9	
127	14.2	11.4	17.0	

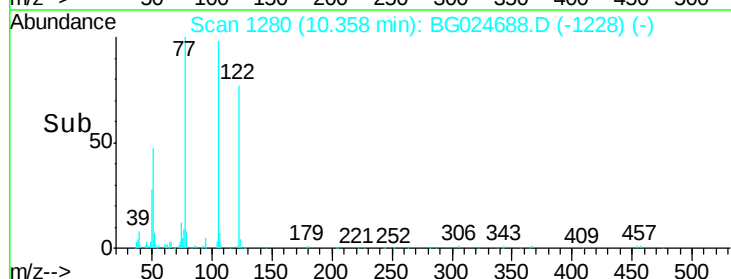
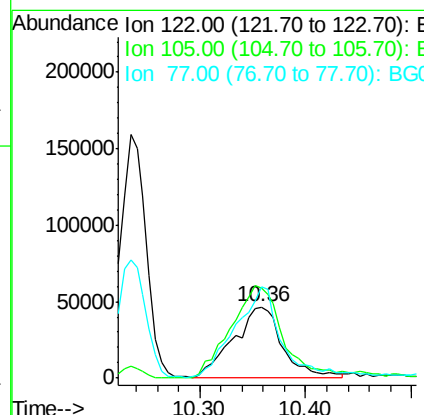
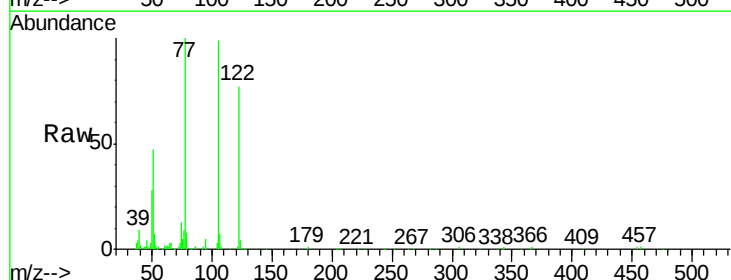
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#32
Benzoic acid
Concen: 27.41 ng
RT: 10.36 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.7	120.1	160.1	
77	129.3	104.6	144.6	





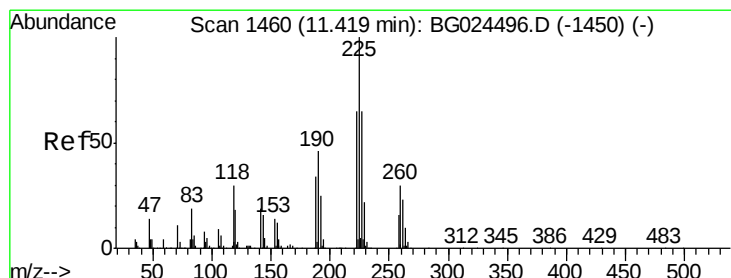
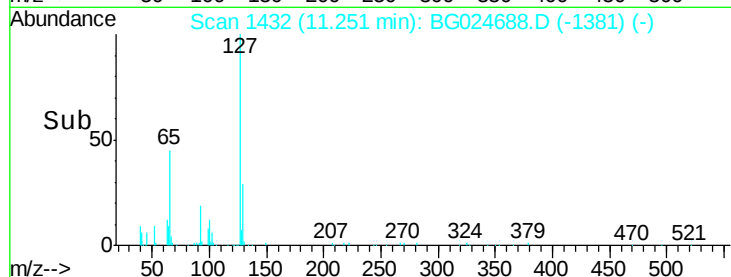
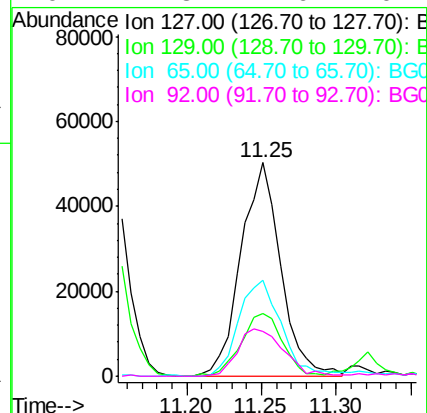
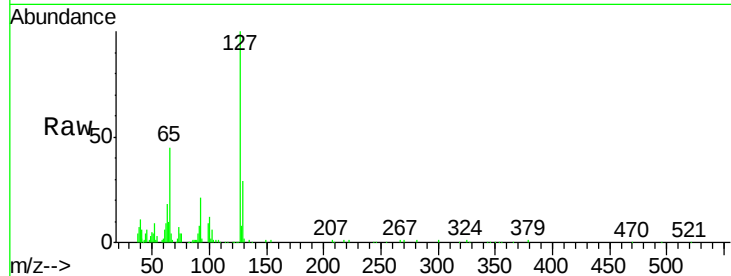
#33
4-Chloroaniline
Concen: 10.23 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.2	23.6	35.4
65	45.0	37.7	56.5
92	21.3	17.6	26.4

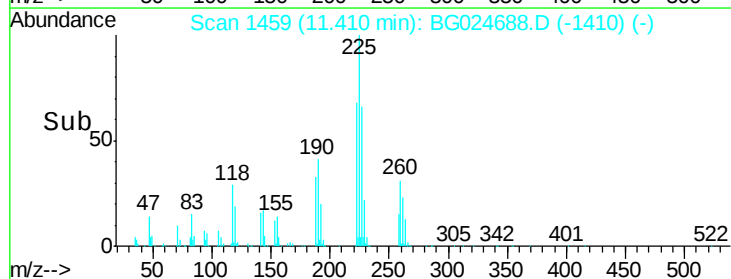
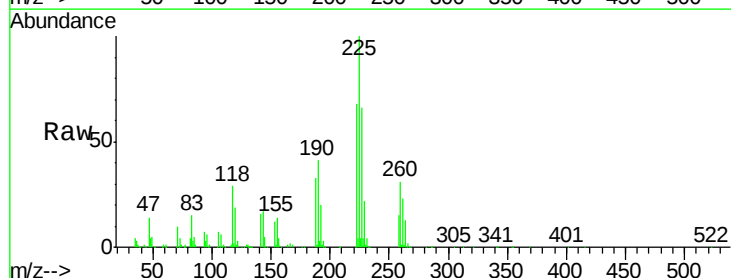
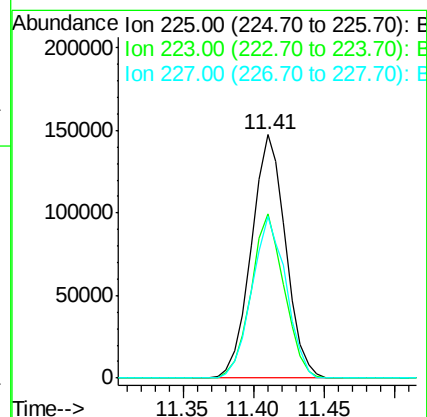
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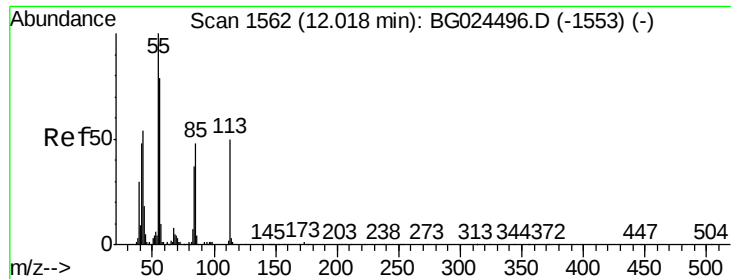
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#34
Hexachlorobutadiene
Concen: 38.71 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.6	50.7	76.1
227	66.5	49.0	73.6





#35

Caprolactam

Concen: 43.78 ng/ml

RT: 12.01 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

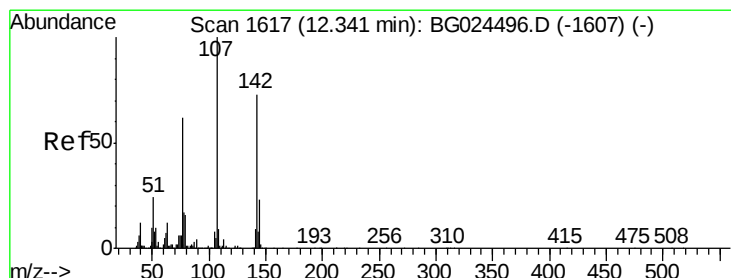
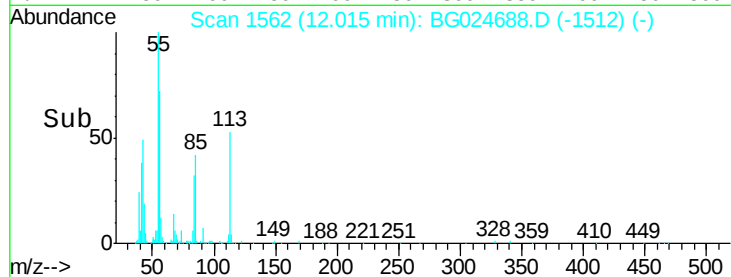
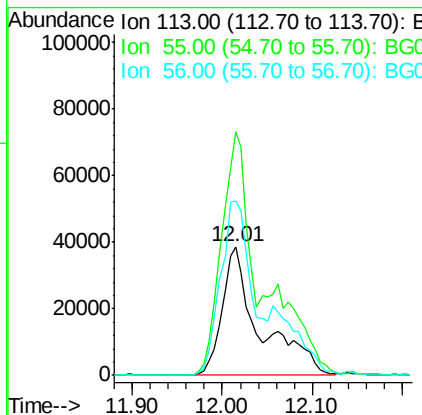
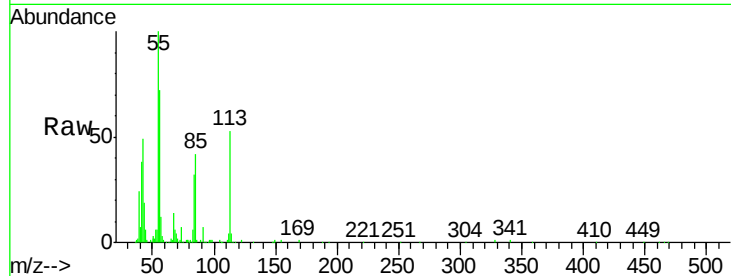
ClientSampleID :

PB94545BS

Tot Ion:	113	Resp:	112310
Ion Ratio	Lower	Upper	
113	100		
55	189.1	198.6	238.6#
56	135.8	140.4	180.4#

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#36

4-Chloro-3-methylphenol

Concen: 42.06 ng/ml

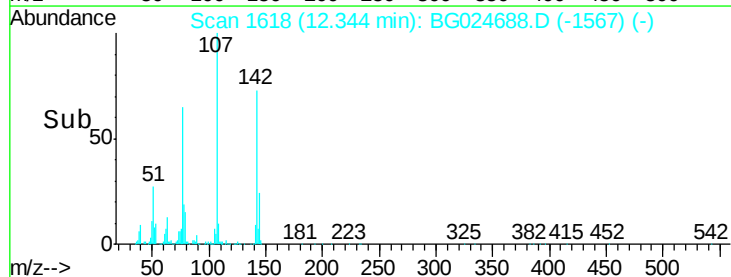
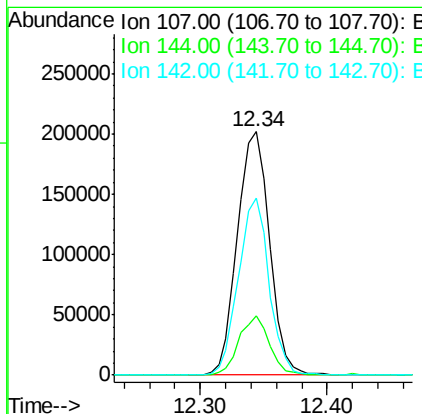
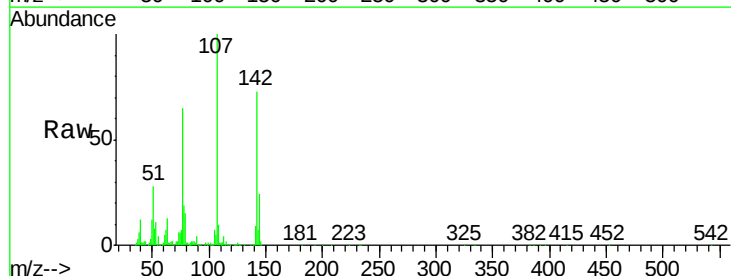
RT: 12.34 min Scan# 1618

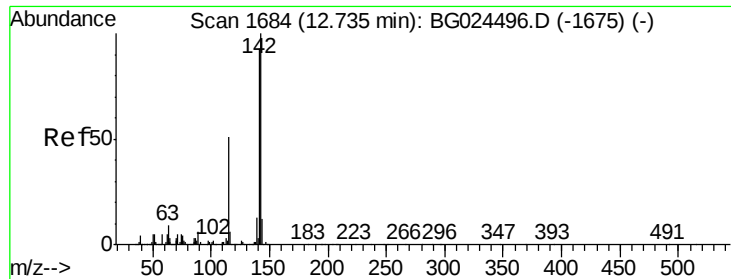
Delta R.T. 0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Tgt Ion:	107	Resp:	355812
Ion Ratio	Lower	Upper	
107	100		
144	24.3	17.4	26.0
142	72.8	54.1	81.1





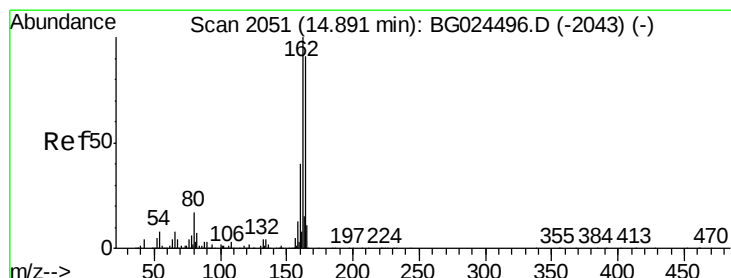
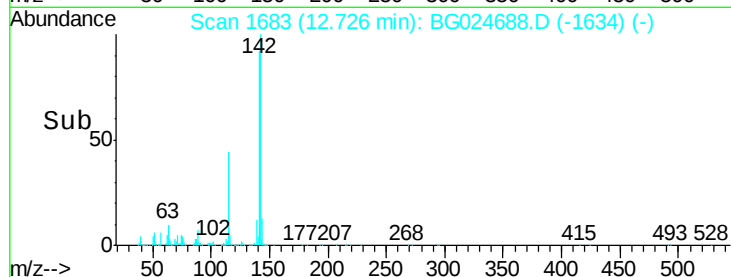
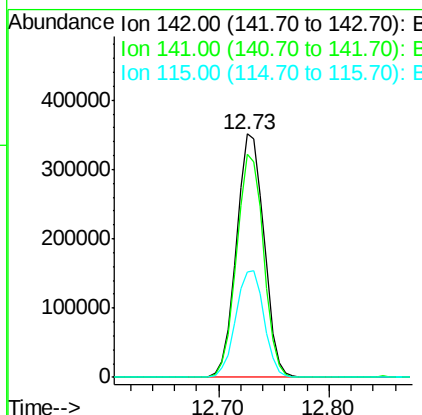
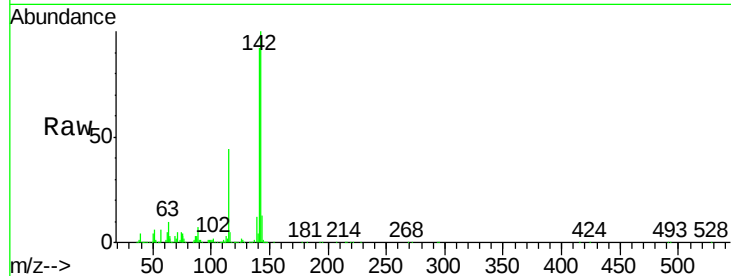
#37
2-Methylnaphthalene
Concen: 40.37 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.4	105.6
115	43.5	35.5	53.3

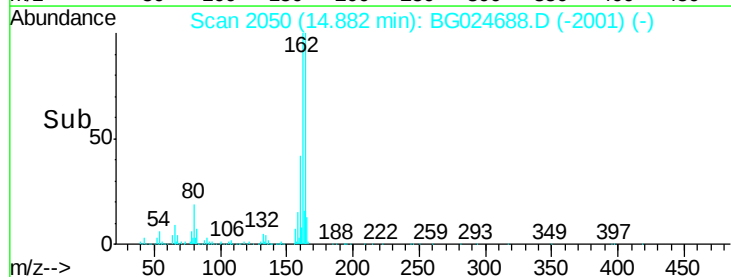
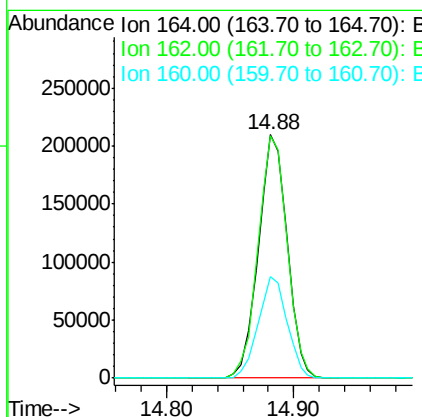
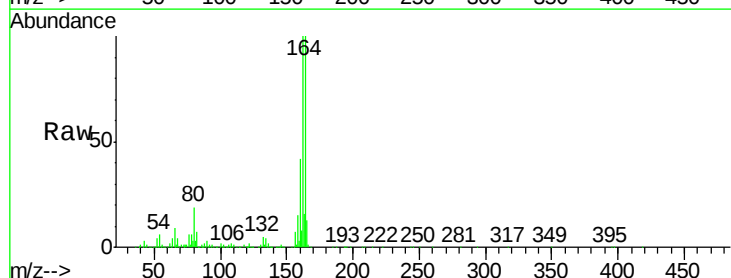
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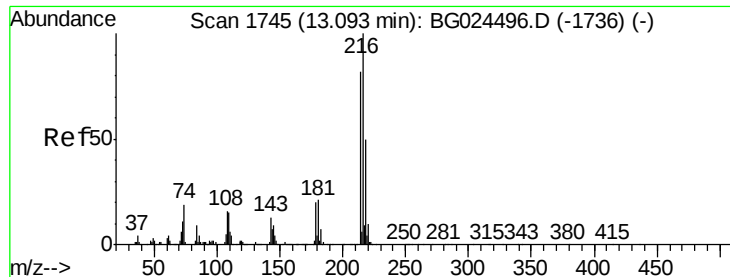
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	85.1	127.7
160	41.6	34.7	52.1





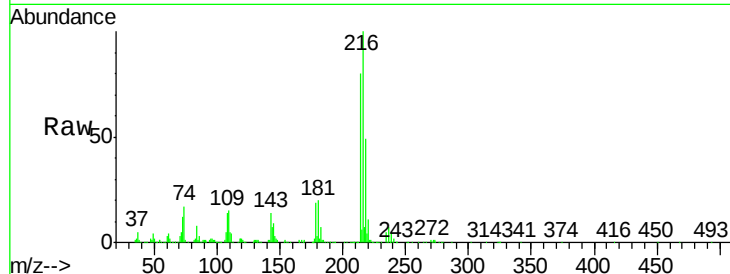
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.64 ng
RT: 13.08 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

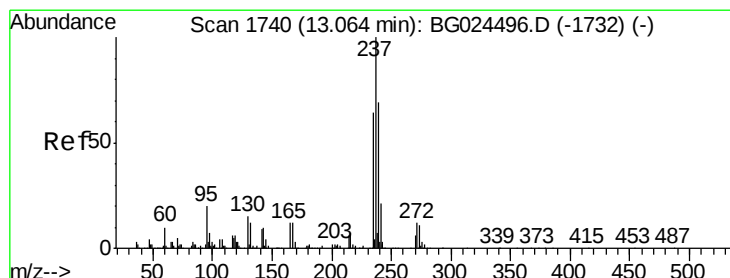
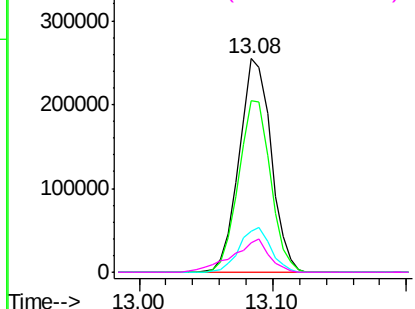
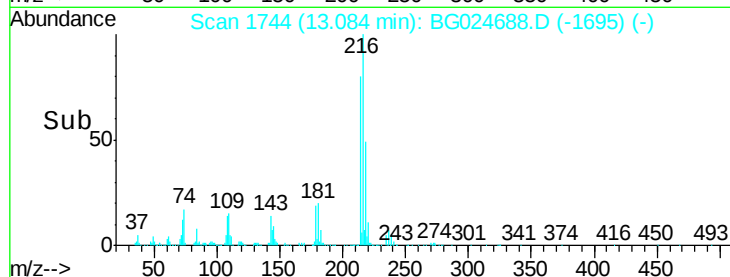
Tot Ion	Ratio	Resp	Lower	Upper
216	100	421251		
214	80.1	64.4	96.6	
179	20.5	17.4	26.0	
108	18.2	15.6	23.4	

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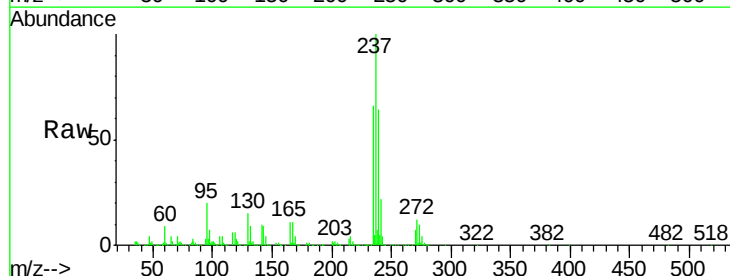


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

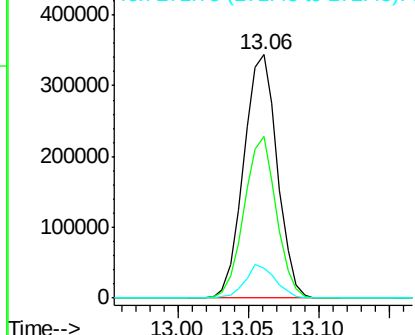
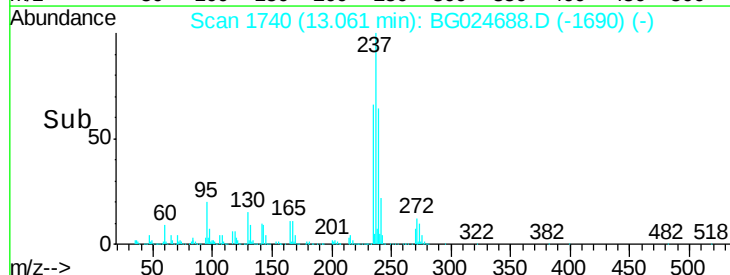


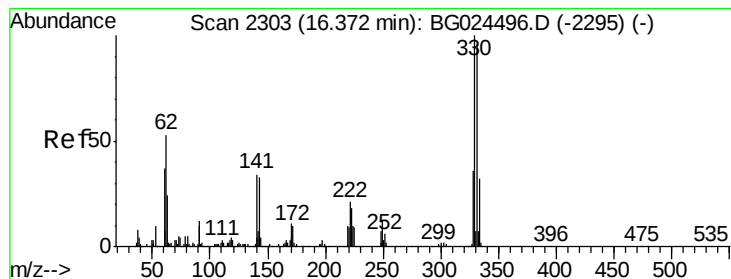
#40
Hexachlorocyclopentadiene
Concen: 90.63 ng
RT: 13.06 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	571210		
235	66.2	39.4	79.4	
272	12.3	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





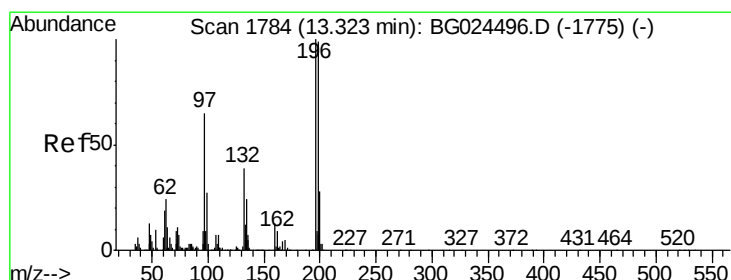
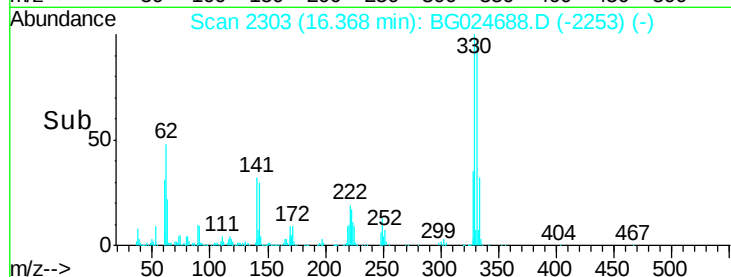
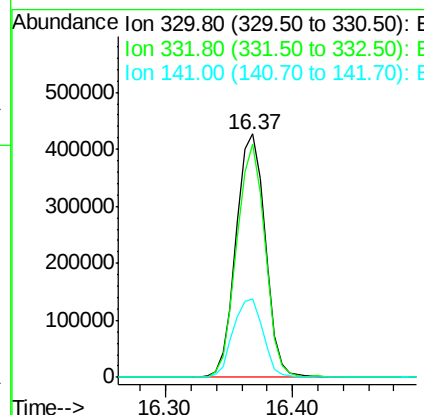
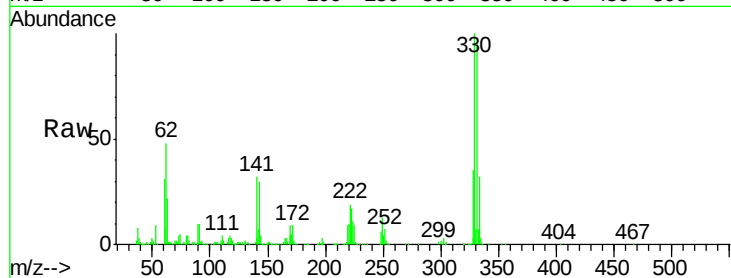
#41
 2,4,6-Tribromophenol
 Concen: 137.36 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Instrument :
 BNA_G
 ClientSampled :
 PB94545BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	680945		
332	93.1		77.3	115.9
141	32.9		32.1	48.1

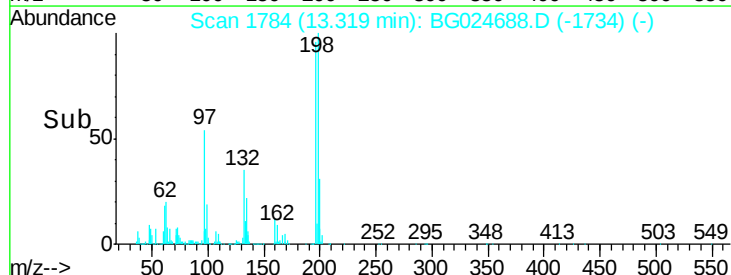
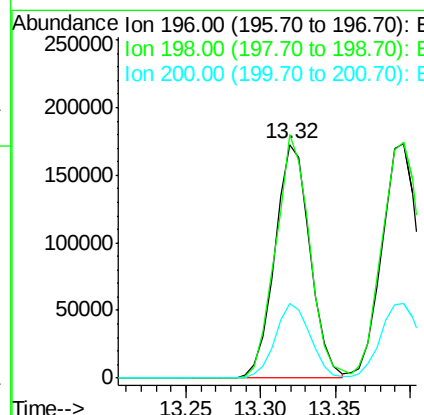
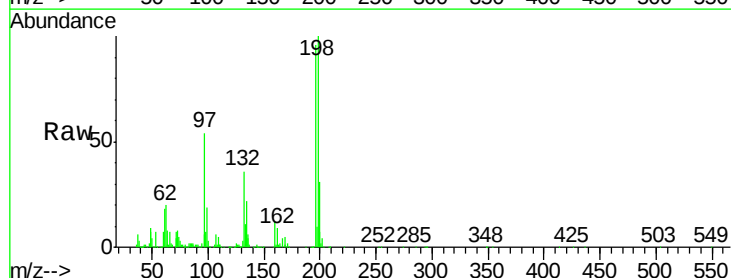
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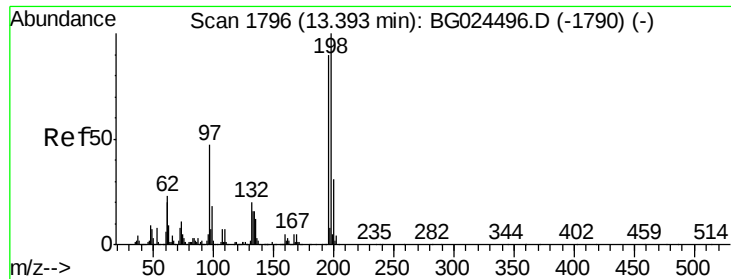
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#42
 2,4,6-Trichlorophenol
 Concen: 42.18 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	283742		
198	104.1		81.4	122.2
200	31.7		27.0	40.6





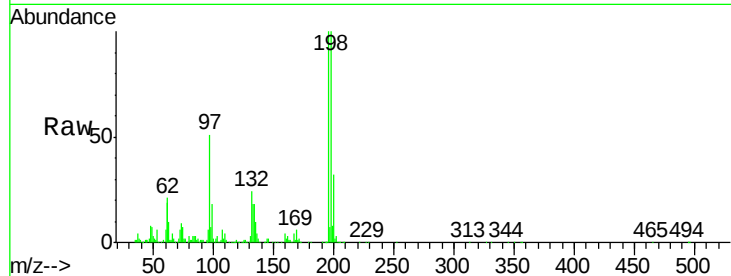
#43
 2,4,5-Trichlorophenol
 Concen: 40.76 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Instrument :
 BNA_G
 ClientSampled :
 PB94545BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	296454		
198	100.5	79.9	119.9	
97	51.0	45.4	68.0	
132	24.6	20.7	31.1	

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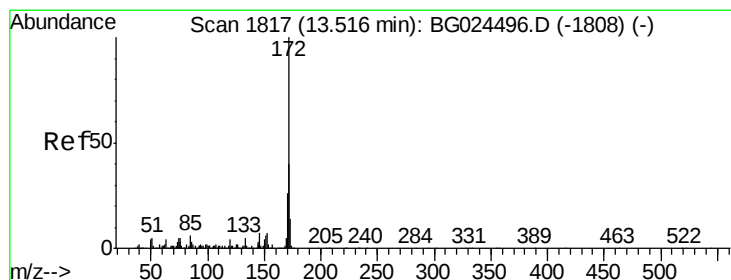
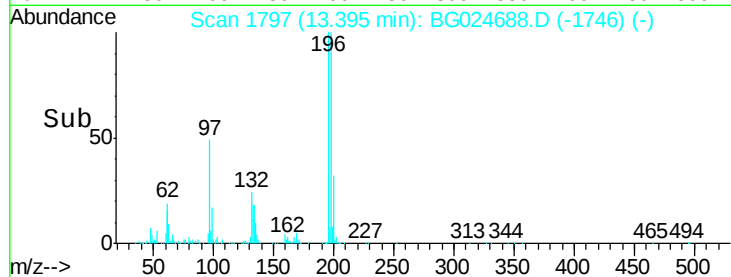
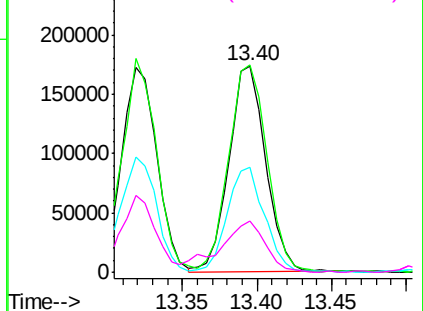
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

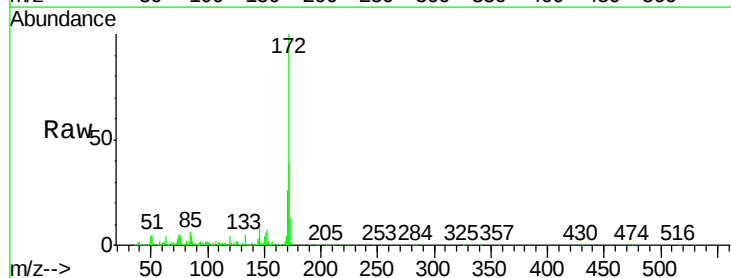
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.35 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1604130		
171	39.4	32.2	48.2	
170	26.3	21.8	32.6	

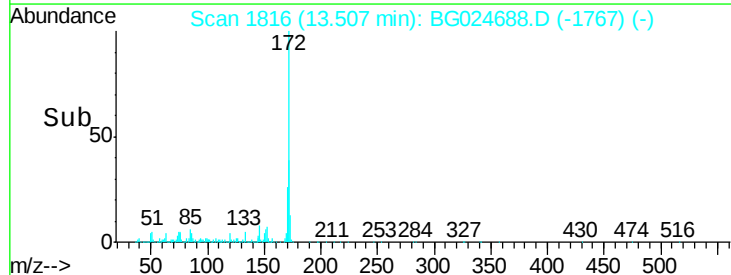
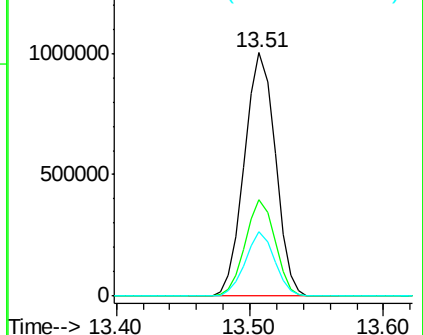


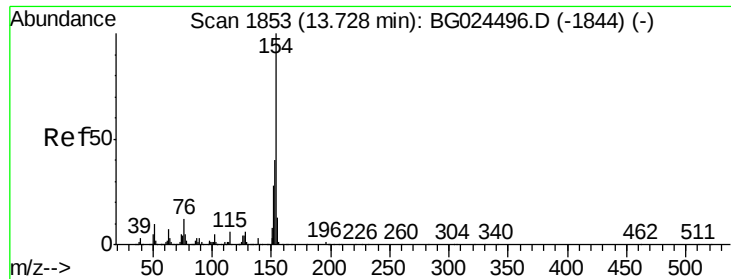
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





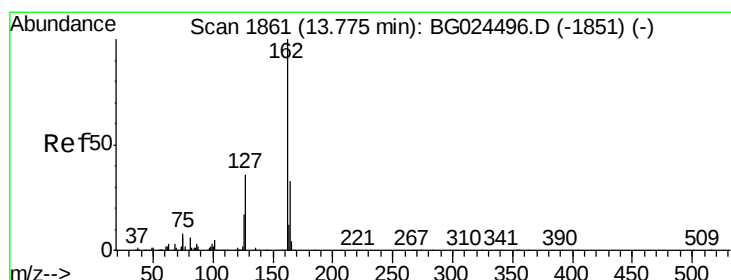
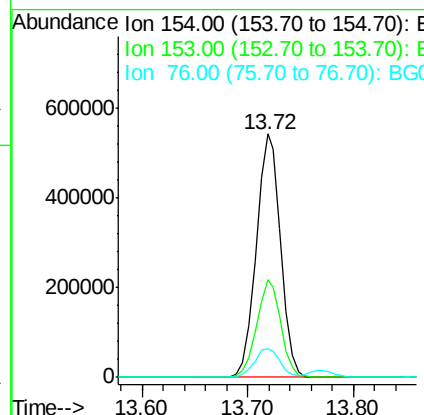
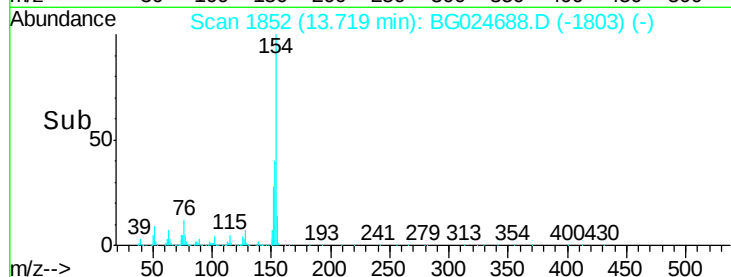
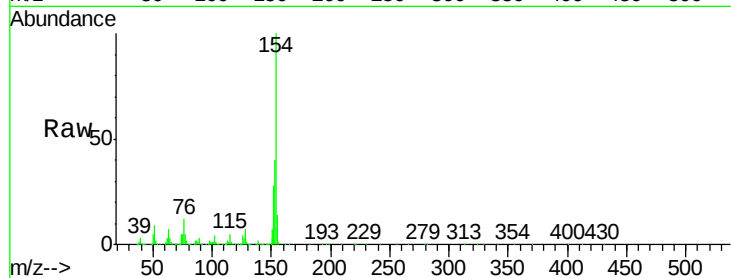
#45
1,1'-Biphenyl
Concen: 37.55 ng
RT: 13.72 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	23.0	63.0
76	11.8	0.0	33.5

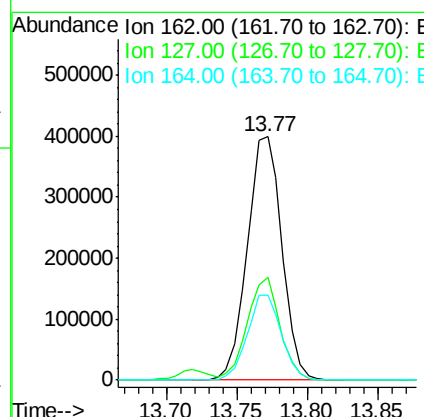
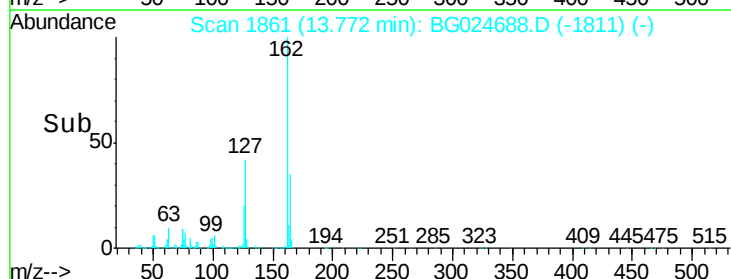
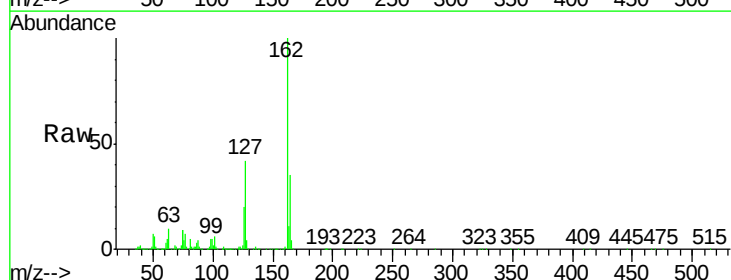
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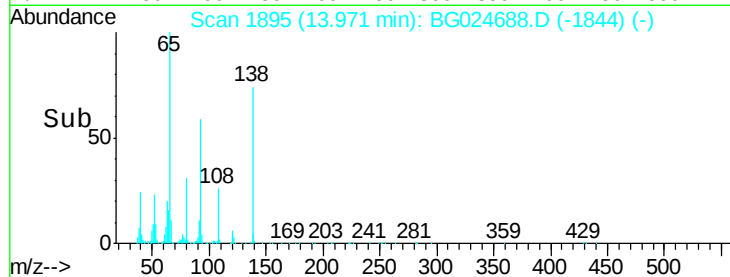
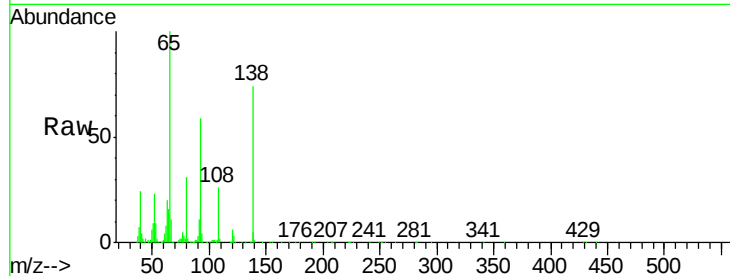
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#46
2-Chloronaphthalene
Concen: 39.05 ng
RT: 13.77 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.5	32.2	48.4
164	34.8	27.3	40.9





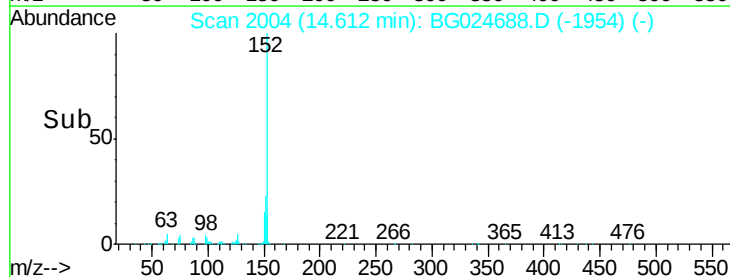
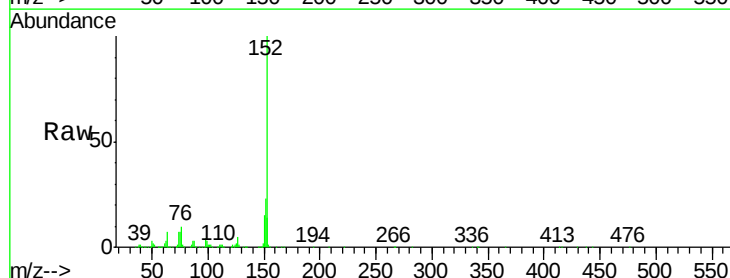
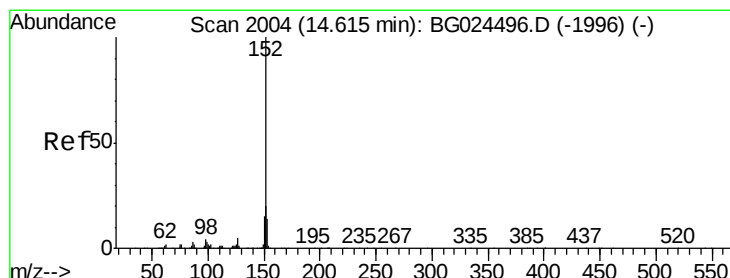
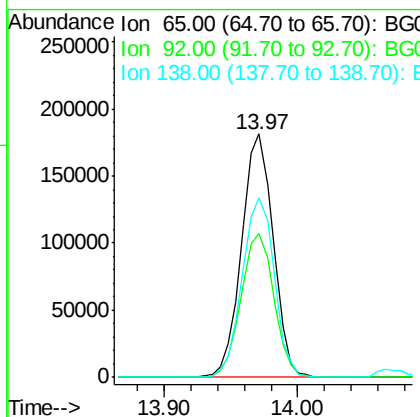
#47
2-Nitroaniline
Concen: 41.33 ng
RT: 13.97 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.1	49.0	73.4
138	74.0	58.6	87.8

Instrument :
BNA_G
ClientSampleId :
PB94545BS

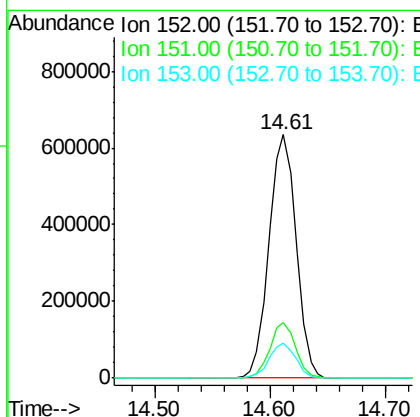
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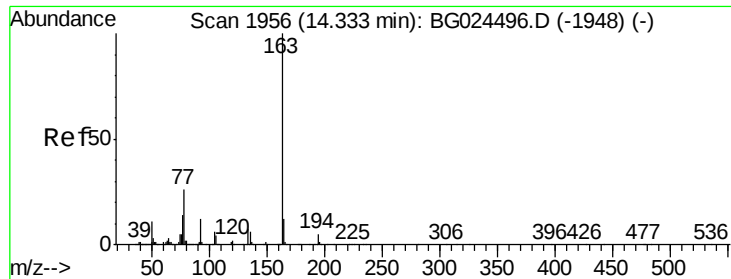
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#48
Acenaphthylene
Concen: 38.87 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.0	18.2	27.2
153	14.3	11.3	16.9





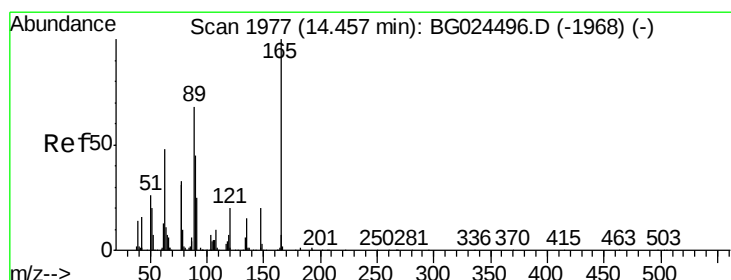
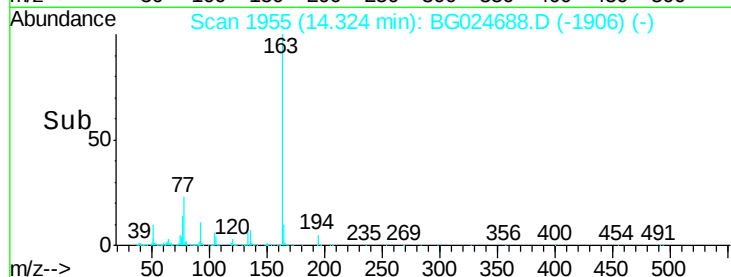
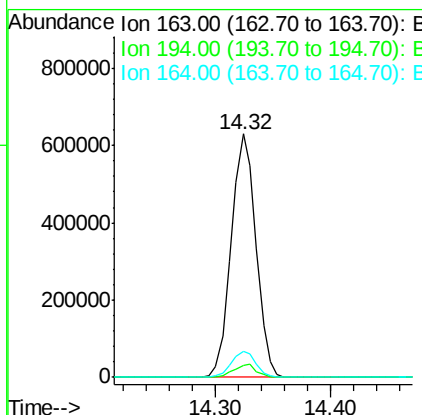
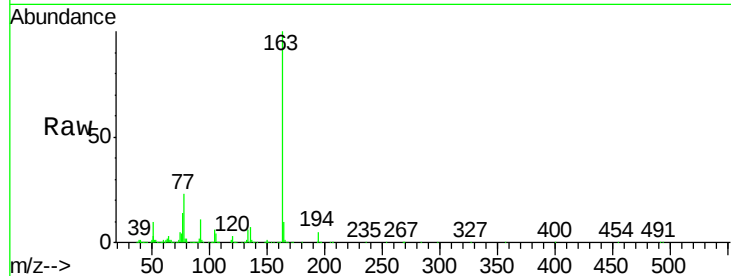
#49
Dimethylphthalate
Concen: 39.58 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	10.4	9.3	13.9

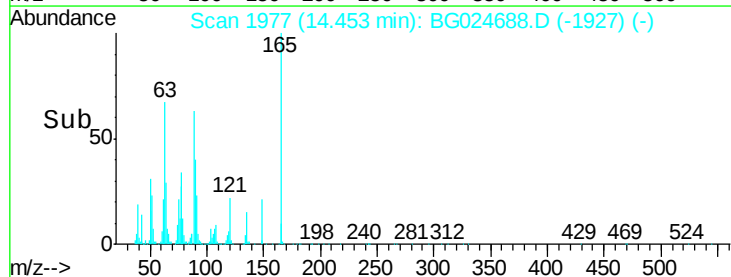
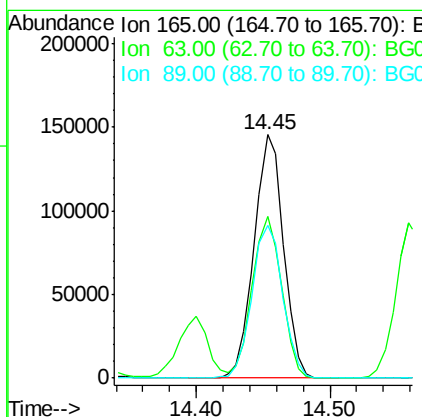
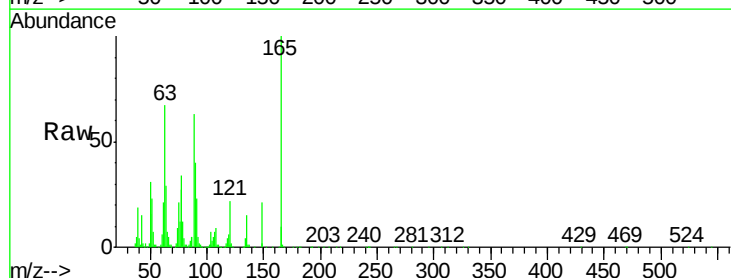
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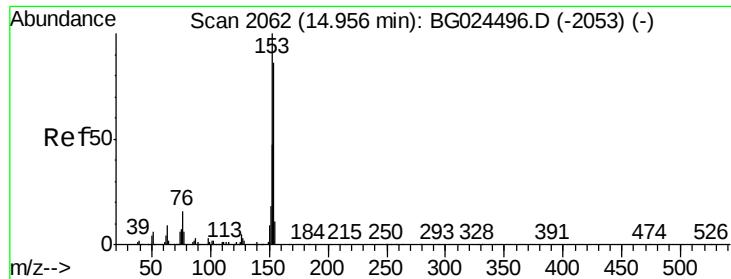
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#50
2,6-Dinitrotoluene
Concen: 43.89 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.6	63.9	95.9
89	62.7	58.6	88.0





#51

Acenaphthene

Concen: 34.29 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

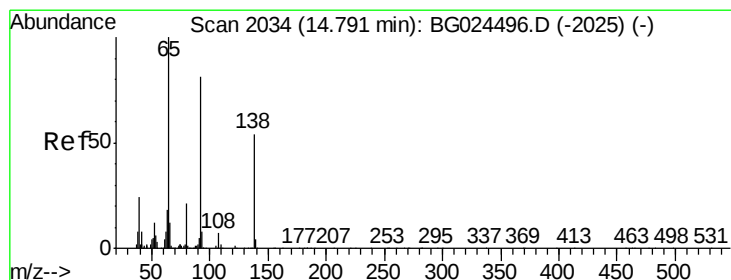
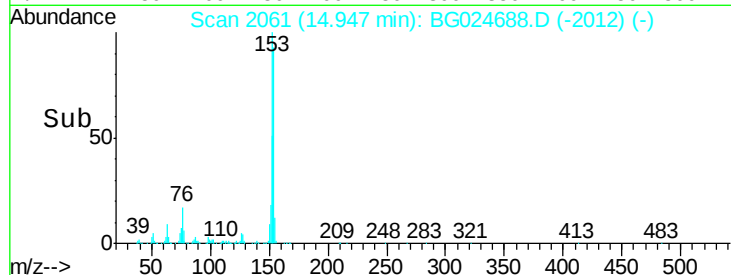
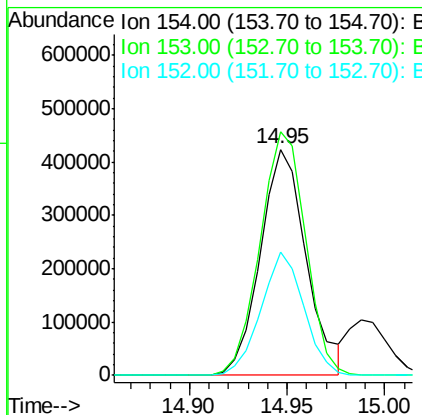
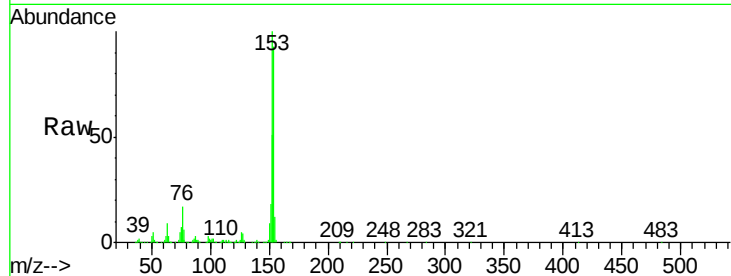
ClientSampleId :

PB94545BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	107.9	87.8	131.6
152	54.5	42.2	63.4

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#52

3-Nitroaniline

Concen: 19.73 ng

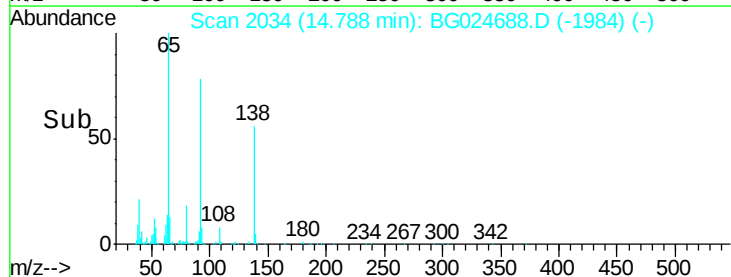
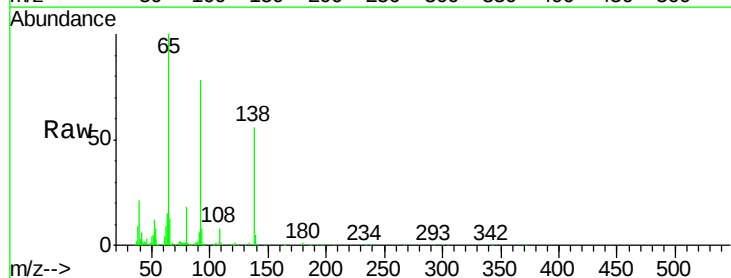
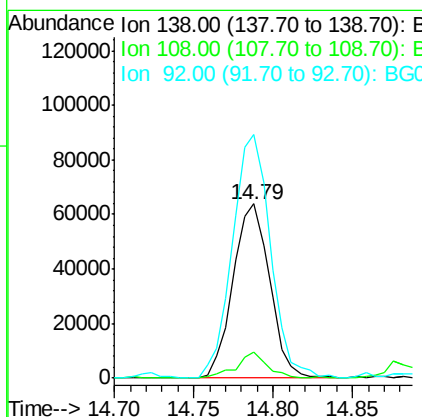
RT: 14.79 min Scan# 2034

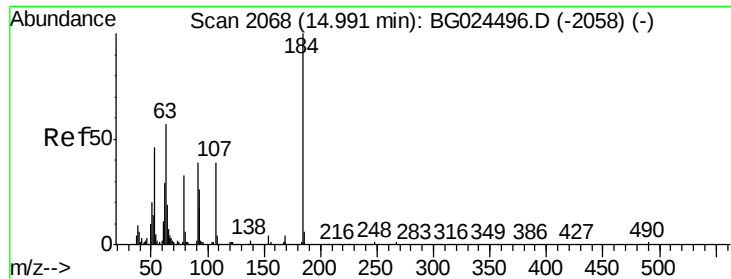
Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.6	10.9	16.3
92	139.6	115.3	172.9





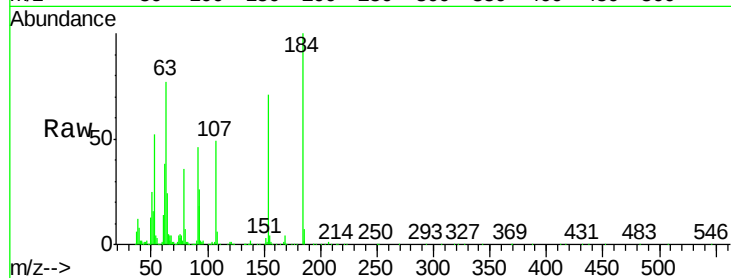
#53
2,4-Dinitrophenol
Concen: 65.16 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampled :
PB94545BS

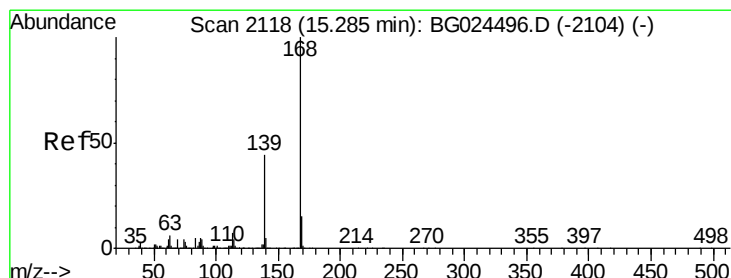
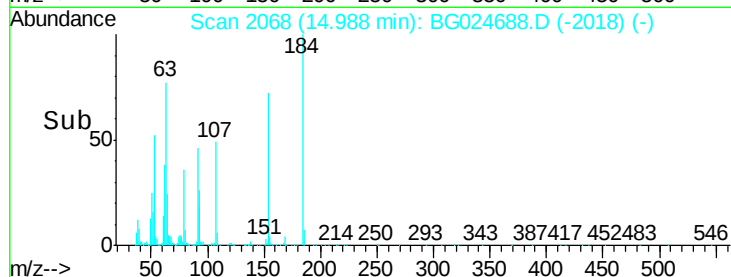
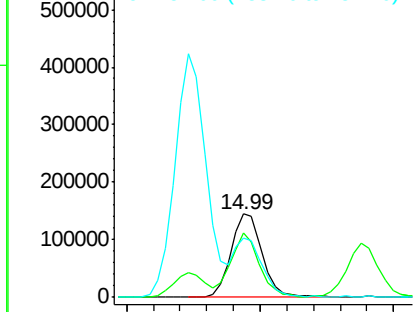
Tot Ion	Ratio	Lower	Upper
184	100		
63	76.9	52.7	79.1
154	71.4	57.3	85.9

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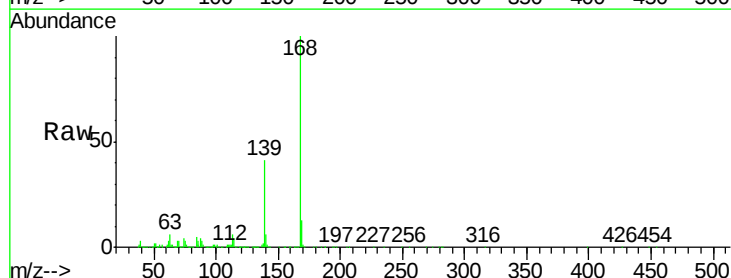


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

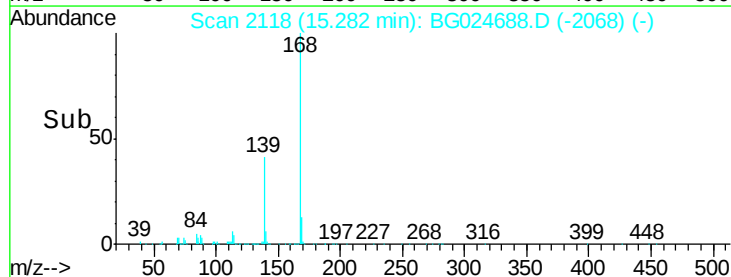
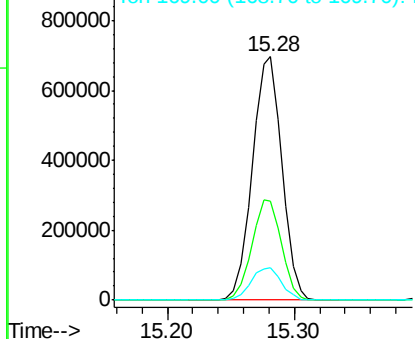


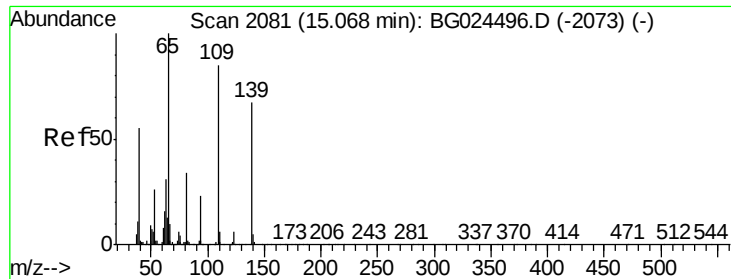
#54
Dibenzofuran
Concen: 40.79 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	35.3	52.9
169	13.1	11.5	17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





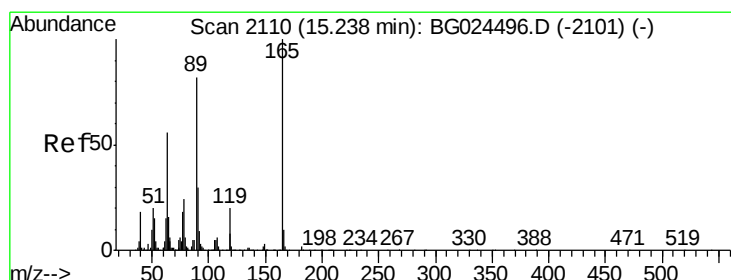
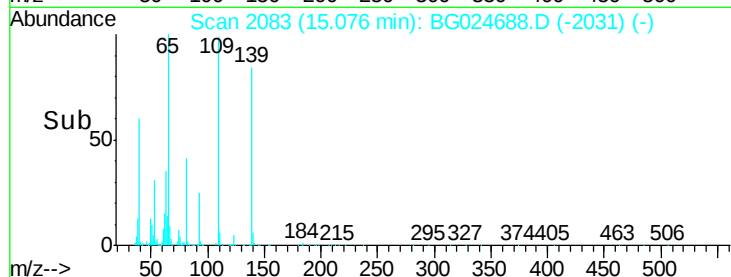
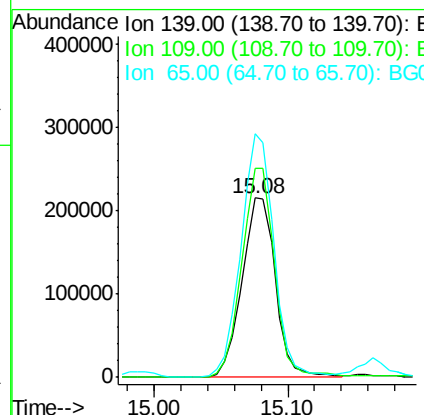
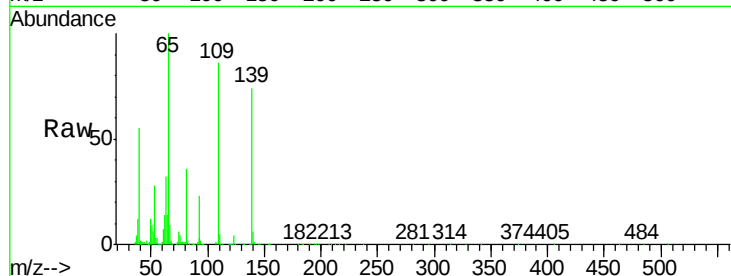
#55
4-Nitrophenol
Concen: 82.29 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	116.7	101.2	141.2	
65	135.6	135.3	175.3	

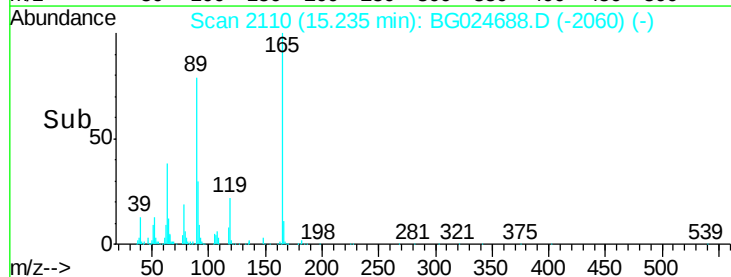
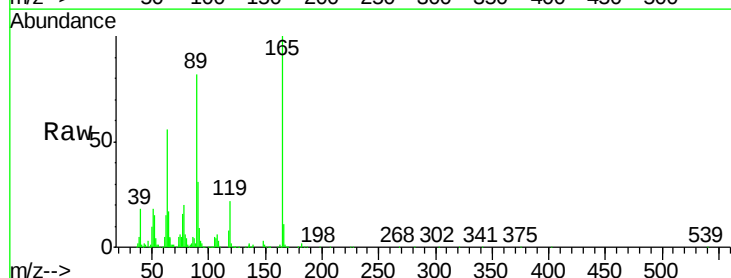
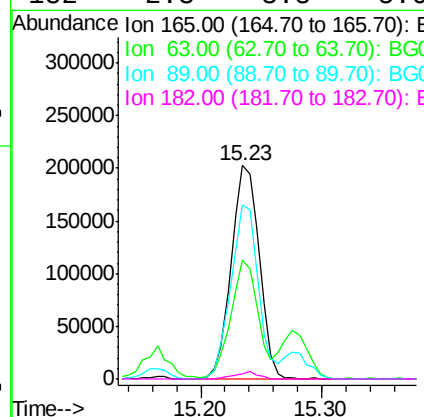
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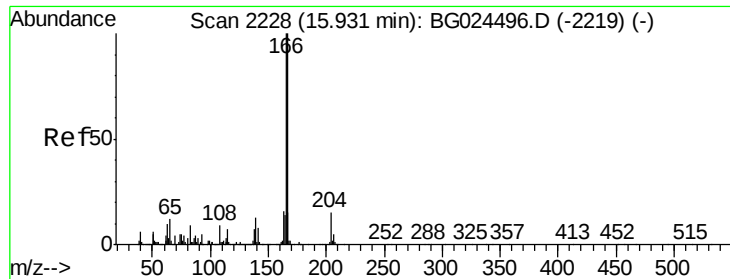
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#56
2,4-Dinitrotoluene
Concen: 44.80 ng
RT: 15.23 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.0	44.0	66.0	
89	81.6	67.3	100.9	
182	2.3	3.8	5.6	





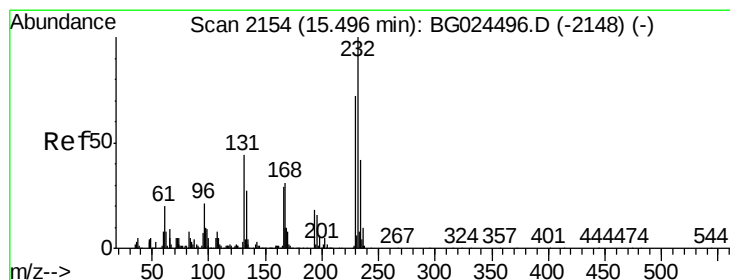
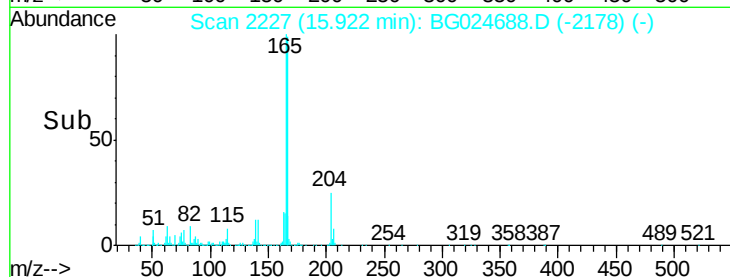
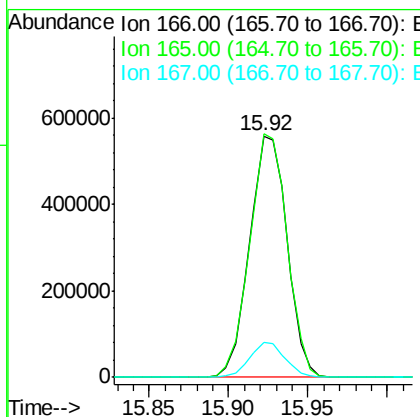
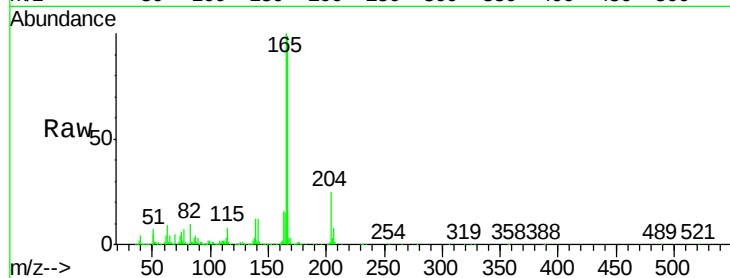
#57
 Fluorene
 Concen: 40.02 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB94545BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.6	117.8
167	14.7	11.6	17.4

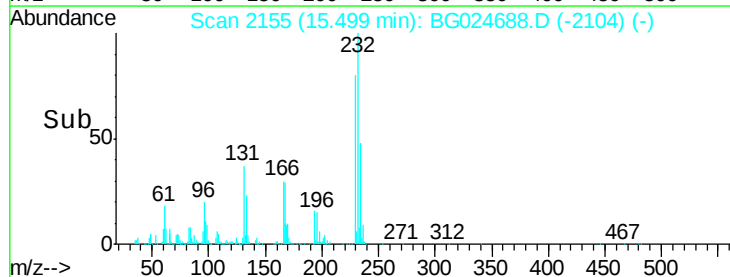
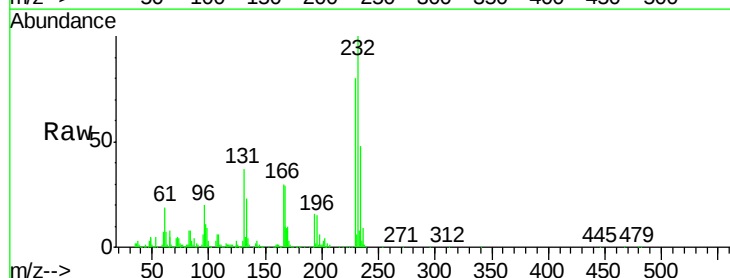
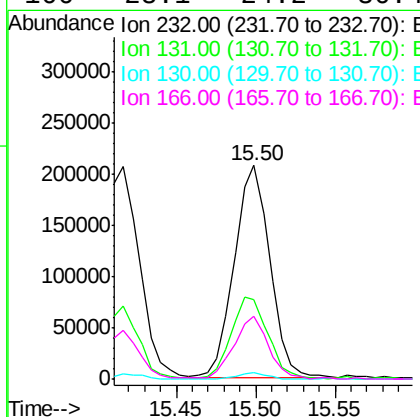
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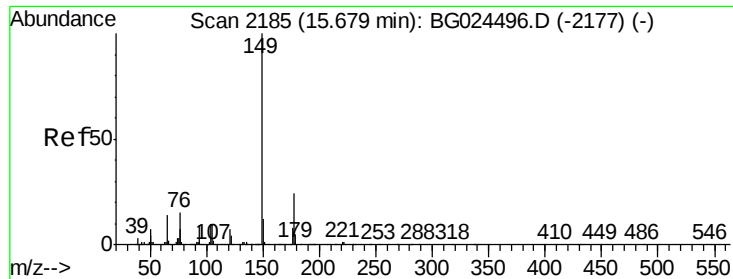
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.97 ng
 RT: 15.50 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.4	34.9	52.3
130	2.1	2.3	3.5#
166	28.1	24.2	36.4





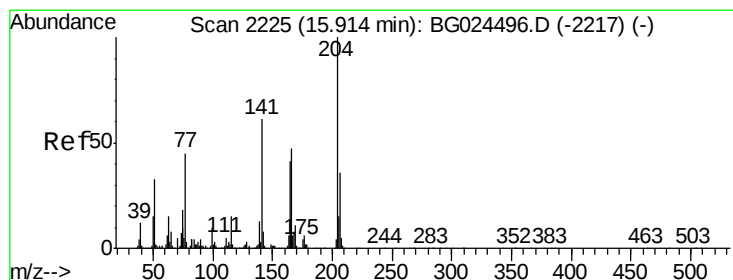
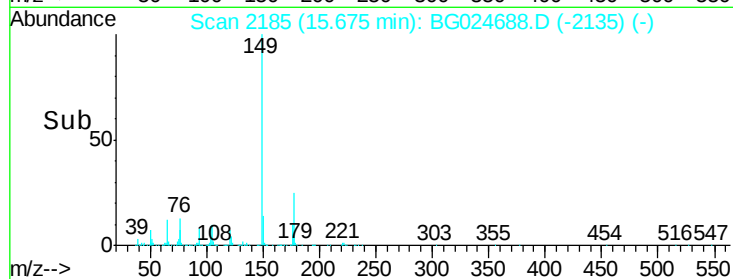
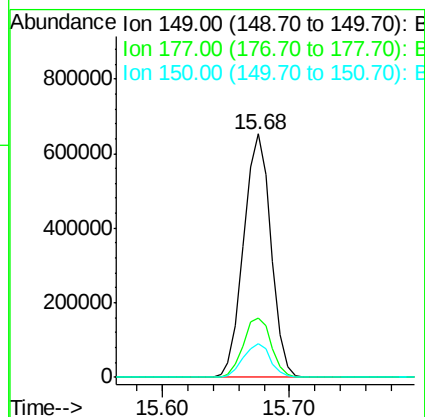
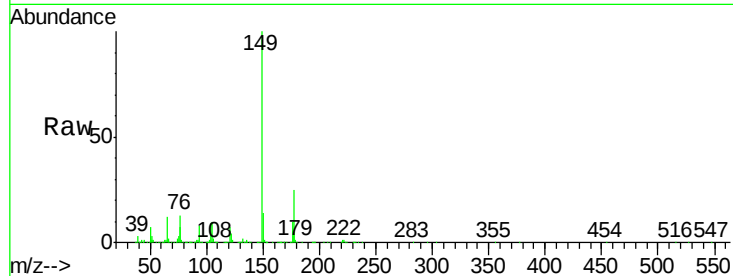
#59
Diethylphthalate
Concen: 39.36 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	20.1	30.1
150	13.7	10.2	15.2

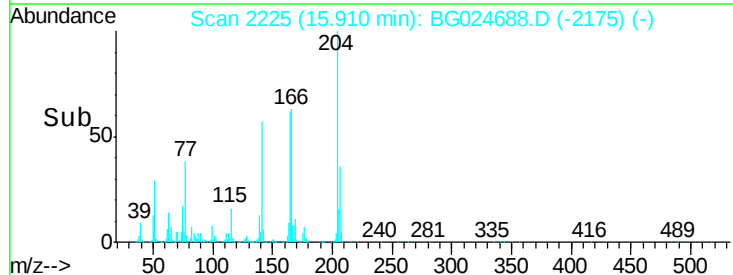
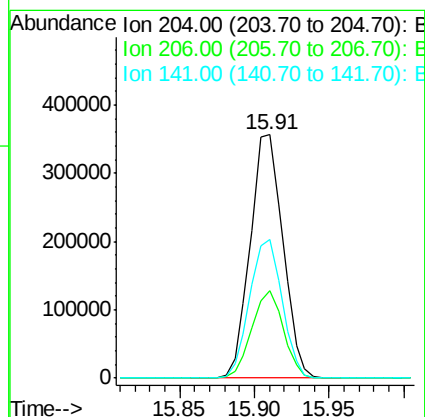
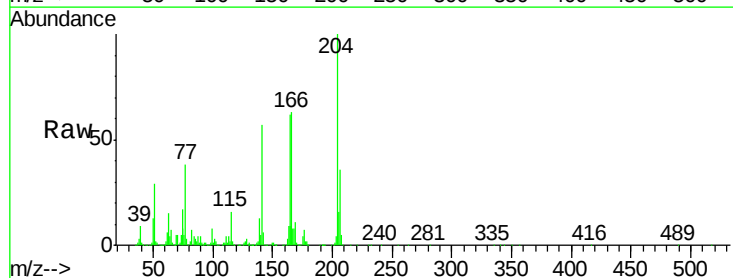
Manual Integrations
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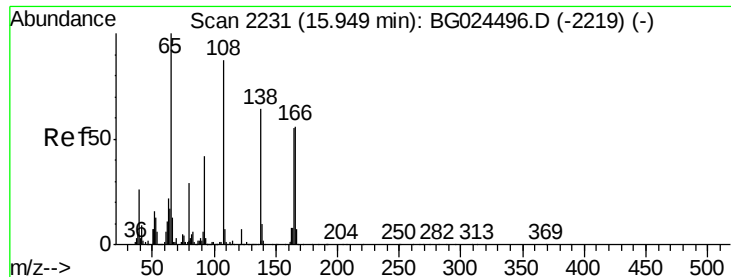
sohil
11/7/2016 4:36:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.73 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.7	30.1	45.1
141	57.0	50.6	76.0





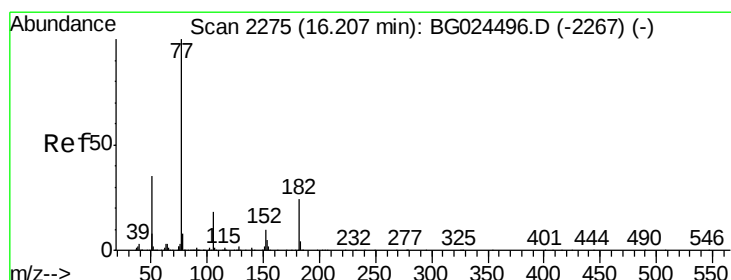
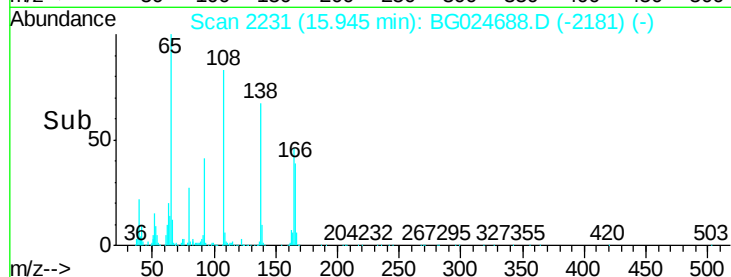
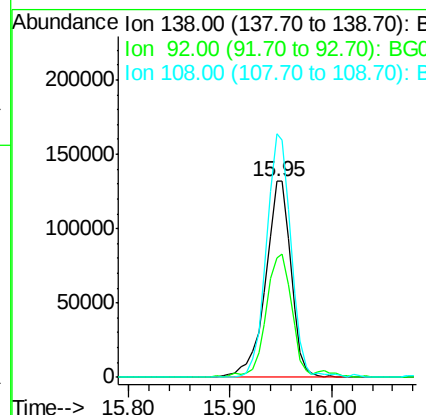
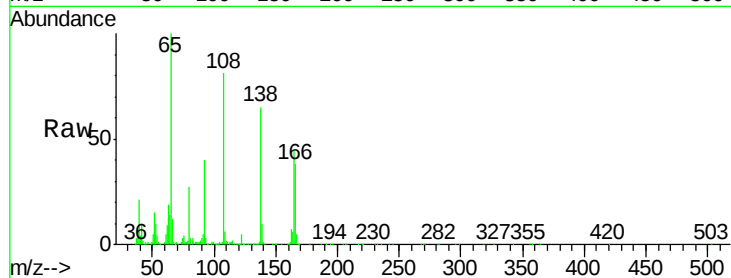
#61
4-Nitroaniline
Concen: 40.48 ng
RT: 15.95 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.1	44.2	84.2
108	124.1	104.8	144.8

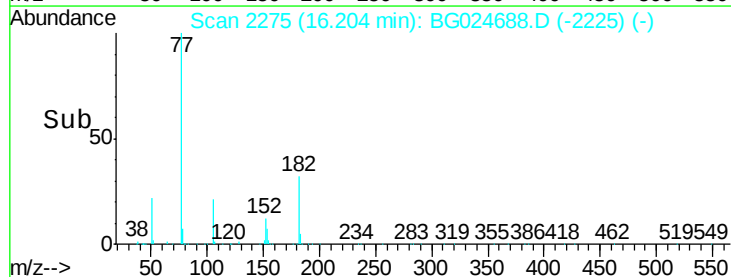
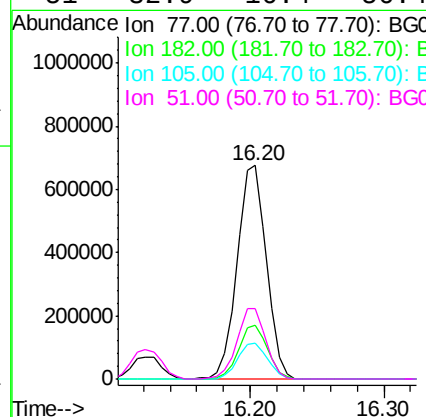
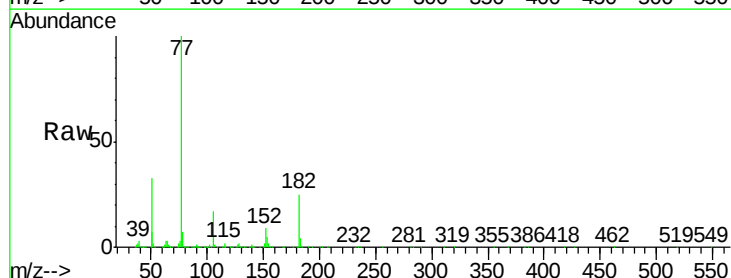
Manual Integrations
APPROVED

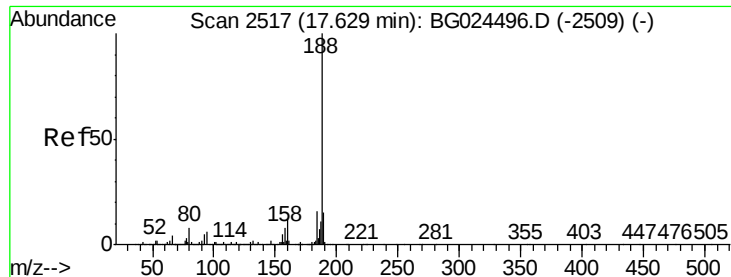
sohil
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#62
Azobenzene
Concen: 41.68 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.7	44.7
105	16.5	0.0	36.3
51	32.9	16.4	56.4





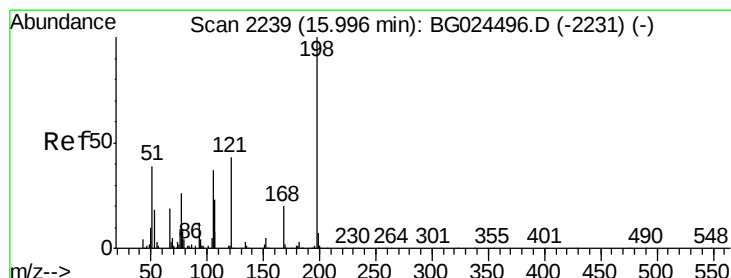
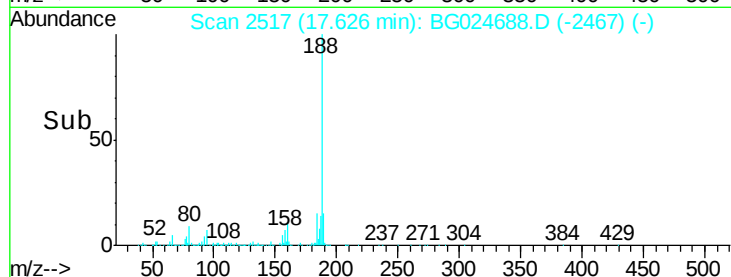
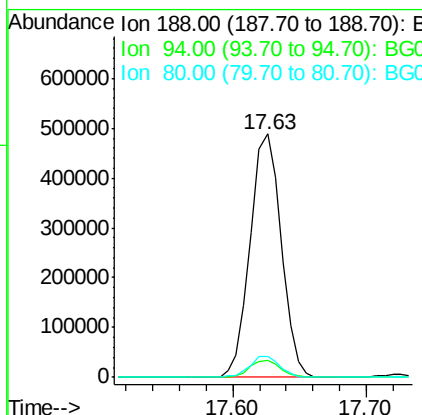
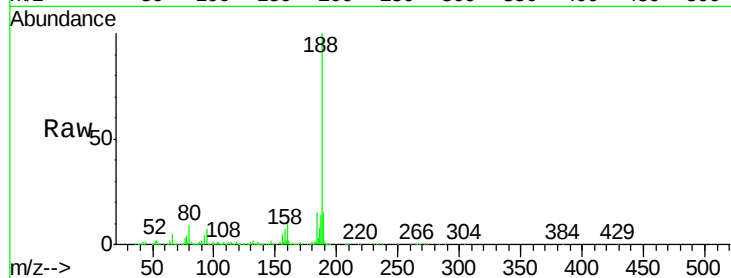
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		781494		
94	7.1	5.8	8.8		
80	8.6	7.5	11.3		

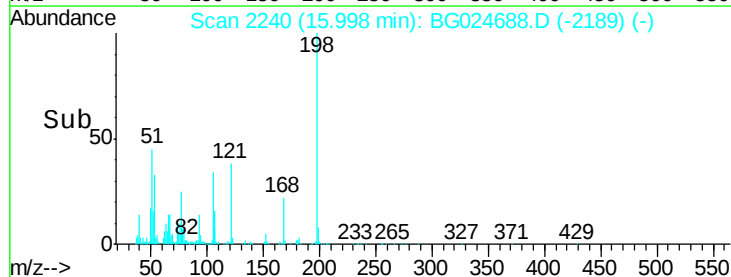
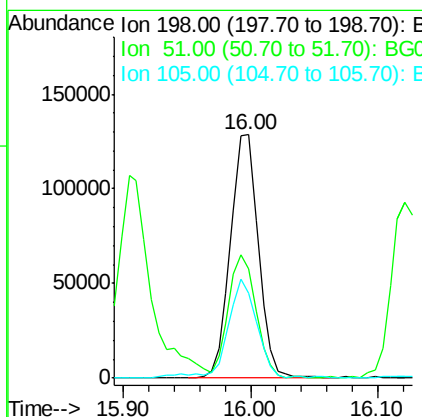
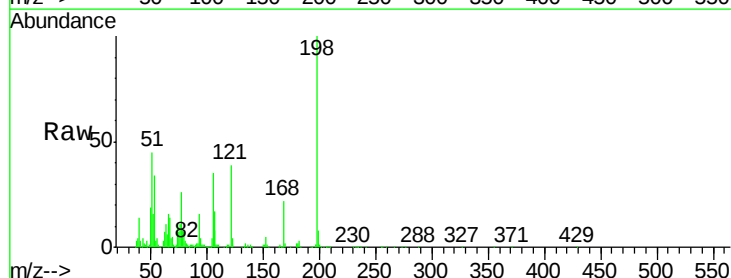
Manual Integrations
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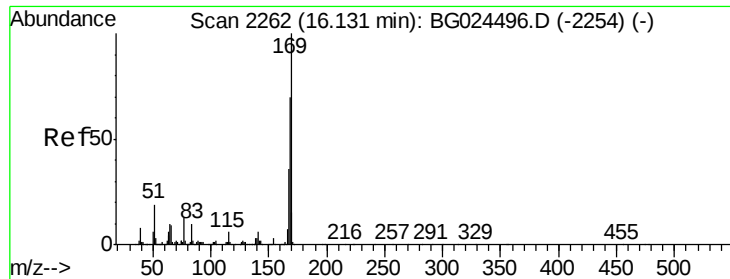
sohil
11/7/2016 4:36:42 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.49 ng
RT: 16.00 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
198	100		196450		
51	44.7	22.6	62.6		
105	34.8	14.4	54.4		





#65

n-Nitrosodiphenylamine

Concen: 40.79 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

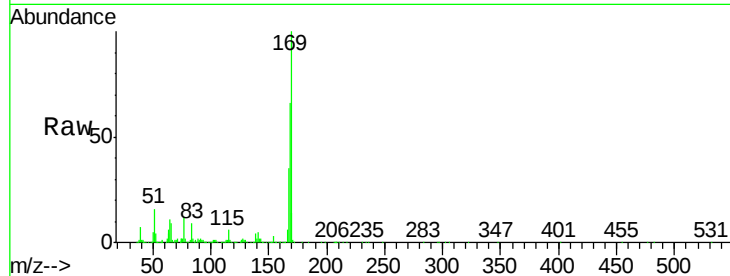
ClientSampleId :

PB94545BS

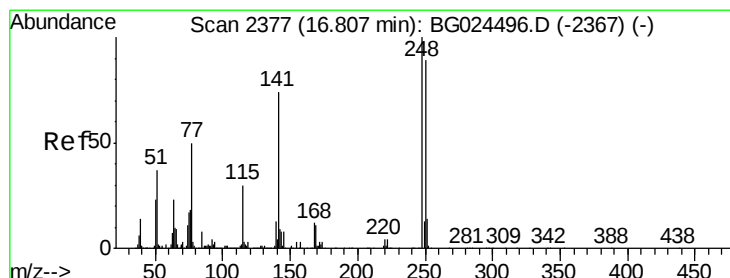
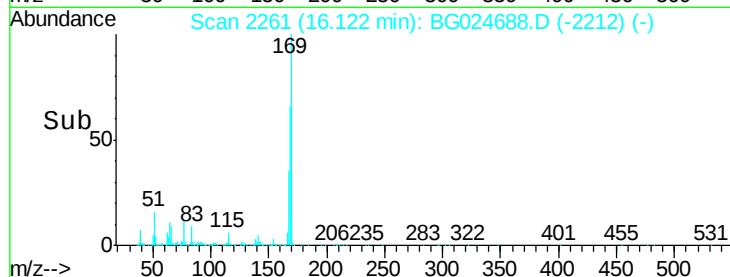
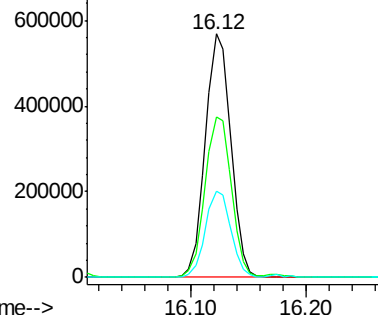
Tot Ion:	169	Resp:	871376
Ion Ratio	Lower	Upper	
169	100		
168	65.8	55.7	83.5
167	35.2	29.8	44.6

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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: 41.14 ng

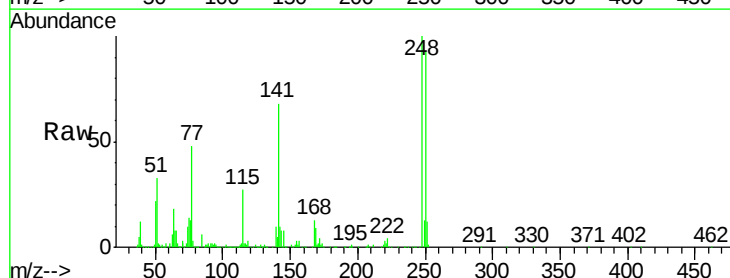
RT: 16.80 min Scan# 2377

Delta R.T. -0.00 min

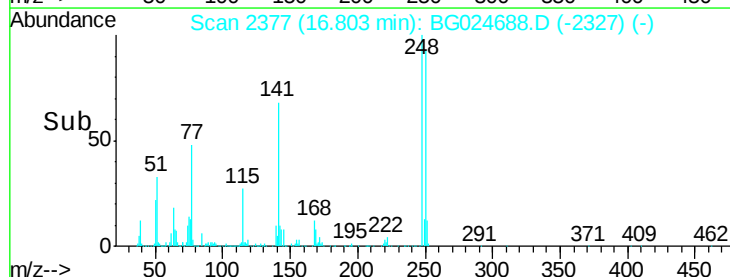
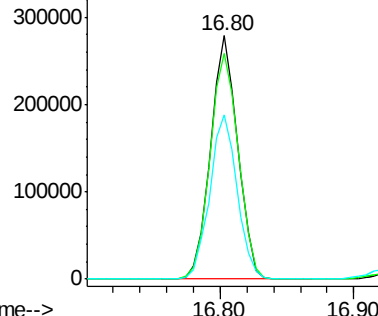
Lab File: BG024688.D

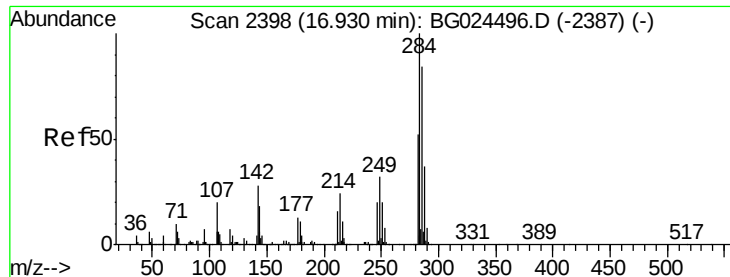
Acq: 4 Nov 2016 23:13

Tgt Ion:	248	Resp:	390255
Ion Ratio	Lower	Upper	
248	100		
250	92.7	75.0	112.6
141	67.7	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: 41.31 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

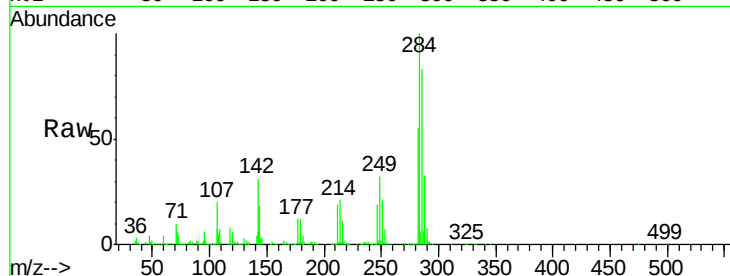
ClientSampleId :

PB94545BS

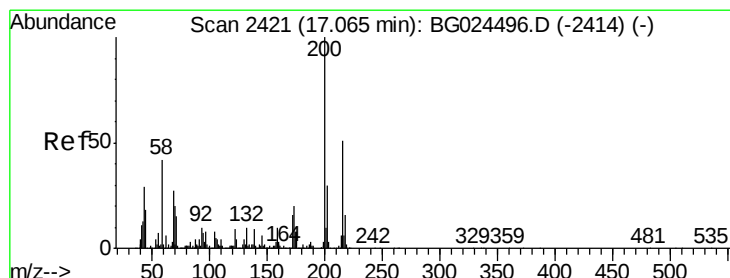
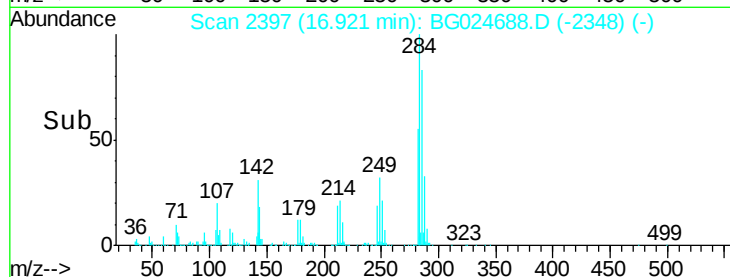
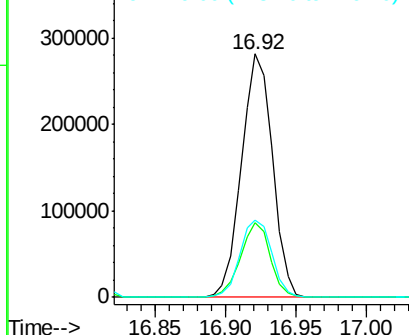
Tot Ion:	284	Resp:	433017
Ion Ratio		Lower	Upper
284	100		
142	30.6	29.9	44.9
249	31.7	29.2	43.8

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.87 ng

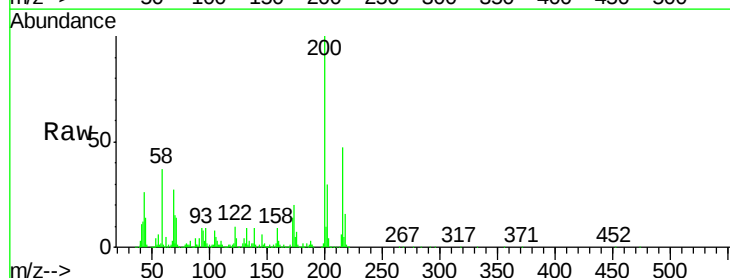
RT: 17.06 min Scan# 2421

Delta R.T. -0.00 min

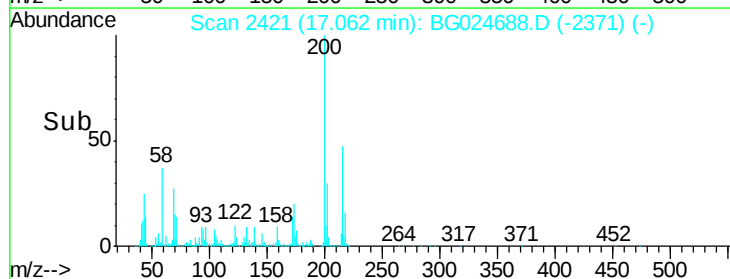
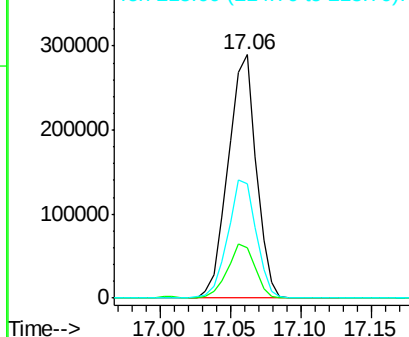
Lab File: BG024688.D

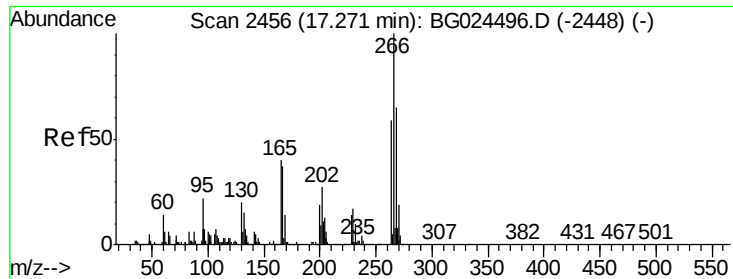
Acq: 4 Nov 2016 23:13

Tgt Ion:	200	Resp:	402069
Ion Ratio		Lower	Upper
200	100		
173	20.4	3.0	43.0
215	47.1	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





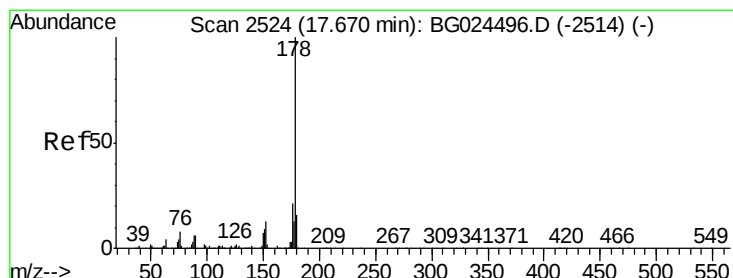
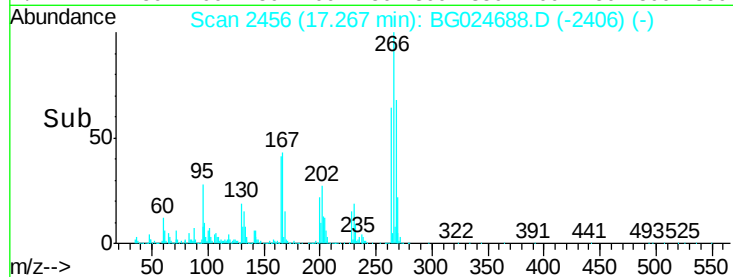
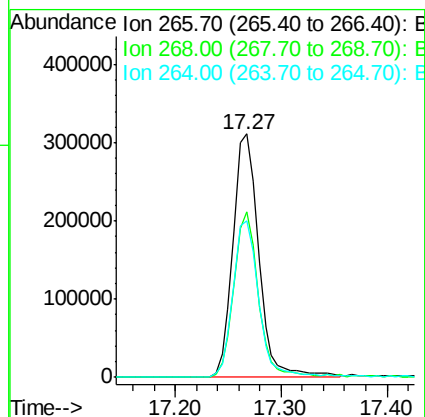
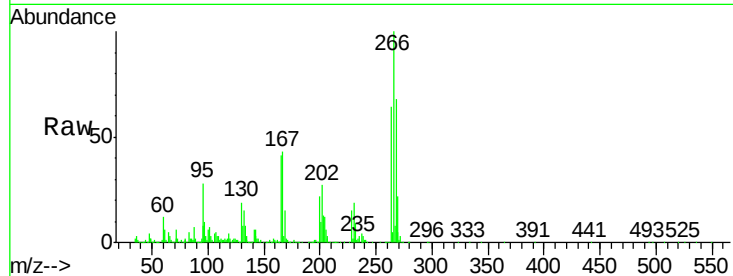
#69
 Pentachlorophenol
 Concen: 75.94 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB94545BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.8	48.6	72.8
264	64.3	50.1	75.1

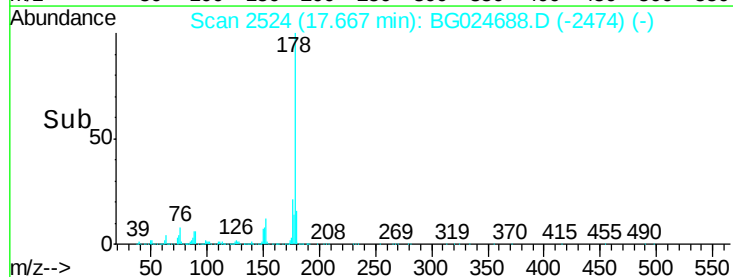
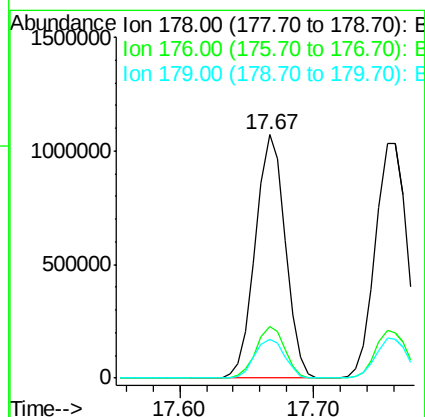
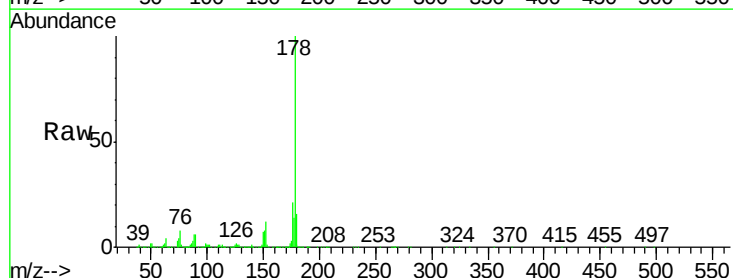
Manual Integrations
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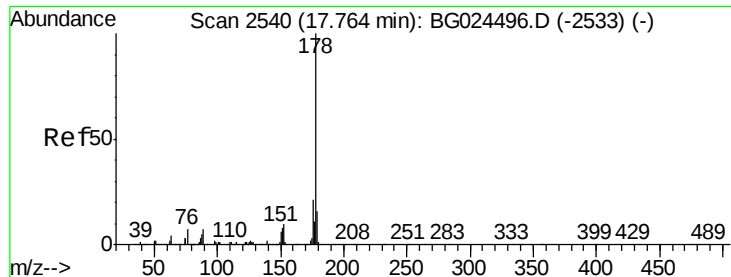
sohil
 11/7/2016 4:36:42 PM



#70
 Phenanthrene
 Concen: 41.45 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	16.2	15.0	22.6





#71

Anthracene

Concen: 42.23 ng

RT: 17.76 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

ClientSampled :

PB94545BS

Tot Ion:178 Resp: 1697047

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.4	24.6
179	16.7	13.8	20.8

178 100

176 19.4 16.4 24.6

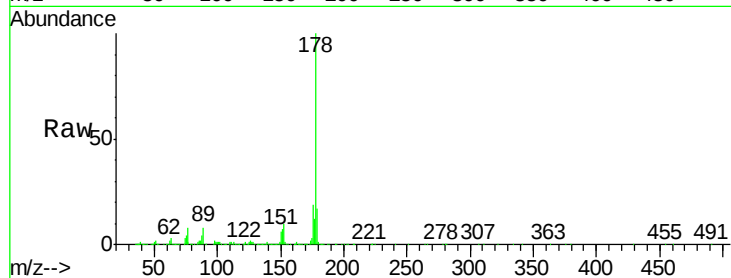
179 16.7 13.8 20.8

Manual Integrations

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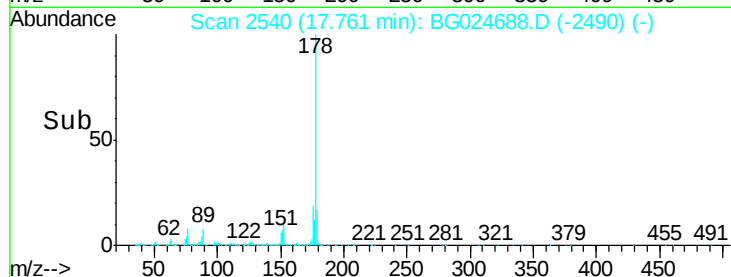
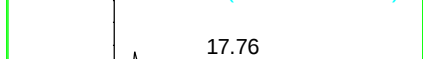
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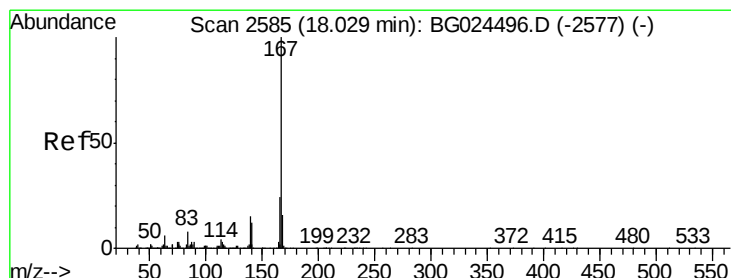
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 41.99 ng

RT: 18.03 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

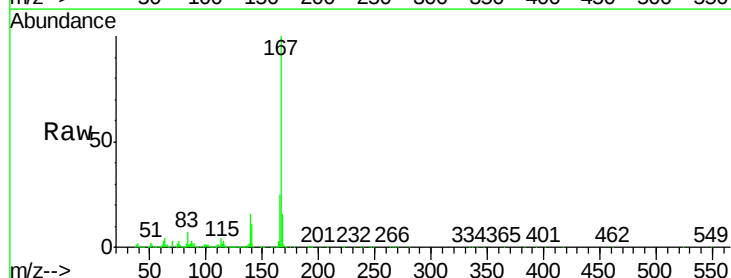
Tgt Ion:167 Resp: 1538786

Ion	Ratio	Lower	Upper
167	100		
166	25.0	20.2	30.2
139	15.5	12.8	19.2

167 100

166 25.0 20.2 30.2

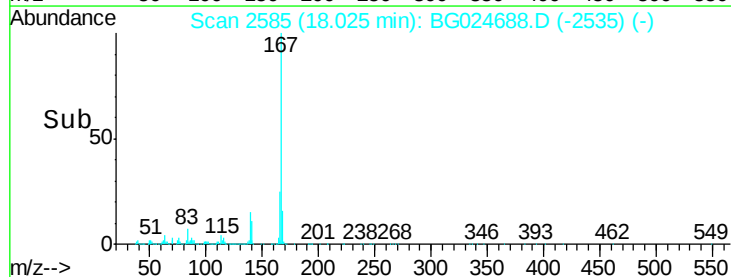
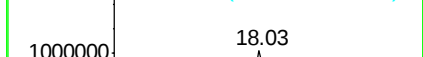
139 15.5 12.8 19.2



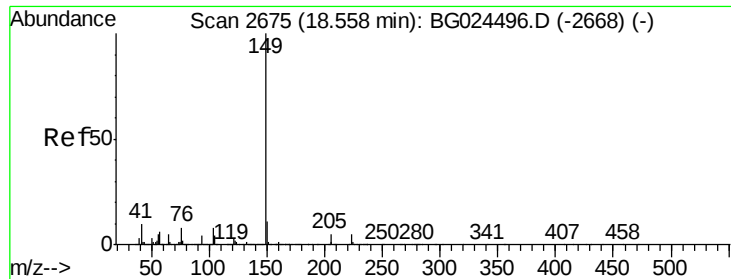
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



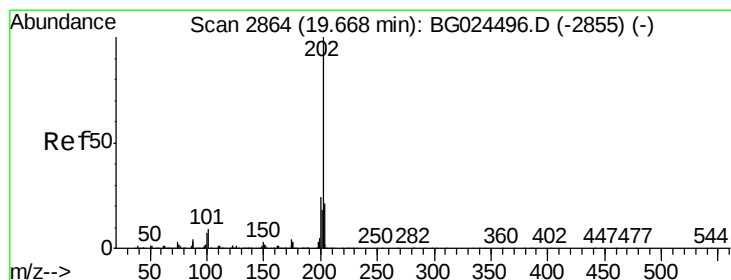
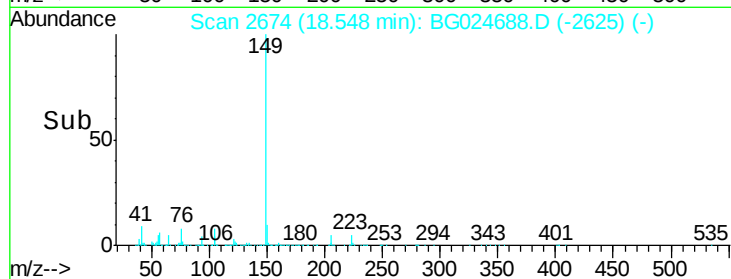
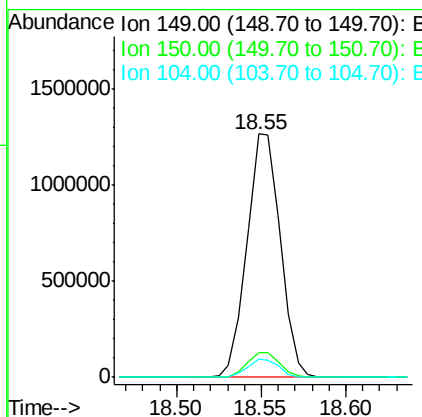
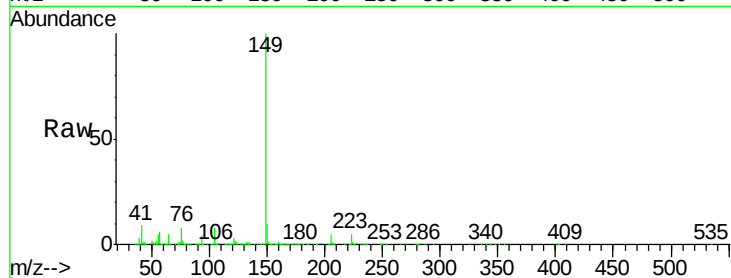
#73
Di-n-butylphthalate
Concen: 41.22 ng
RT: 18.55 min Scan# 2674
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	9.1	13.7
104	7.5	6.7	10.1

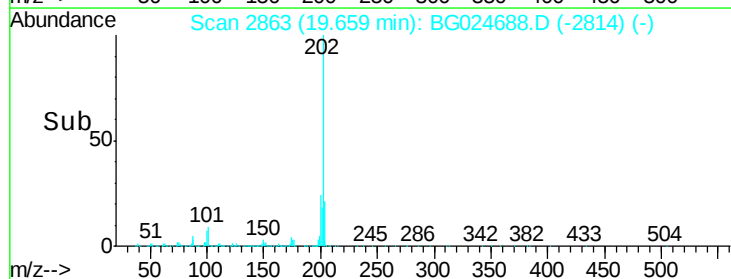
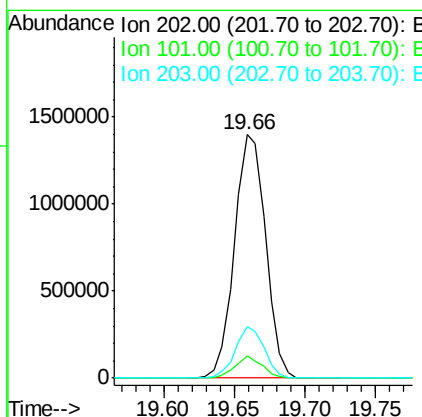
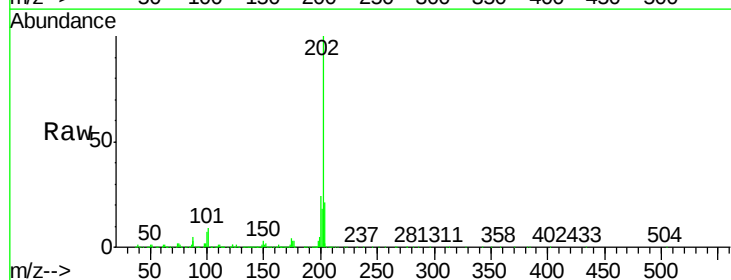
Manual Integrations
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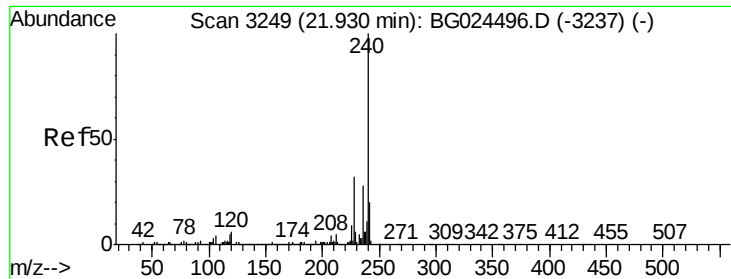
sohil
11/7/2016 4:36:42 PM



#74
Fluoranthene
Concen: 42.68 ng
RT: 19.66 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.1
203	21.2	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Instrument :

BNA_G

ClientSampleId :

PB94545BS

Tot Ion:240 Resp: 1052476

Ion Ratio Lower Upper

240 100

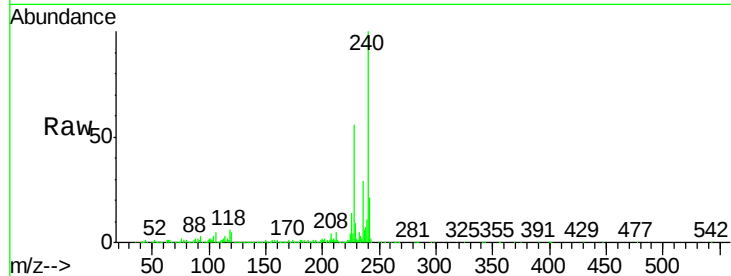
120 5.1 5.7 8.5#

236 28.5 22.2 33.4

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

800000

600000

400000

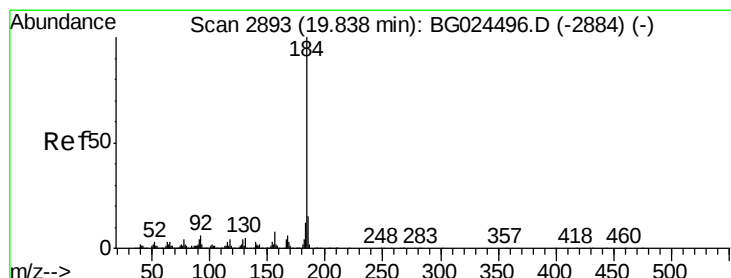
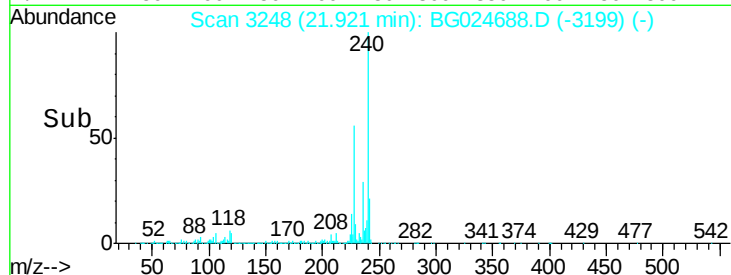
200000

0

21.80 21.90 22.00

21.92

Time-->



#76

Benzidine

Concen: 29.95 ng

RT: 19.84 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

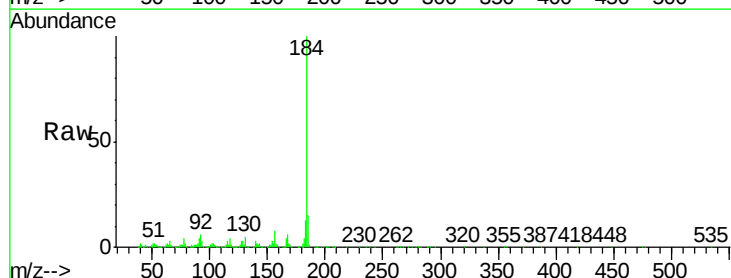
Tgt Ion:184 Resp: 742780

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

183 13.4 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

600000

400000

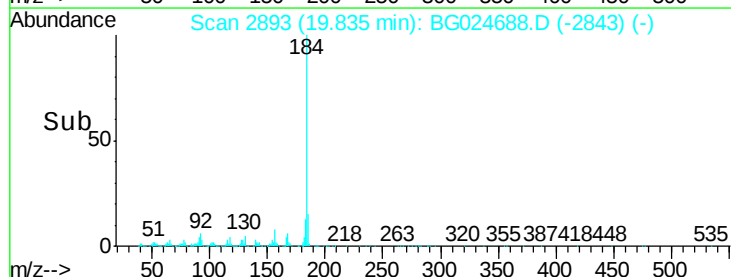
200000

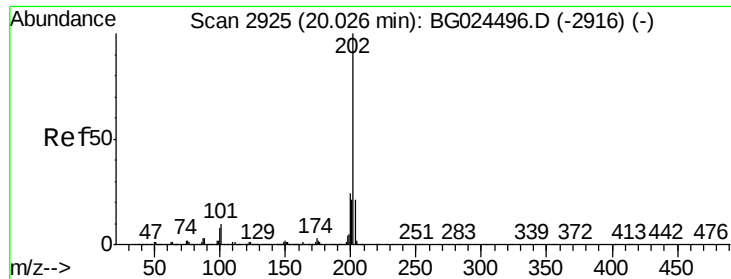
0

19.80 19.90

19.84

Time-->





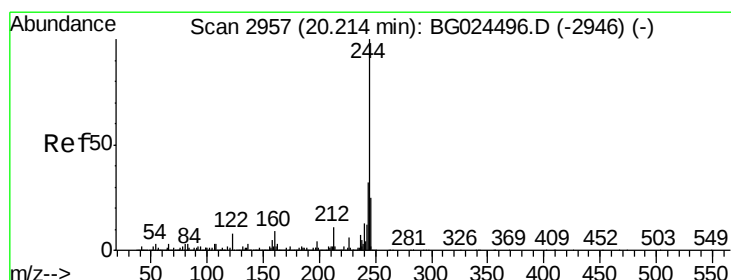
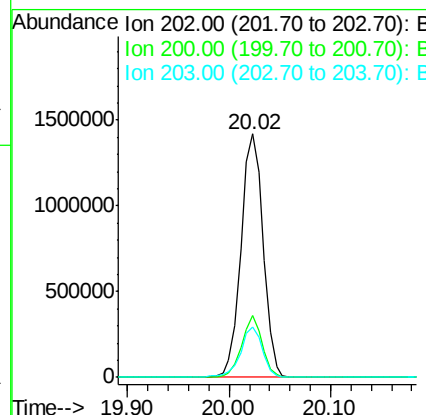
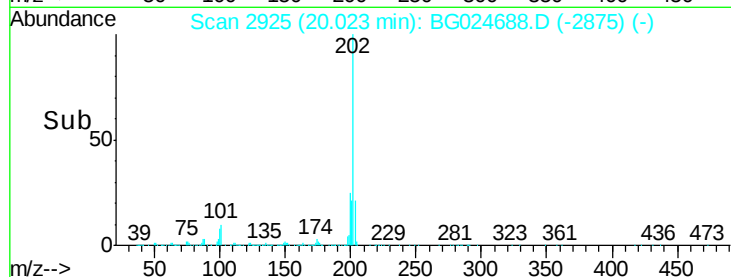
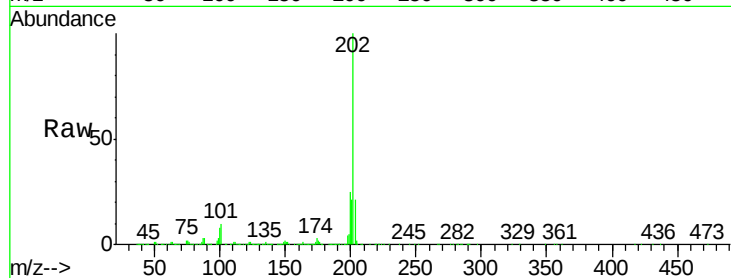
#77
Pvrene
Concen: 41.83 ng
RT: 20.02 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.2	19.6	29.4
203	20.9	15.8	23.8

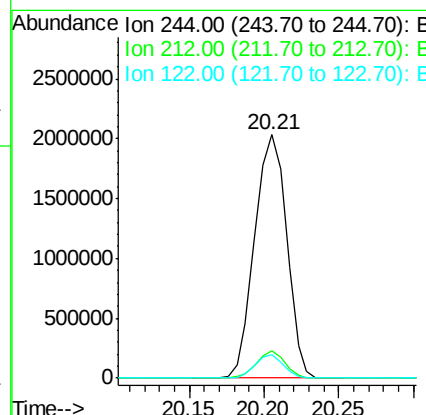
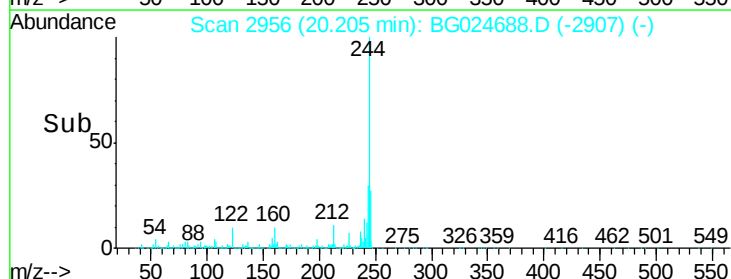
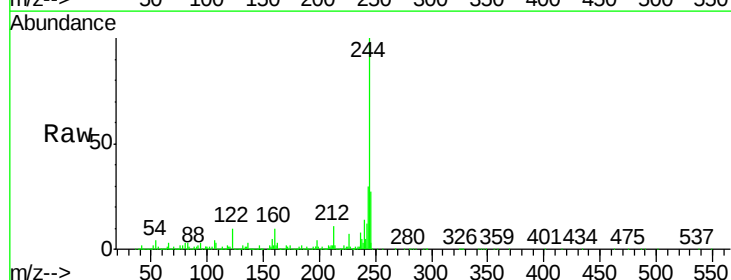
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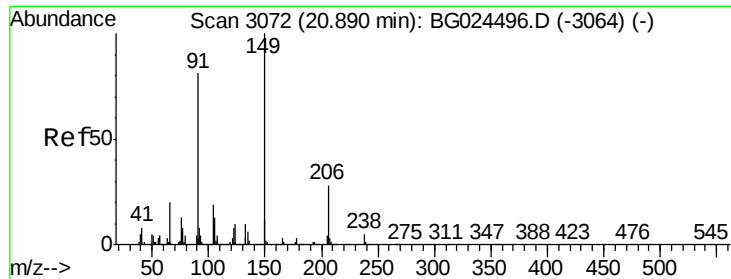
sohil
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#78
Terphenyl-d14
Concen: 85.43 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	9.6	8.6	12.8





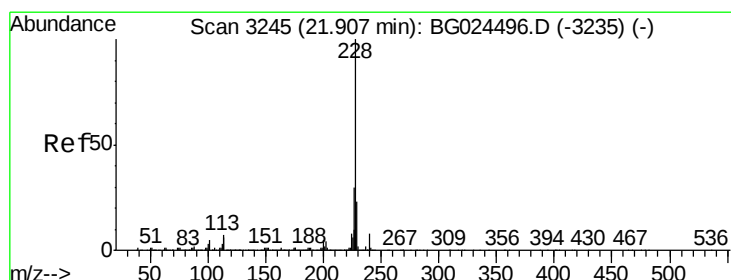
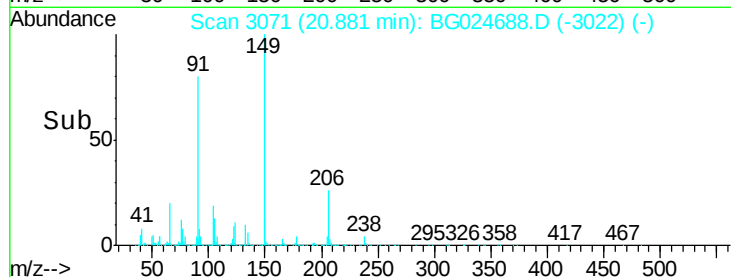
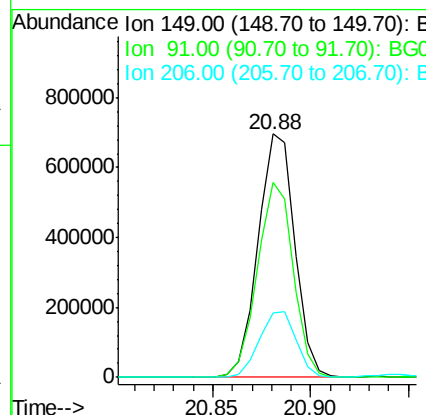
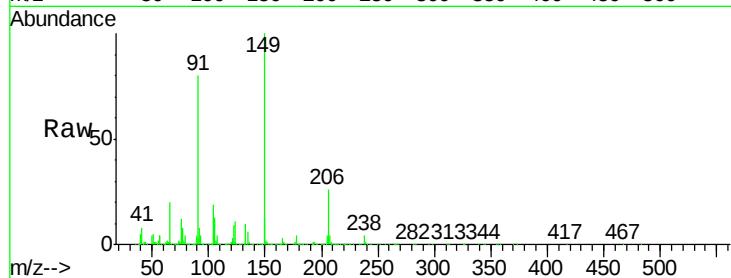
#79
Butylbenzylphthalate
Concen: 42.13 ng
RT: 20.88 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.1	63.5	95.3
206	26.3	21.0	31.6

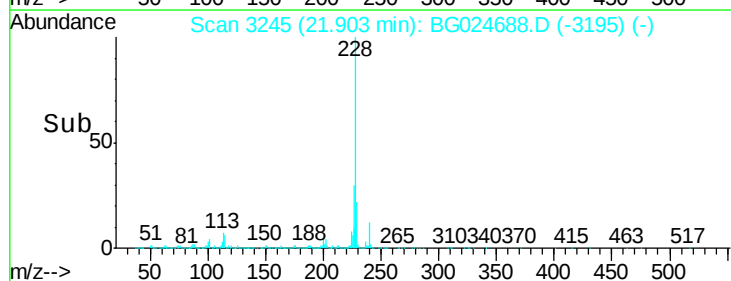
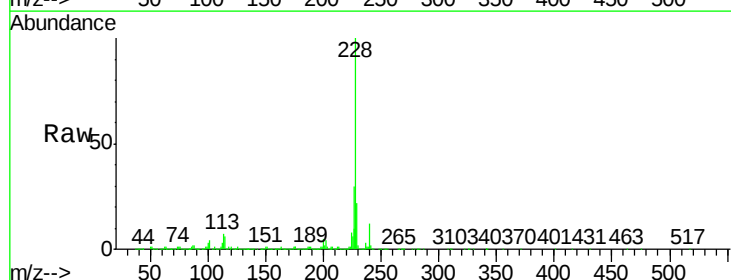
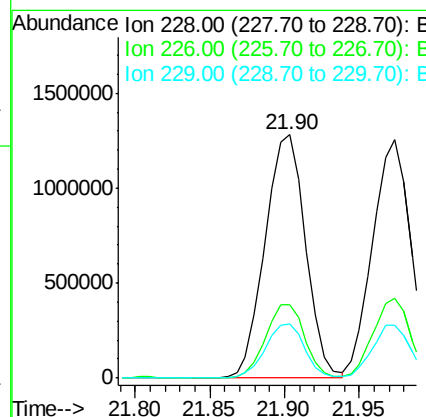
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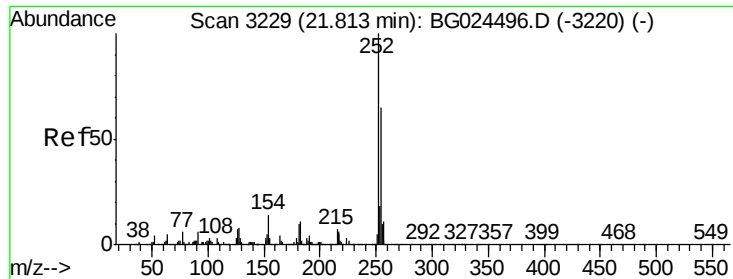
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#80
Benzo(a)anthracene
Concen: 41.73 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.1	18.2	27.2





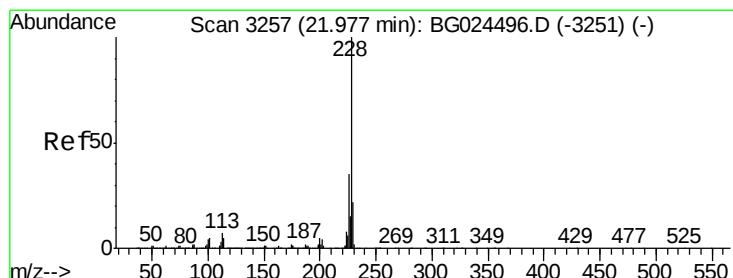
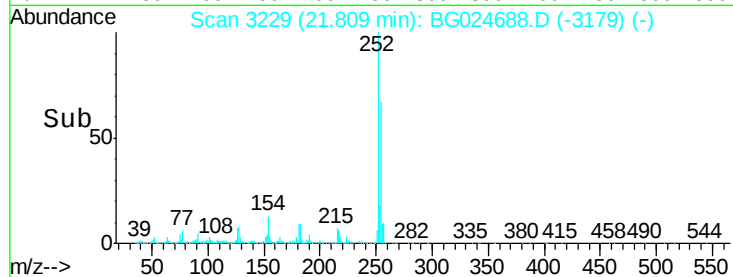
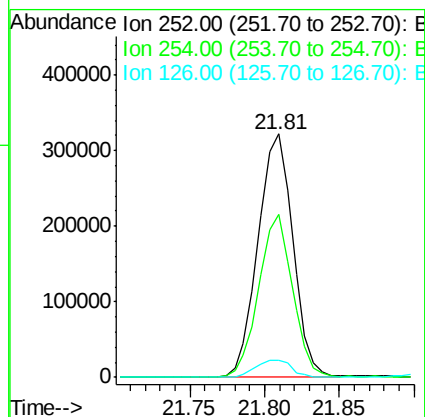
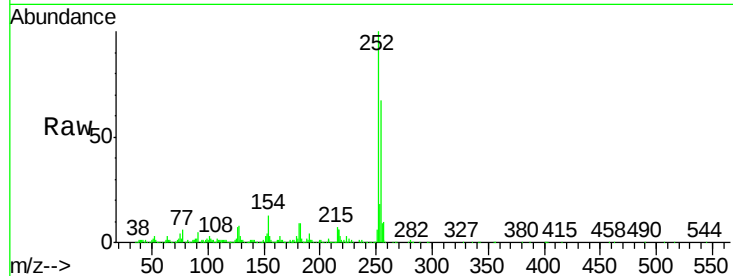
#81
 3,3'-Dichlorobenzidine
 Concen: 22.34 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB94545BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.0	53.1	79.7
126	7.0	7.0	10.4

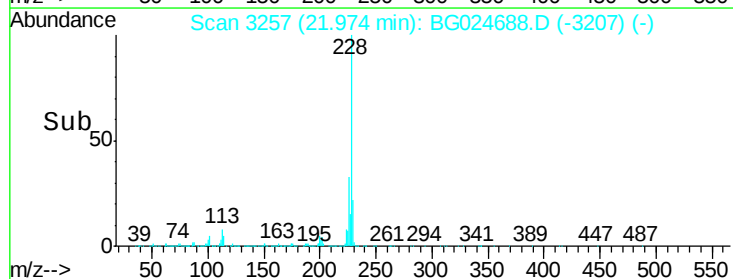
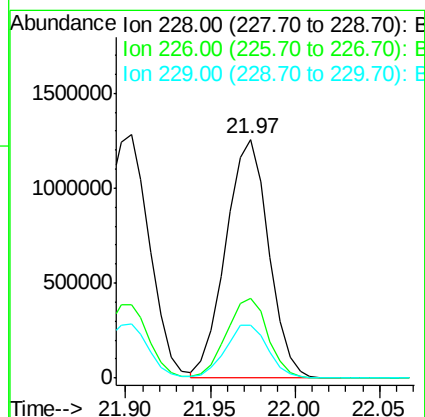
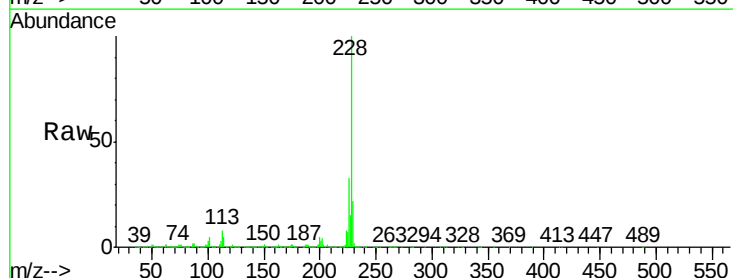
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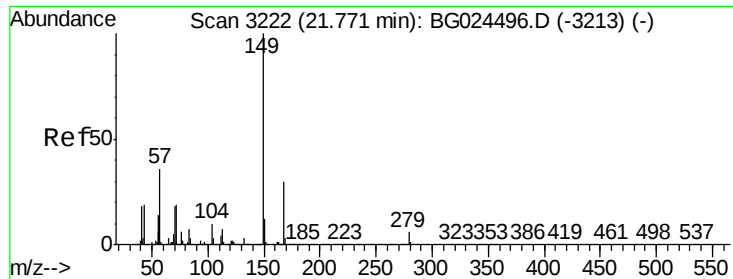
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#82
 Chrysene
 Concen: 40.18 ng
 RT: 21.97 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	27.0	40.4
229	21.9	17.8	26.6





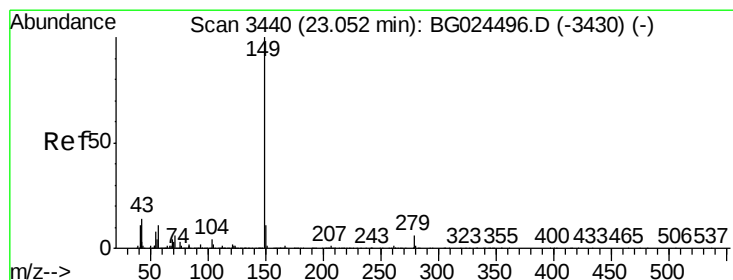
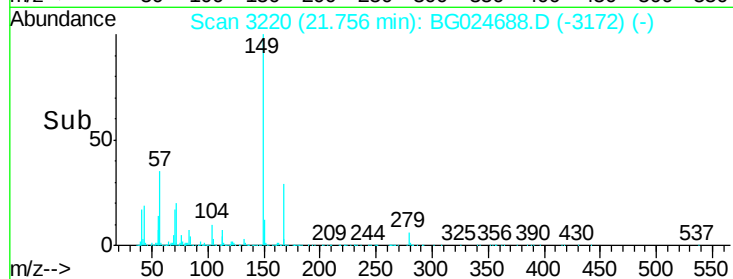
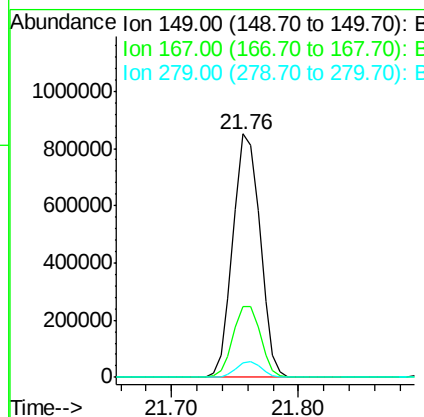
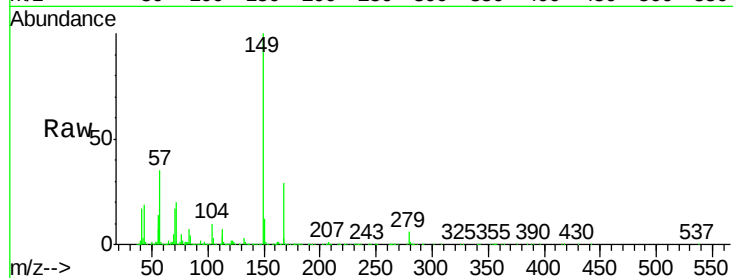
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.14 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.02 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB94545BS

Tot Ion:149 Resp: 1262214
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.7 35.5
 279 6.2 4.6 6.8

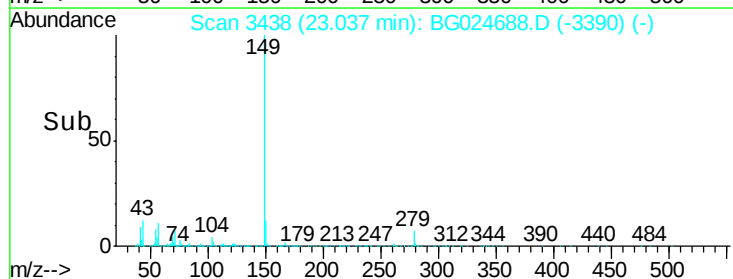
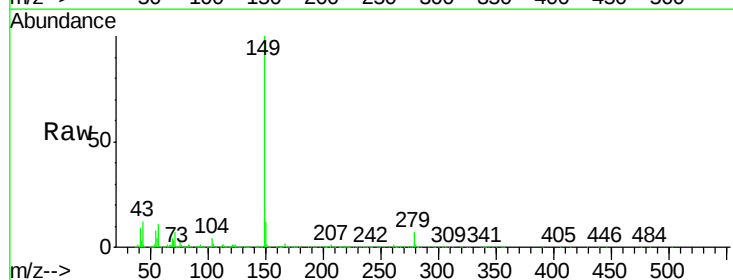
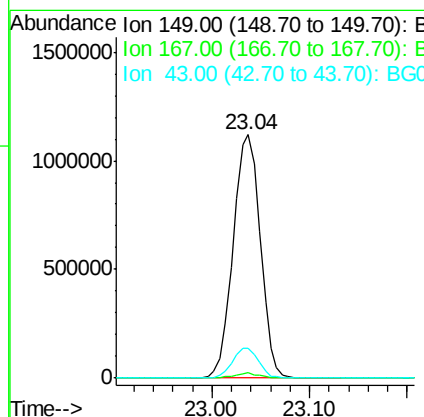
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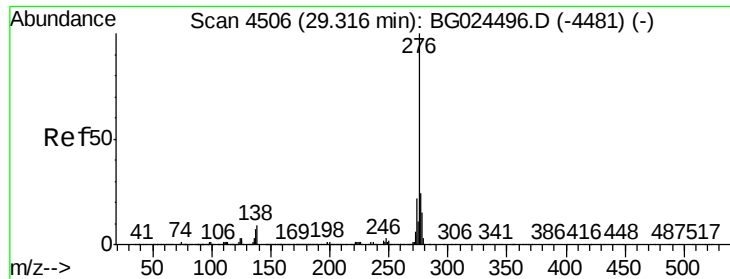
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#84
 Di-n-octyl phthalate
 Concen: 42.42 ng
 RT: 23.04 min Scan# 3438
 Delta R.T. -0.02 min
 Lab File: BG024688.D
 Acq: 4 Nov 2016 23:13

Tgt Ion:149 Resp: 2159941
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.2
 43 11.8 11.8 17.6





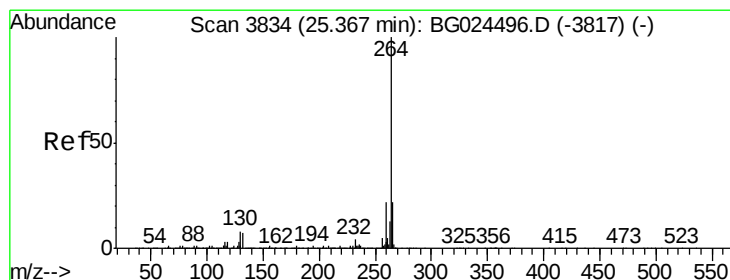
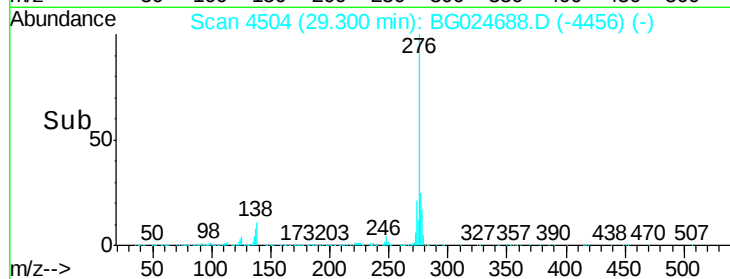
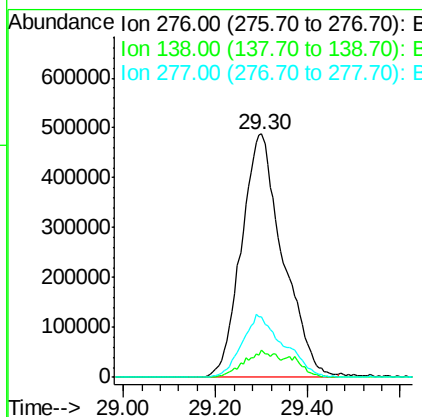
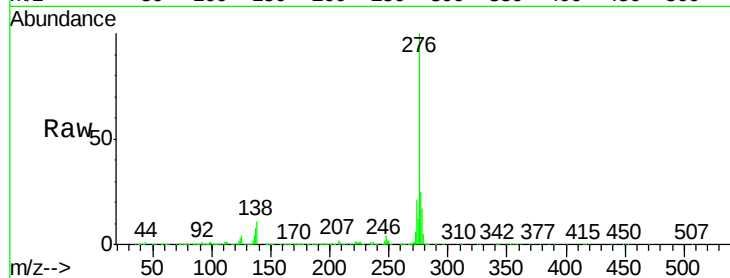
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.03 ng
RT: 29.30 min Scan# 4504
Delta R.T. -0.02 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion:276 Resp: 3042893
Ion Ratio Lower Upper
276 100
138 6.7 4.7 7.1
277 25.9 20.6 31.0

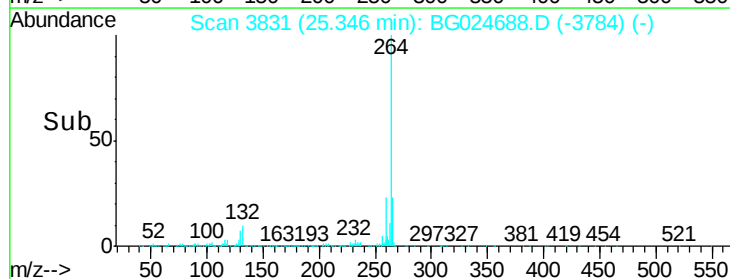
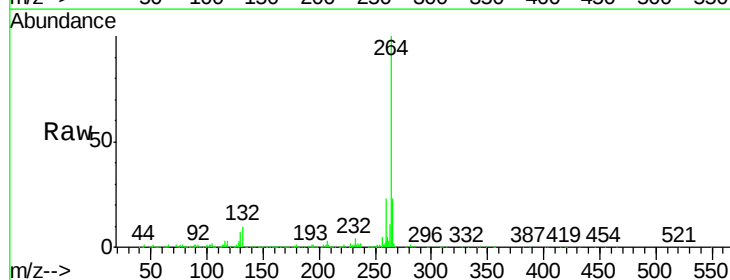
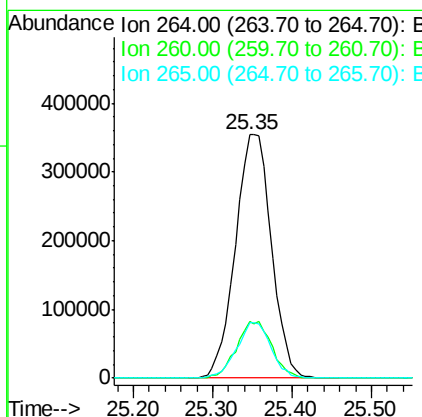
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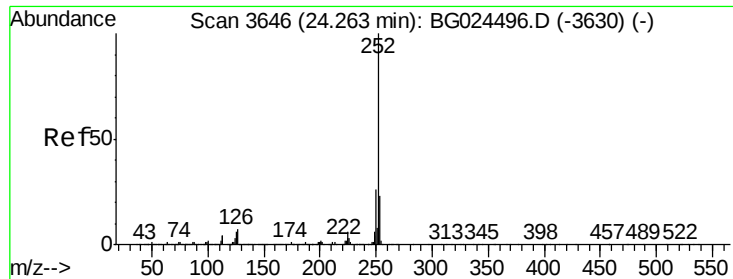
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion:264 Resp: 1117393
Ion Ratio Lower Upper
264 100
260 23.2 21.8 32.8
265 22.9 18.2 27.4





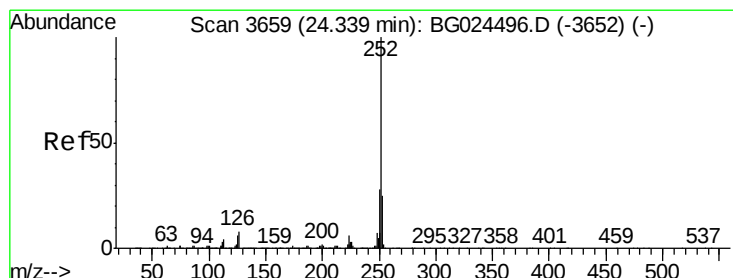
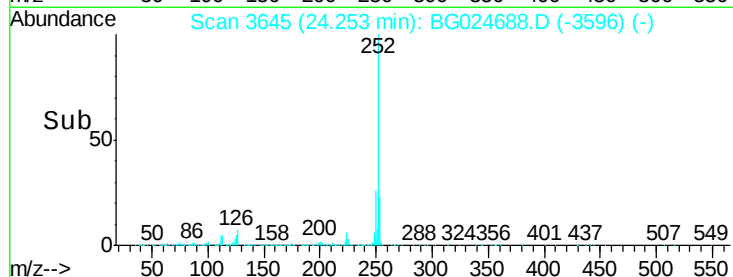
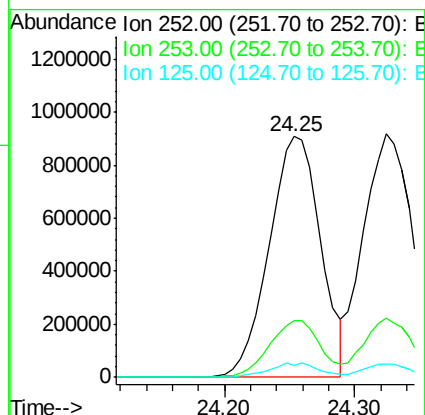
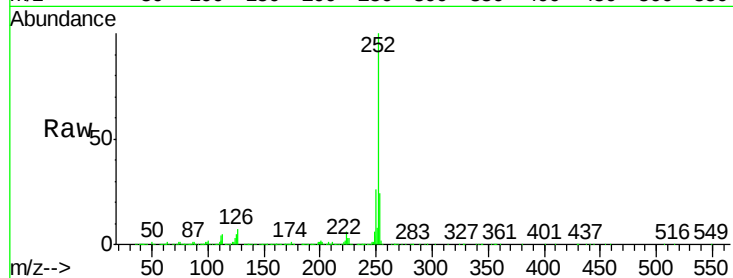
#87
Benzo(b)fluoranthene
Concen: 41.14 ng m
RT: 24.25 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Tot Ion:252 Resp: 2484662
Ion Ratio Lower Upper
252 100
253 23.5 18.7 28.1
125 4.7 5.3 7.9#

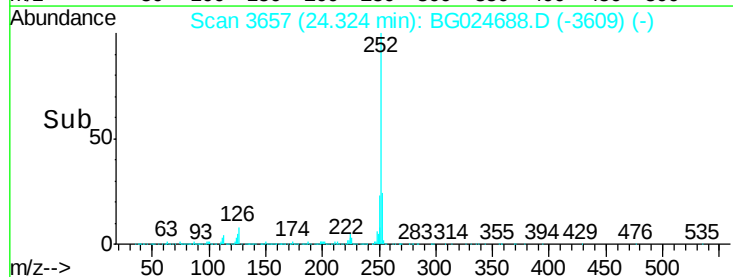
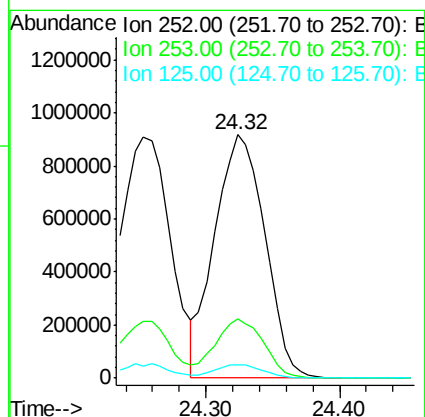
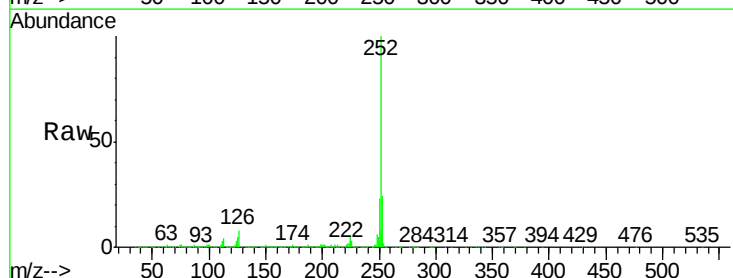
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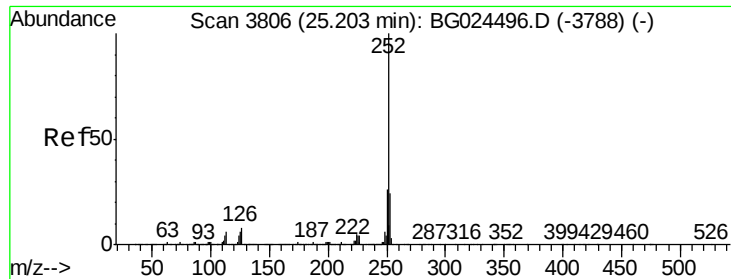
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#88
Benzo(k)fluoranthene
Concen: 41.11 ng
RT: 24.32 min Scan# 3657
Delta R.T. -0.02 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion:252 Resp: 2398116
Ion Ratio Lower Upper
252 100
253 24.1 20.2 30.2
125 5.3 5.1 7.7





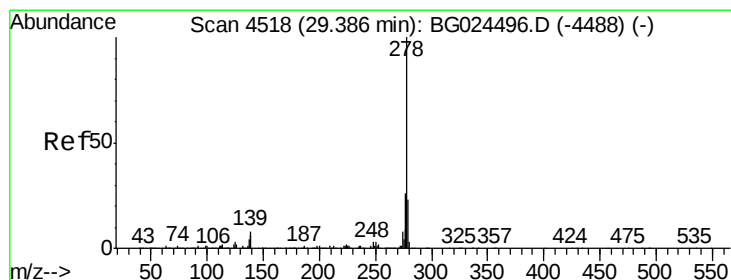
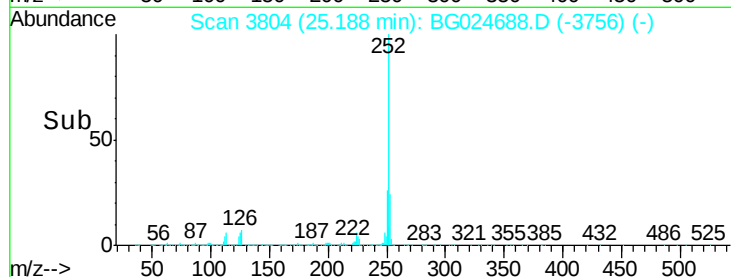
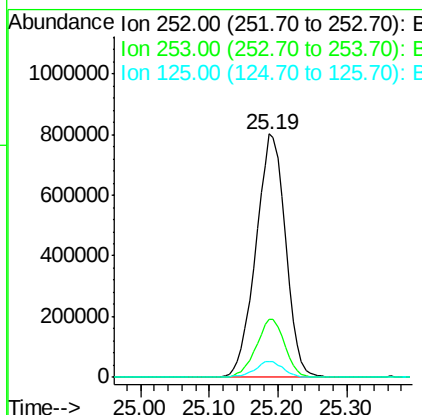
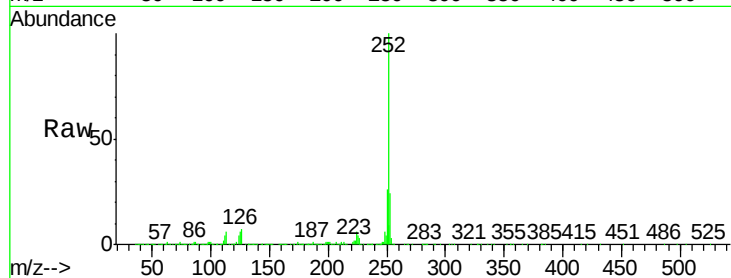
#89
Benzo(a)pyrene
Concen: 40.83 ng
RT: 25.19 min Scan# 3804
Delta R.T. -0.02 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Instrument :
BNA_G
ClientSampleID :
PB94545BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	6.5	5.4	8.0

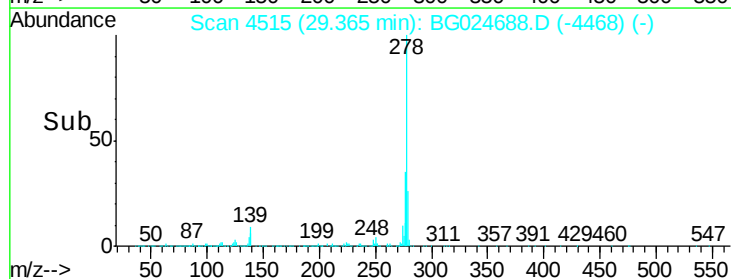
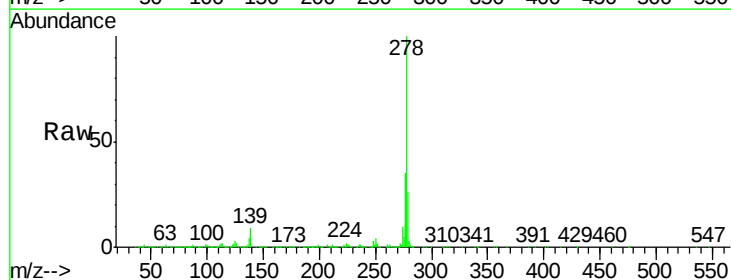
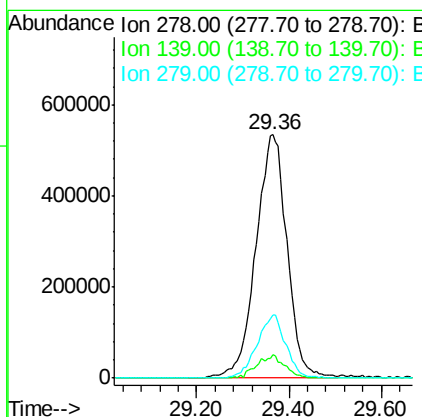
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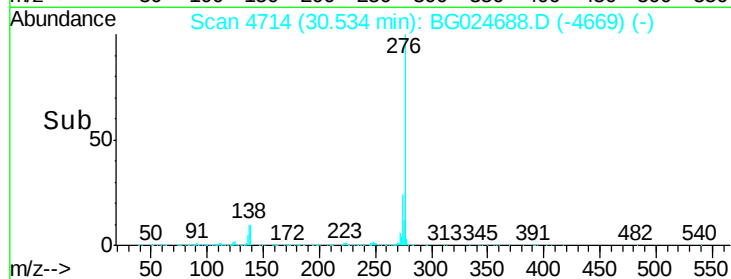
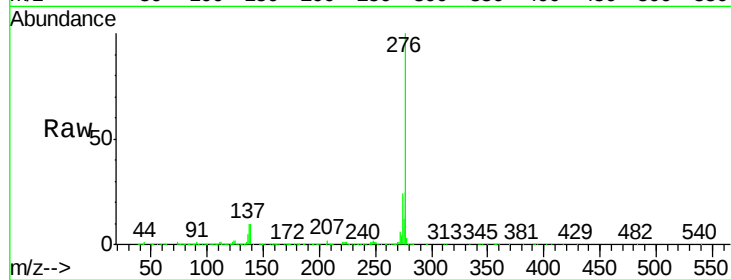
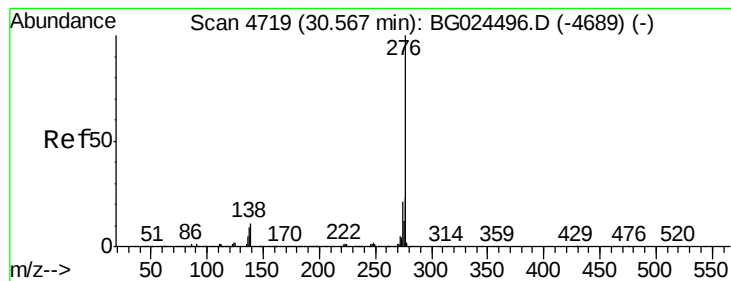
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 38.61 ng
RT: 29.36 min Scan# 4515
Delta R.T. -0.02 min
Lab File: BG024688.D
Acq: 4 Nov 2016 23:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.7	11.5
279	26.0	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 38.33 ng

RT: 30.53 min Scan# 4714

Delta R.T. -0.03 min

Lab File: BG024688.D

Acq: 4 Nov 2016 23:13

Tot Ion:	276	Resp:	2480729
Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	9.8	8.1	12.1

Instrument :

BNA_G

ClientSampleId :

PB94545BS

Manual Integrations
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