

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024710.D
 Acq On : 5 Nov 2016 13:21
 Operator : UM/SJ
 Sample : H5526-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-99-14.5-15.0MSD

Manual Integrations
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 11/7/2016 4:37:15 PM

Quant Time: Nov 07 00:15:46 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	94062	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	354502	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	270684	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	648424	20.00	ng	0.00
75) Chrysene-d12	21.93	240	889347	20.00	ng	0.00
86) Perylene-d12	25.35	264	948206	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	905051	157.70	ng	0.00
7) Phenol-d6	7.41	99	1293393	164.30	ng	0.00
23) Nitrobenzene-d5	9.44	82	897946	115.33	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	740893	183.21	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1741434	106.93	ng	0.00
78) Terphenyl-d14	20.21	244	3089613	103.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	87416	37.28	ng	96
3) Pyridine	4.07	79	283824	40.43	ng	93
4) n-Nitrosodimethylamine	3.98	42	172447	47.45	ng	84
6) Aniline	7.59	93	377005	37.80	ng	# 92
8) 2-Chlorophenol	7.83	128	307280	52.66	ng	94
9) Benzaldehyde	7.40	77	57201	11.76	ng	85
10) Phenol	7.43	94	471219	58.07	ng	94
11) bis(2-Chloroethyl)ether	7.67	93	315745	51.79	ng	87
12) 1,3-Dichlorobenzene	8.16	146	328160	45.43	ng	97
13) 1,4-Dichlorobenzene	8.30	146	337556	47.31	ng	97
14) 1,2-Dichlorobenzene	8.63	146	324587	47.32	ng	93
15) Benzyl Alcohol	8.50	79	382404	52.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	515697	45.59	ng	95
17) 2-Methylphenol	8.70	107	291282	54.17	ng	98
18) Hexachloroethane	9.35	117	128159	46.73	ng	98
19) n-Nitroso-di-n-propylamine	9.07	70	292761	50.46	ng	99
20) 3+4-Methylphenols	9.02	107	387782	53.71	ng	93
22) Acetophenone	9.10	105	499847	54.89	ng	# 92
24) Nitrobenzene	9.48	77	447378	51.65	ng	94
25) Isophorone	10.00	82	791333	54.64	ng	99
26) 2-Nitrophenol	10.19	139	189901	59.07	ng	93
27) 2,4-Dimethylphenol	10.24	122	326673	58.04	ng	98
28) bis(2-Chloroethoxy)methane	10.48	93	438298	58.49	ng	99
29) 2,4-Dichlorophenol	10.73	162	354879	60.07	ng	95
30) 1,2,4-Trichlorobenzene	10.95	180	377159	53.82	ng	94
31) Naphthalene	11.15	128	921015	52.09	ng	99
32) Benzoic acid	10.31	122	41963	8.95	ng	90
33) 4-Chloroaniline	11.25	127	252755	32.92	ng	94
34) Hexachlorobutadiene	11.41	225	279826	51.02	ng	97
35) Caprolactam	12.02	113	123231m	56.98	ng	
36) 4-Chloro-3-methylphenol	12.34	107	406507	57.00	ng	94
37) 2-Methylnaphthalene	12.73	142	681628	52.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	481697	52.76	ng	97
40) Hexachlorocyclopentadiene	13.06	237	596055	115.93	ng	95

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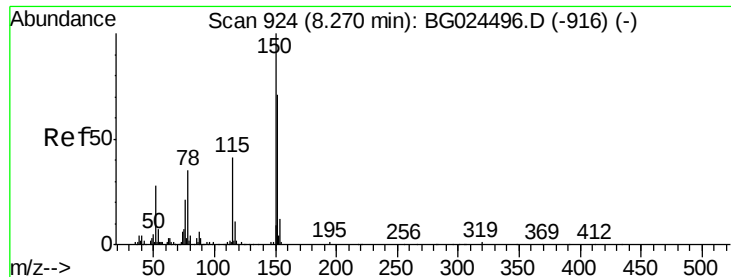
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	319407	58.20	nq	96
43) 2,4,5-Trichlorophenol	13.40	196	346707	58.44	nq	95
45) 1,1'-Biphenyl	13.72	154	967123	51.49	nq	97
46) 2-Chloronaphthalene	13.77	162	774501	54.15	nq	97
47) 2-Nitroaniline	13.97	65	324421	55.40	nq	99
48) Acenaphthylene	14.61	152	1167886	53.24	nq	96
49) Dimethylphthalate	14.32	163	1463430	76.15	nq	98
50) 2,6-Dinitrotoluene	14.46	165	236819	57.73	nq	# 83
51) Acenaphthene	14.95	154	765918	46.84	nq	99
52) 3-Nitroaniline	14.79	138	196001	46.17	nq	96
53) 2,4-Dinitrophenol	14.99	184	158617	53.36	nq	97
54) Dibenzofuran	15.28	168	1248181	55.21	nq	98
55) 4-Nitrophenol	15.08	139	422860	114.33	nq	91
56) 2,4-Dinitrotoluene	15.24	165	362764	60.85	nq	# 99
57) Fluorene	15.92	166	1005239	53.62	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	378825m	61.58	nq	
59) Diethylphthalate	15.68	149	1065814	52.90	nq	99
60) 4-Chlorophenyl-phenylether	15.91	204	562610	53.48	nq	96
61) 4-Nitroaniline	15.95	138	263449	56.81	nq	94
62) Azobenzene	16.20	77	1102011	54.84	nq	97
64) 4,6-Dinitro-2-methylphenol	16.00	198	213840	47.87	nq	99
65) n-Nitrosodiphenylamine	16.12	169	956669	53.97	nq	99
66) 4-Bromophenyl-phenylether	16.80	248	426223	54.15	nq	99
67) Hexachlorobenzene	16.92	284	476812	54.82	nq	90
68) Atrazine	17.06	200	435352	57.26	nq	96
69) Pentachlorophenol	17.27	266	626578	109.17	nq	96
70) Phenanthrene	17.67	178	1746901	52.86	nq	98
71) Anthracene	17.76	178	1784481	53.52	nq	99
72) Carbazole	18.03	167	1642219	54.00	nq	97
73) Di-n-butylphthalate	18.55	149	1854021	52.88	nq	97
74) Fluoranthene	19.66	202	2278378	54.53	nq	98
76) Benzidine	19.84	184	1215844	58.02	nq	99
77) Pyrene	20.02	202	2299322	52.89	nq	98
79) Butylbenzylphthalate	20.88	149	999202	55.13	nq	98
80) Benzo(a)anthracene	21.90	228	2612541	53.47	nq	99
81) 3,3'-Dichlorobenzidine	21.81	252	671577	34.07	nq	100
82) Chrysene	21.97	228	2438839	52.41	nq	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1409612	54.37	nq	100
84) Di-n-octyl phthalate	23.04	149	2336312	54.30	nq	94
85) Indeno(1,2,3-cd)pyrene	29.31	276	3324052	51.75	nq	99
87) Benzo(b)fluoranthene	24.25	252	2704013	52.76	nq	96
88) Benzo(k)fluoranthene	24.33	252	2617469	52.88	nq	99
89) Benzo(a)pyrene	25.19	252	2664240	53.20	nq	98
90) Dibenzo(a,h)anthracene	29.37	278	2761488	50.24	nq	96
91) Benzo(g,h,i)perylene	30.55	276	2742307	49.94	nq	99

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



#1

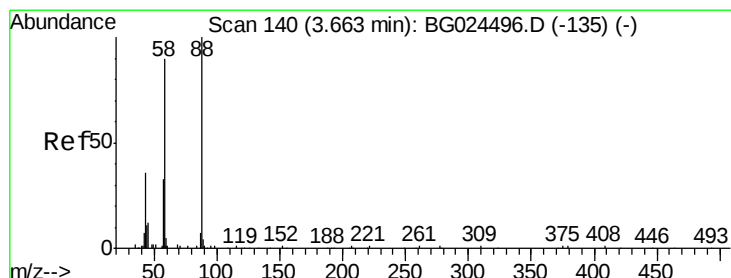
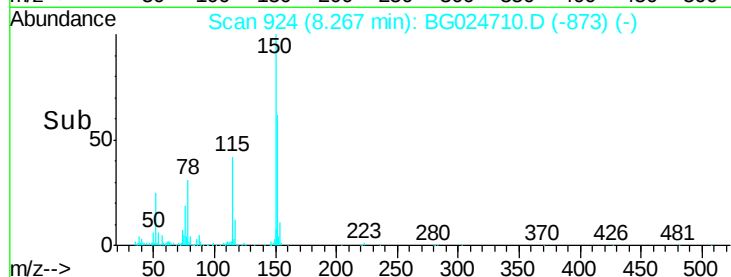
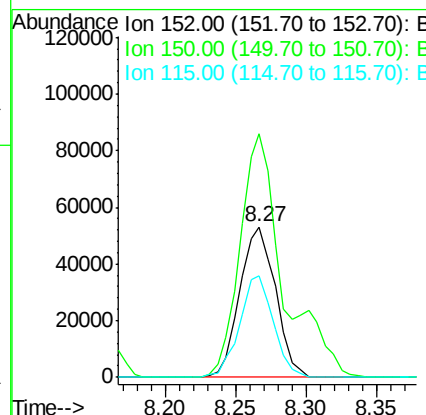
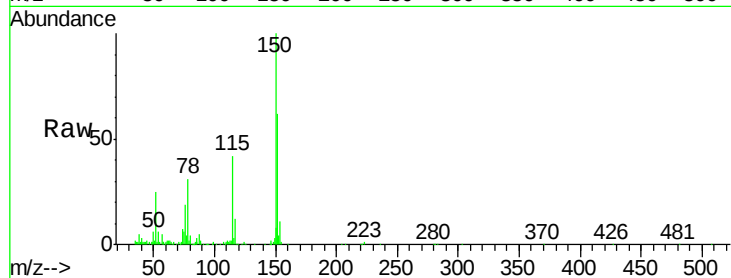
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	114.0	171.0
115	67.4	48.1	72.1

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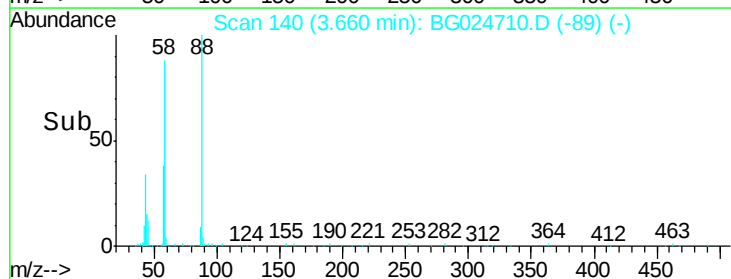
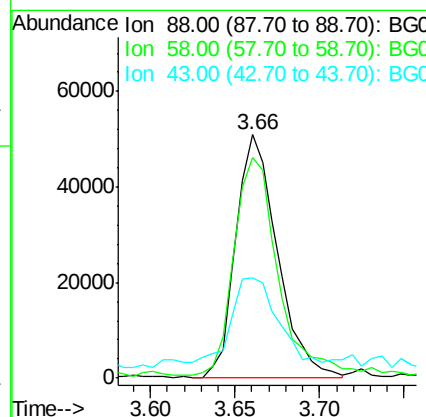
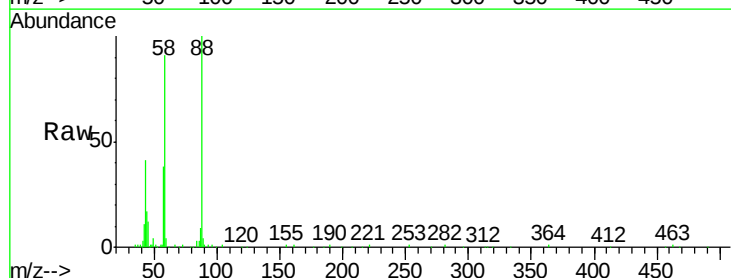
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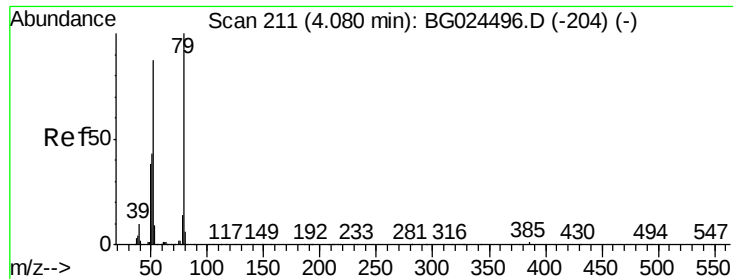


#2

1,4-Dioxane
Concen: 37.28 ng
RT: 3.66 min Scan# 140
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.3	79.4	119.2
43	37.4	33.8	50.6





#3

Pvridine

Concen: 40.43 ng

RT: 4.07 min Scan# 210

Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

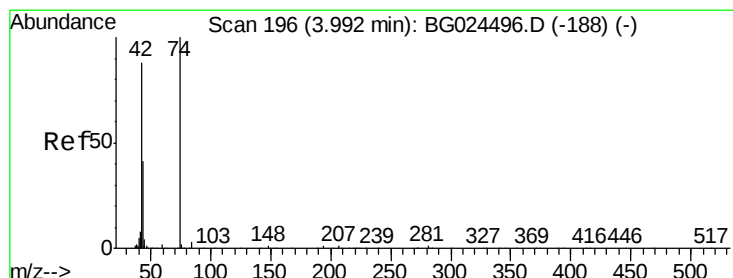
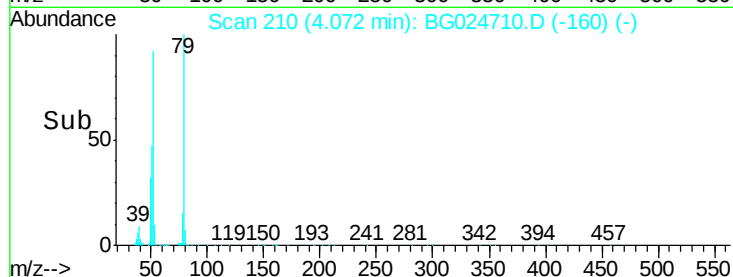
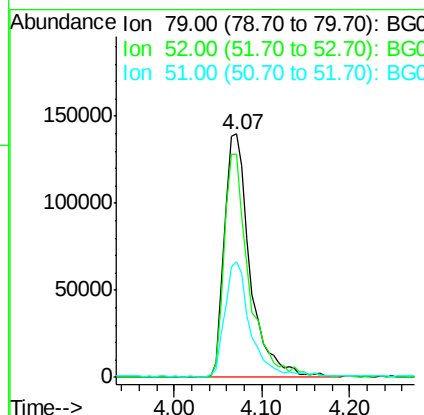
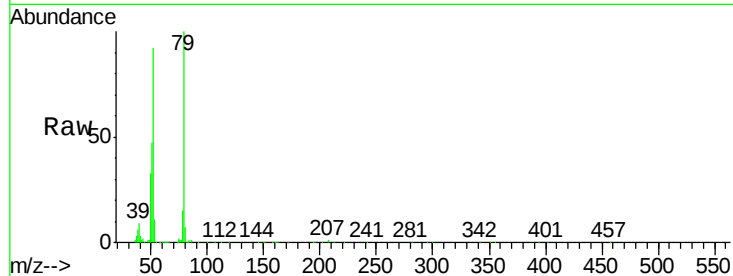
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:	79	Resp:	283824
Ion Ratio	Lower	Upper	
79	100		
52	91.5	77.8	116.6
51	47.4	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 47.45 ng

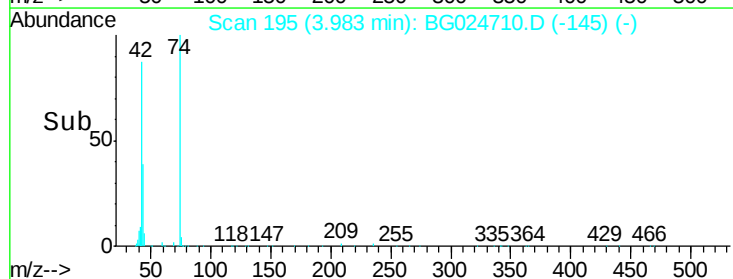
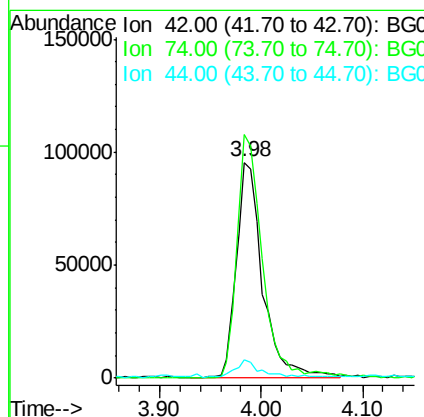
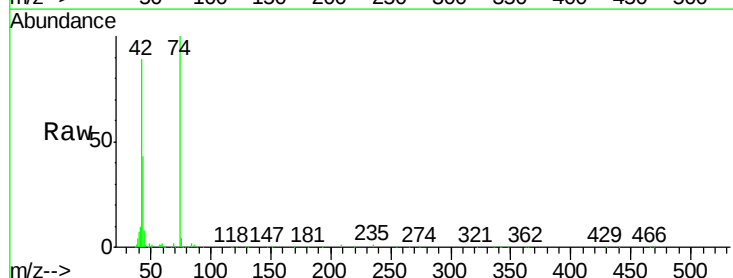
RT: 3.98 min Scan# 195

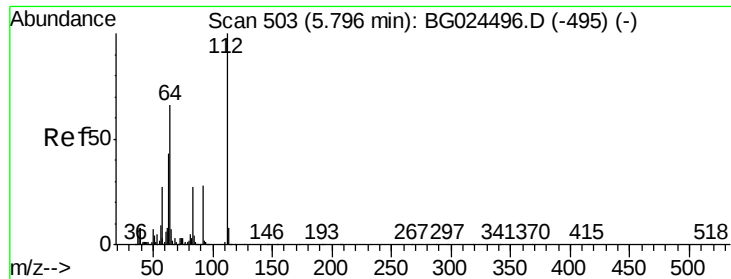
Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion:	42	Resp:	172447
Ion Ratio	Lower	Upper	
42	100		
74	112.9	76.7	115.1
44	8.7	6.1	9.1





#5

2-Fluorophenol

Concen: 157.70 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

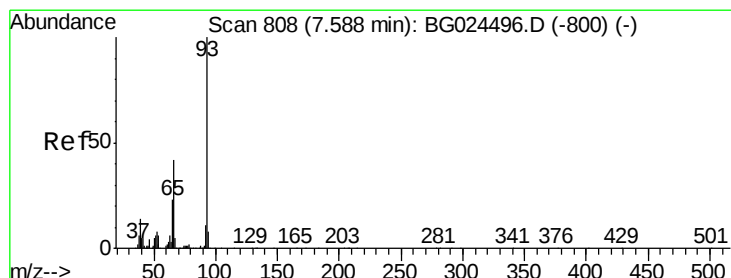
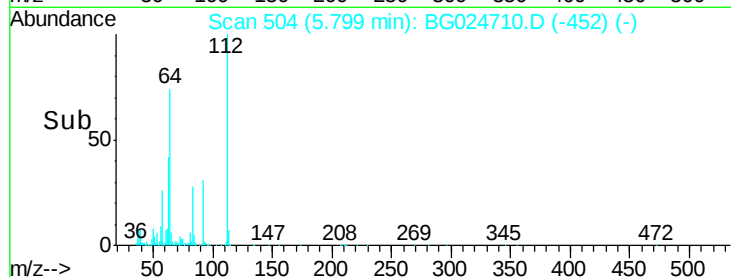
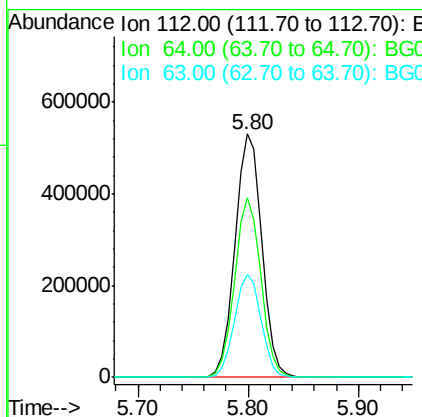
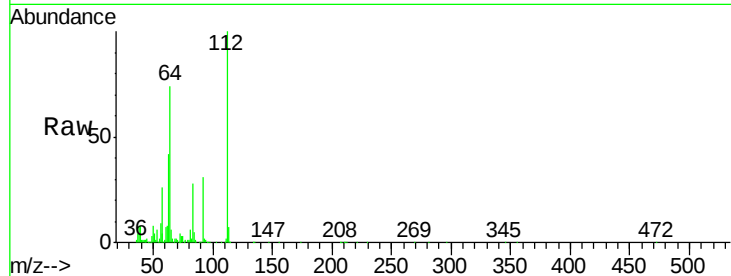
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	905051		
64	74.0	61.8	92.6	
63	42.2	37.2	55.8	

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#6

Aniline

Concen: 37.80 ng

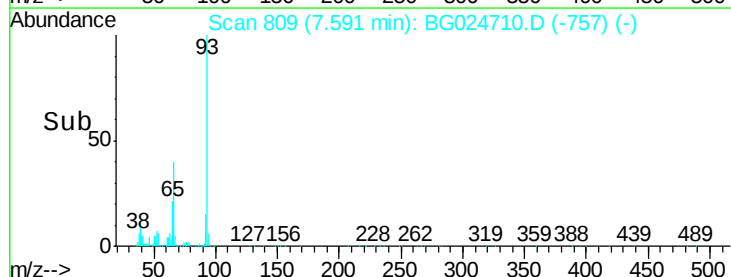
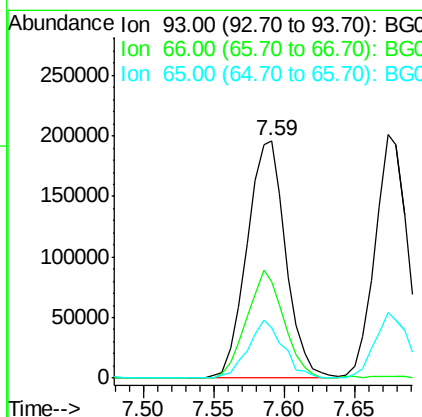
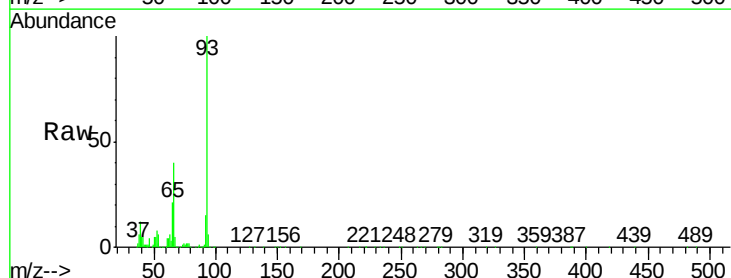
RT: 7.59 min Scan# 809

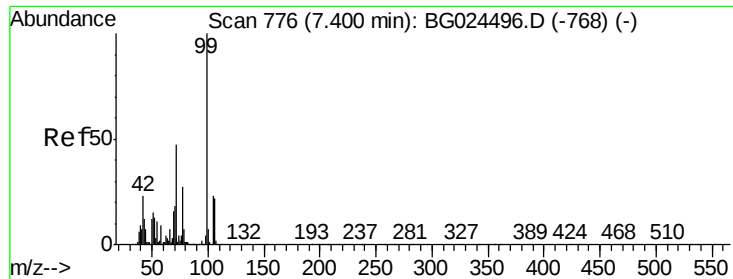
Delta R.T. 0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	377005		
66	40.4	35.4	53.2	
65	21.0	21.2	31.8	





#7

Phenol-d6

Concen: 164.30 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion: 99 Resp: 1293393

Ion Ratio Lower Upper

99 100

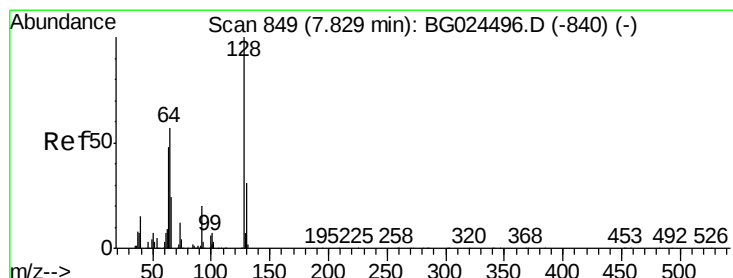
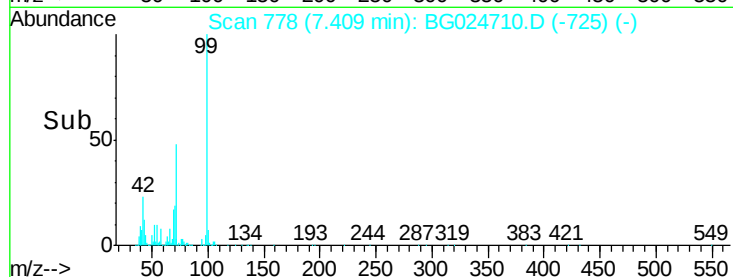
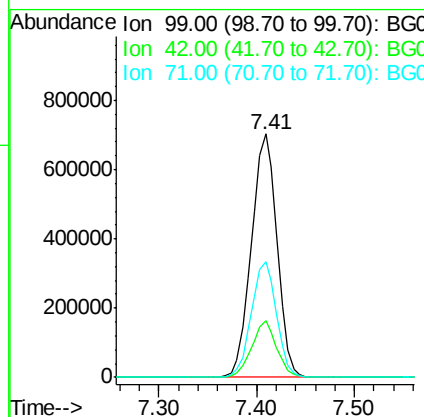
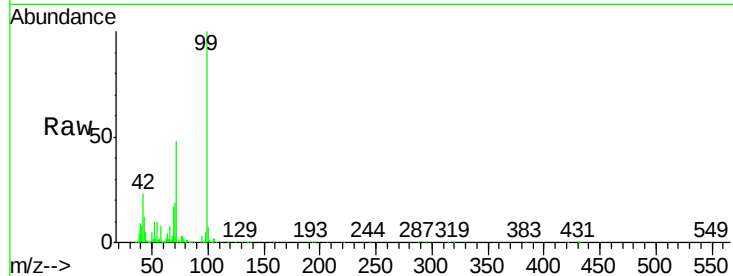
42 23.1 20.5 30.7

71 47.6 37.6 56.4

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#8

2-Chlorophenol

Concen: 52.66 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

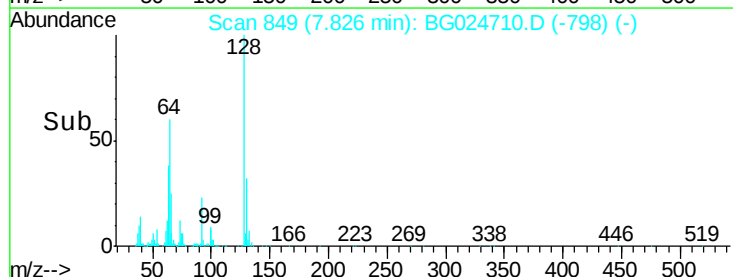
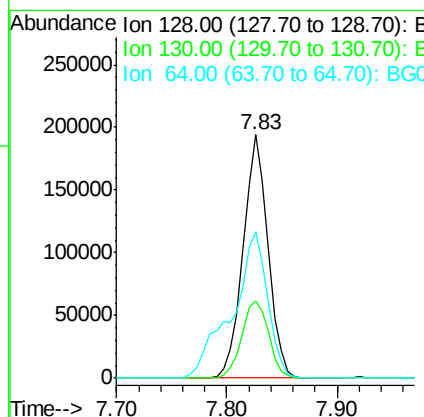
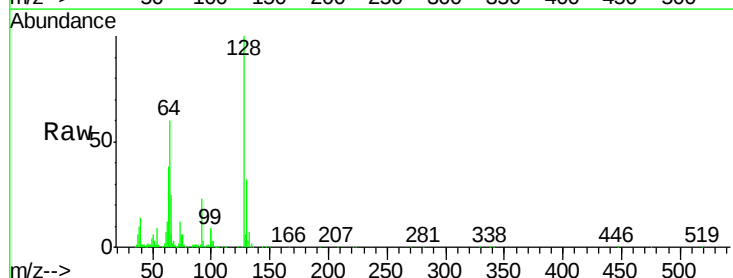
Tgt Ion: 128 Resp: 307280

Ion Ratio Lower Upper

128 100

130 31.9 11.4 51.4

64 60.2 46.6 86.6





#9

Benzaldehyde

Concen: 11.76 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

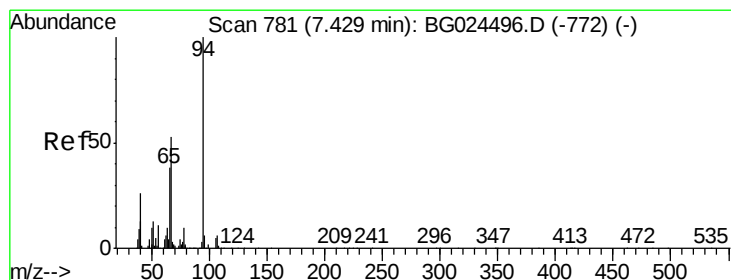
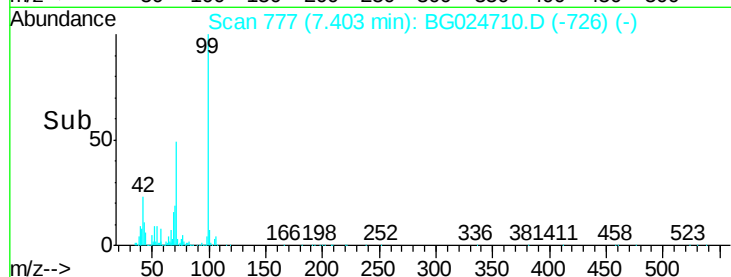
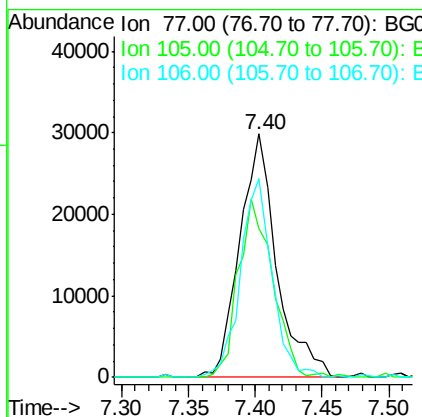
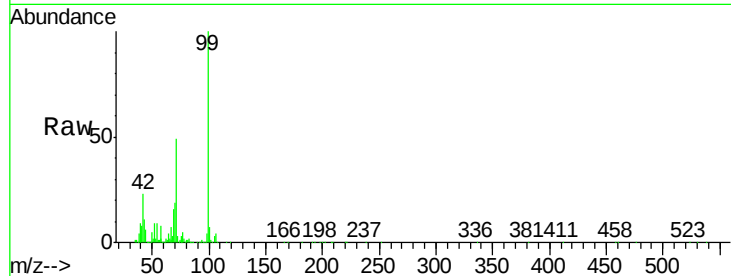
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:	77	Resp:	57201
Ion Ratio	Lower	Upper	
77	100		
105	61.4	60.9	100.9
106	81.9	55.1	95.1

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#10

Phenol

Concen: 58.07 ng

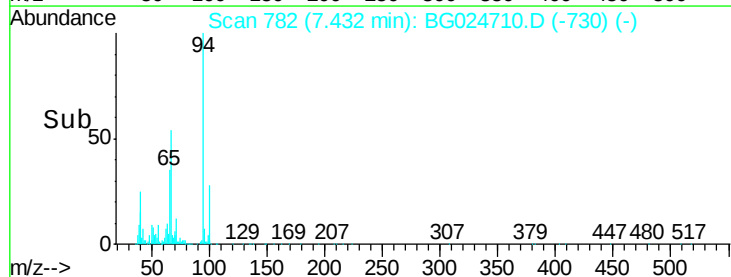
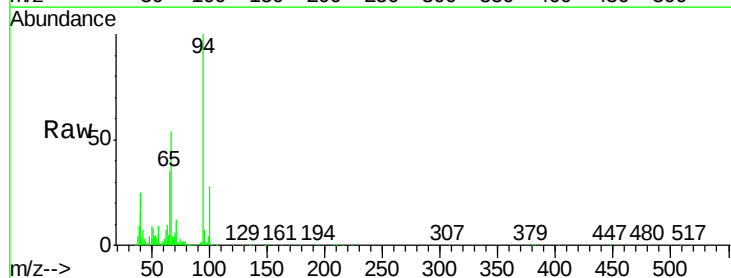
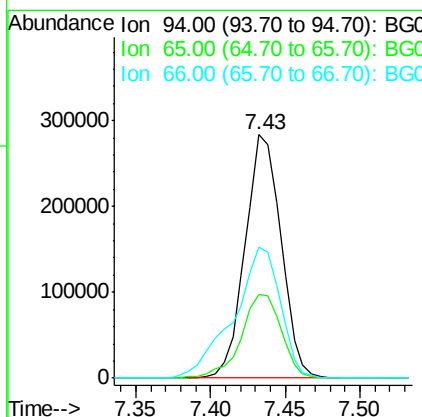
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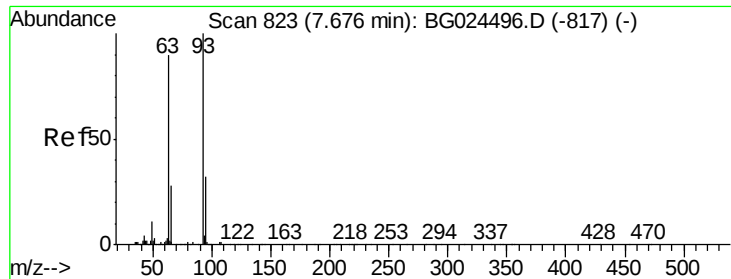
Delta R.T. 0.00 min

Lab File: BG024710.D

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Tgt Ion:	94	Resp:	471219
Ion Ratio	Lower	Upper	
94	100		
65	34.6	20.6	60.6
66	53.7	35.5	75.5





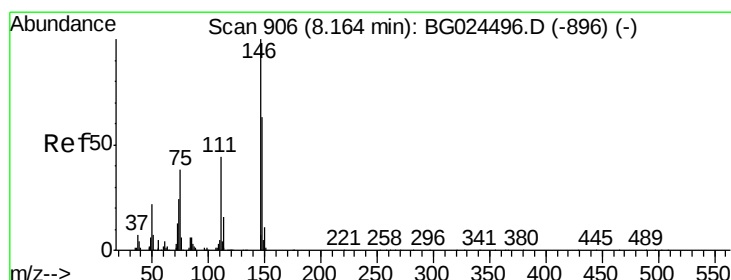
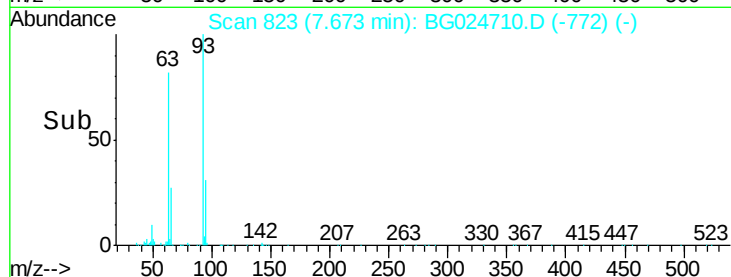
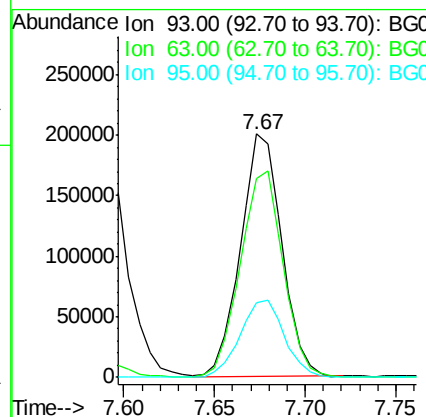
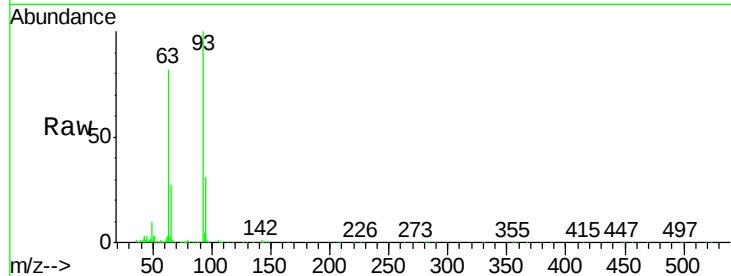
#11
bis(2-Chloroethyl)ether
Concen: 51.79 ng
RT: 7.67 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.7	78.5	118.5
95	30.6	9.8	49.8

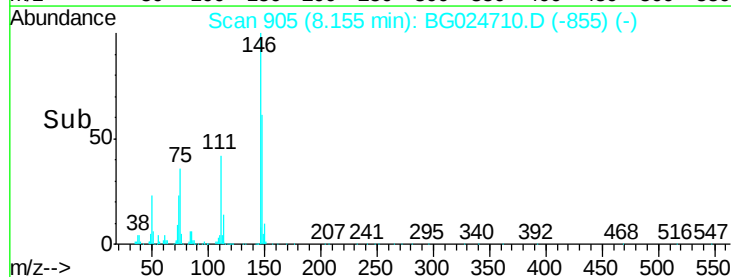
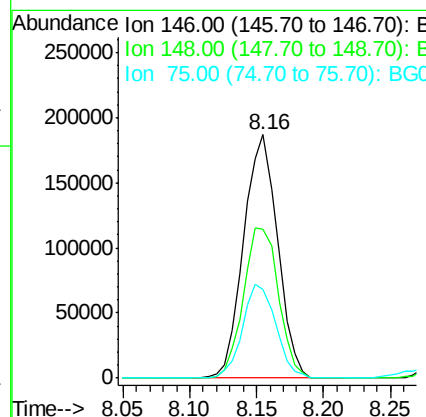
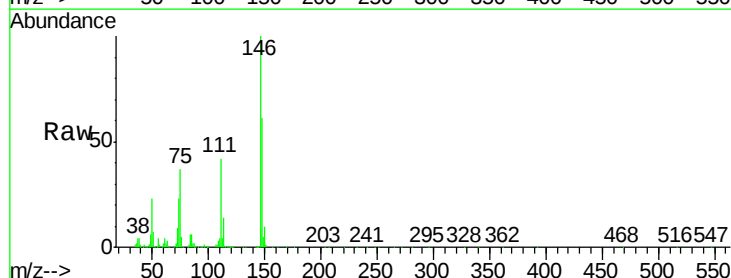
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 45.43 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	49.2	73.8
75	36.6	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 47.31 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

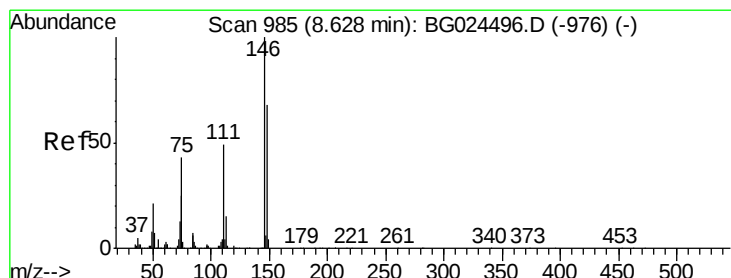
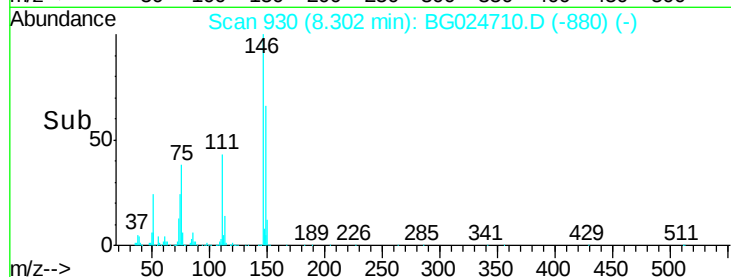
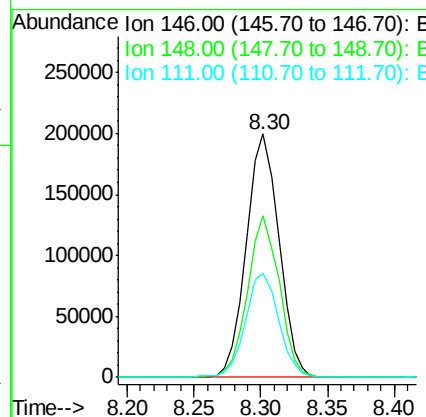
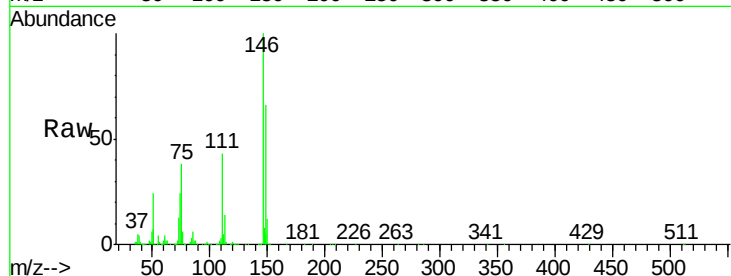
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:	146	Resp:	337556
Ion Ratio	Lower	Upper	
146	100		
148	66.3	52.2	78.2
111	42.7	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 47.32 ng

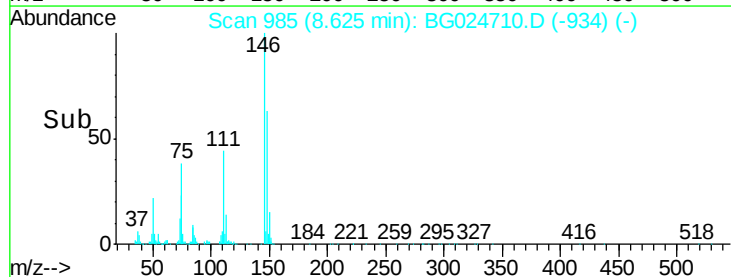
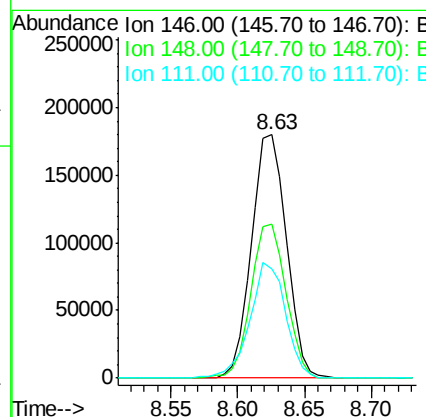
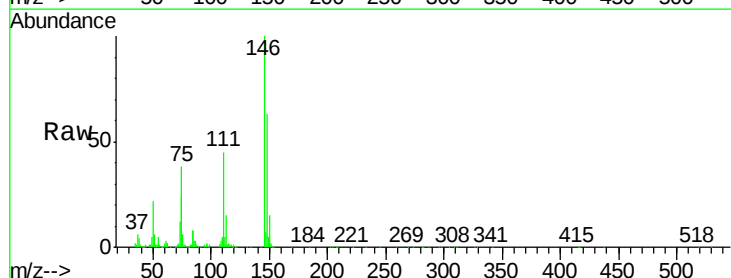
RT: 8.63 min Scan# 985

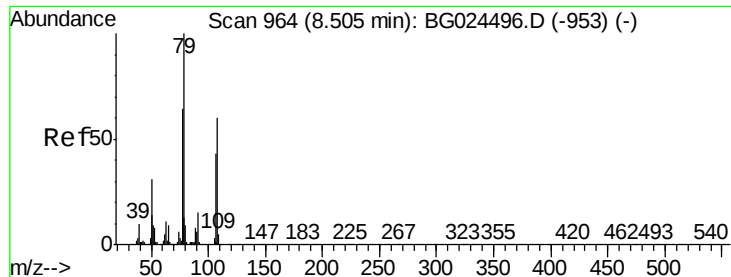
Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion:	146	Resp:	324587
Ion Ratio	Lower	Upper	
146	100		
148	63.1	54.6	81.8
111	44.8	39.7	59.5





#15

Benzyl Alcohol

Concen: 52.22 ng

RT: 8.50 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

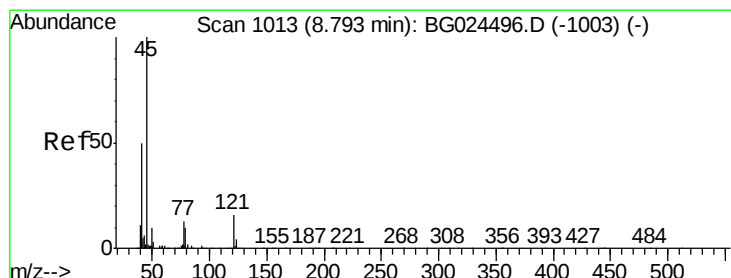
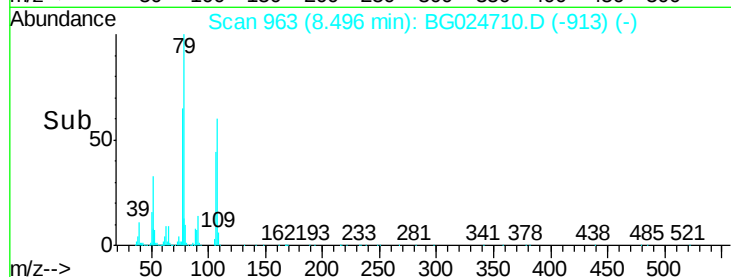
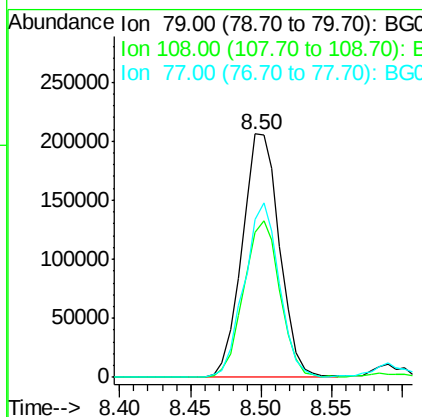
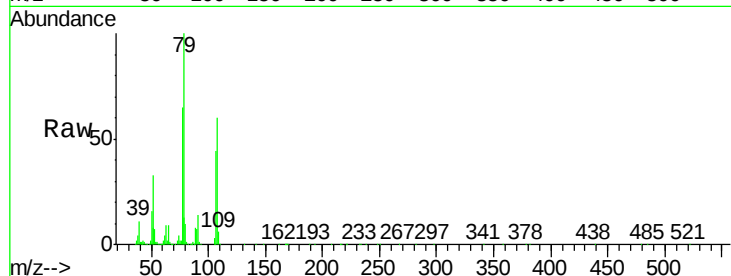
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:	79	Resp:	382404
Ion Ratio	Lower	Upper	
79	100		
108	59.6	45.5	68.3
77	64.6	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.59 ng

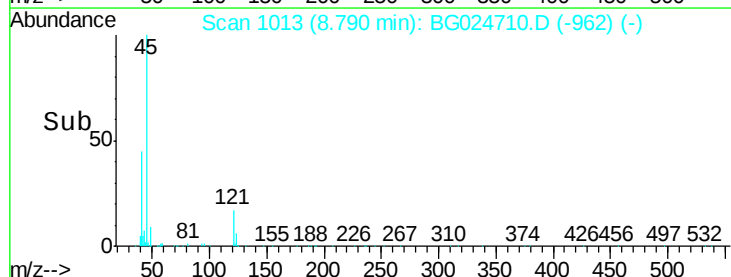
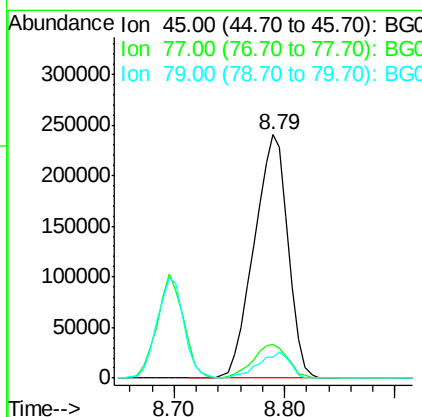
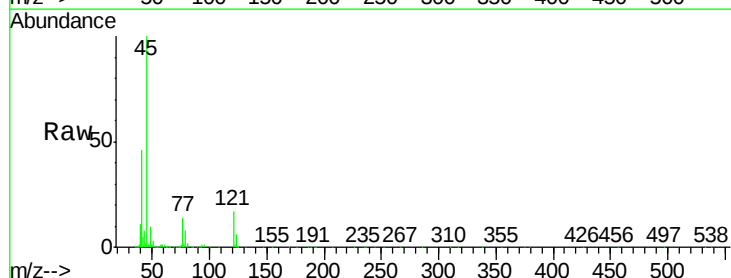
RT: 8.79 min Scan# 1013

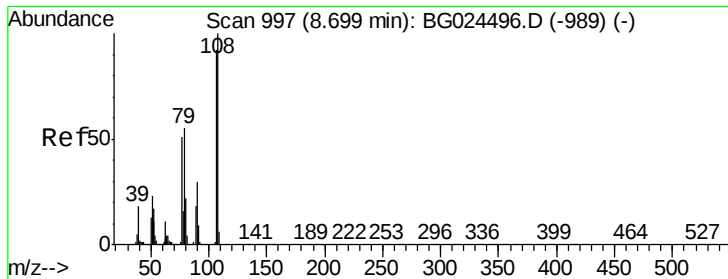
Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion:	45	Resp:	515697
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	30.6
79	8.4	0.0	28.5





#17

2-Methylphenol

Concen: 54.17 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

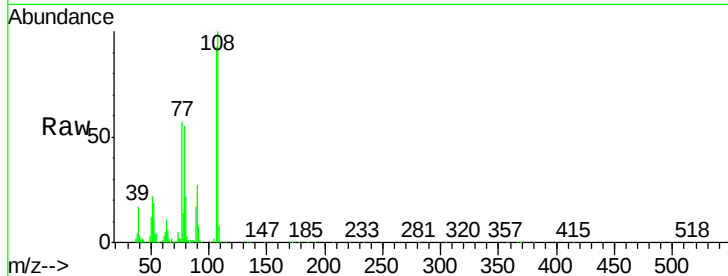
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	291282		
108	107.1	85.6	128.4	
77	60.9	51.4	77.2	
79	58.4	49.2	73.8	

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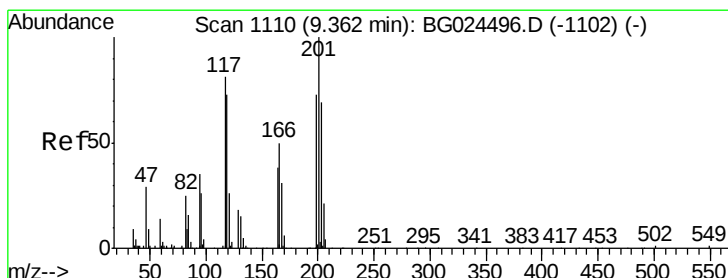
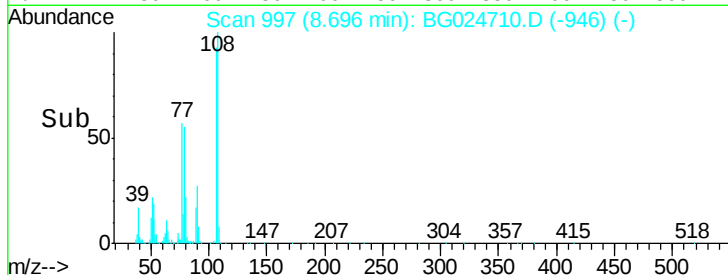
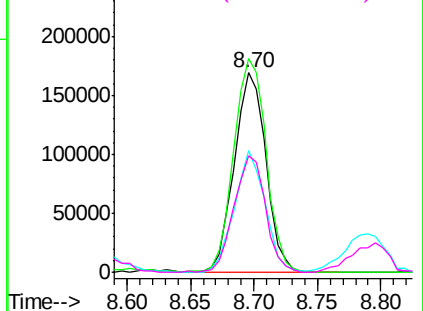
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.73 ng

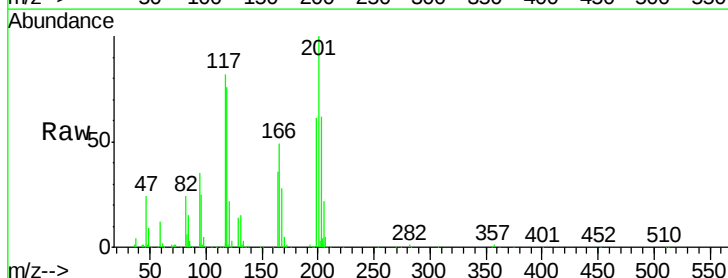
RT: 9.35 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	128159		
119	90.5	69.8	104.6	
201	119.3	95.4	143.0	

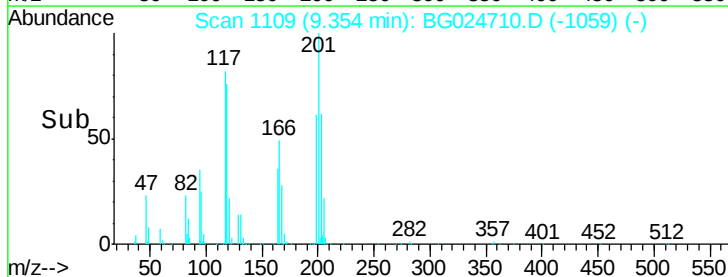
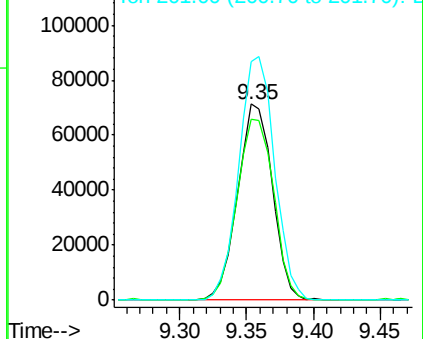


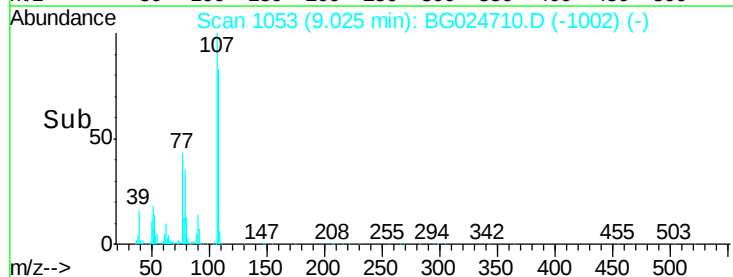
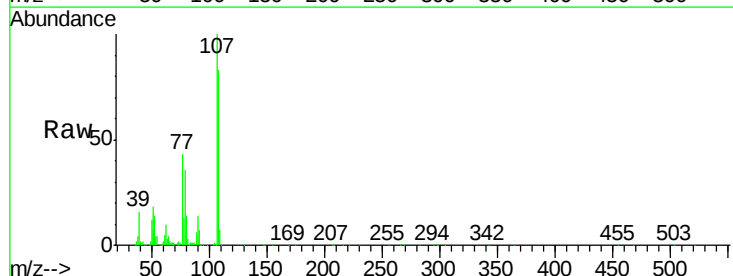
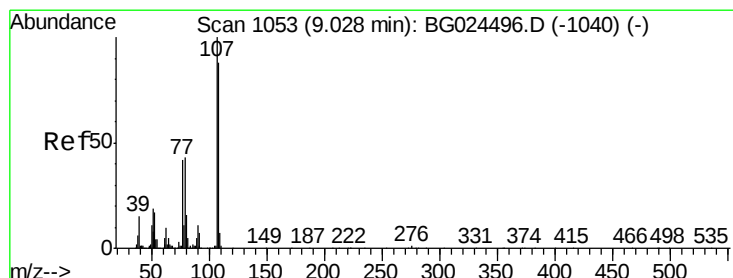
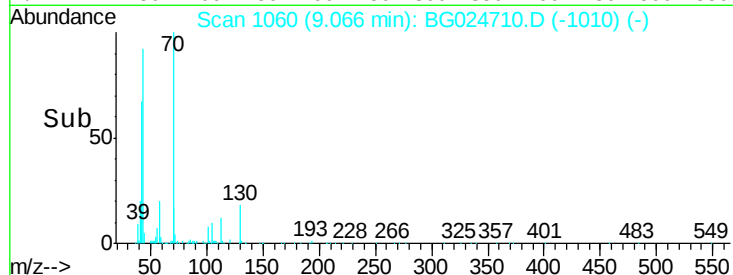
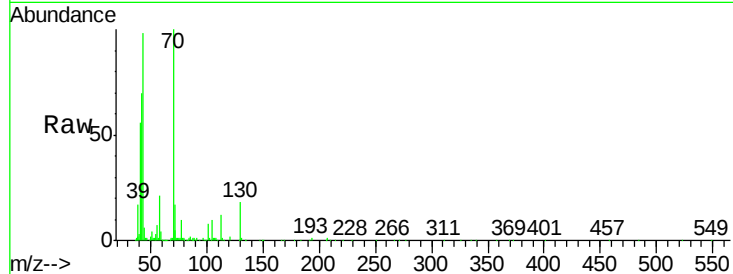
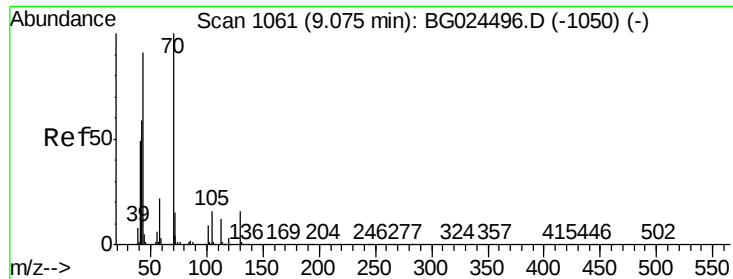
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

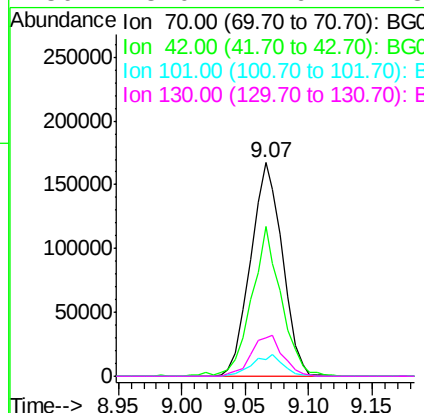
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 50.46 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tot Ion	Ion	Ratio	Lower	Upper
292761	70	100		
	42	70.0	56.1	84.1
	101	8.0	7.5	11.3
	130	18.0	14.6	21.8



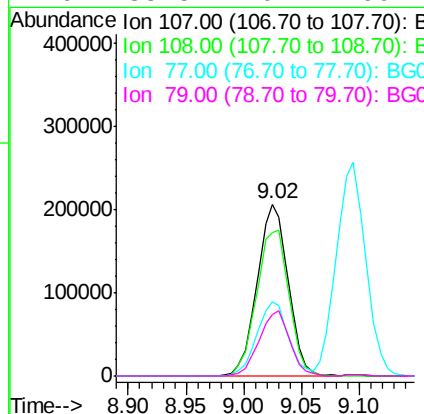
Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

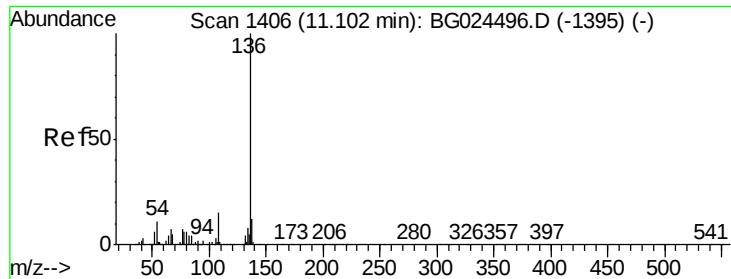
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#20
3+4-Methylphenols
Concen: 53.71 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ion	Ratio	Lower	Upper
387782	107	100		
	108	83.2	70.8	110.8
	77	43.3	25.8	65.8
	79	35.5	20.1	60.1





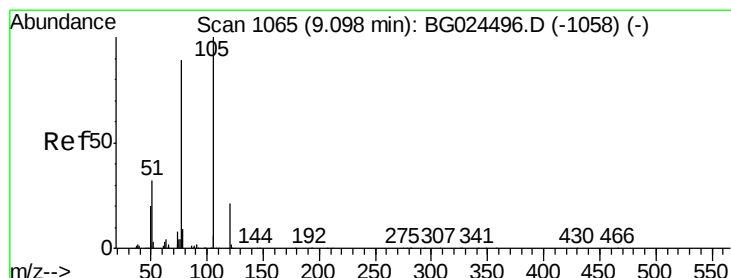
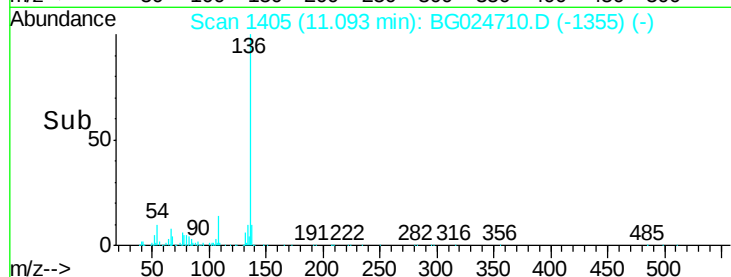
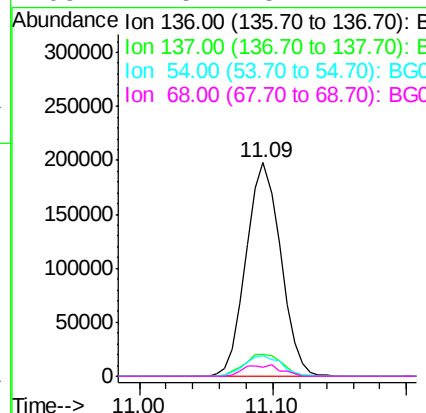
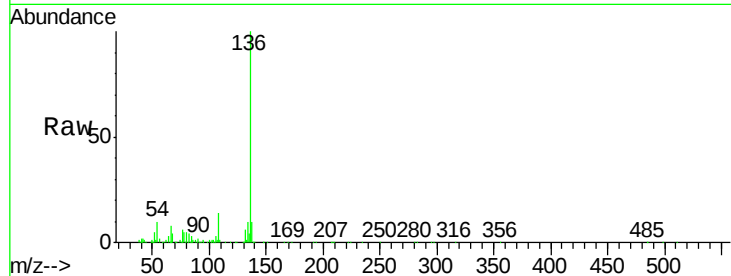
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.1	8.9	13.3	
54	9.8	9.3	13.9	
68	4.5	5.1	7.7	

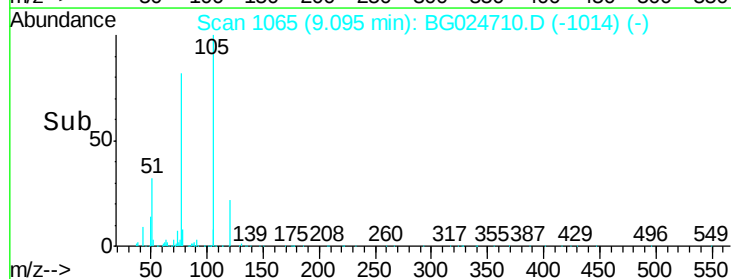
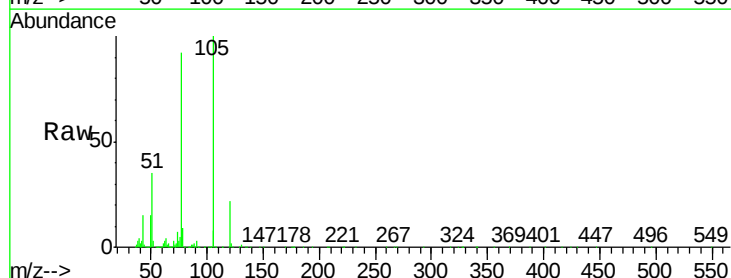
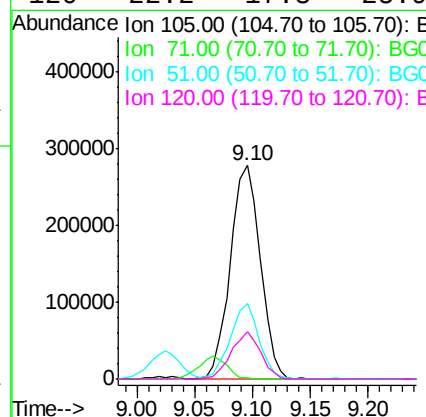
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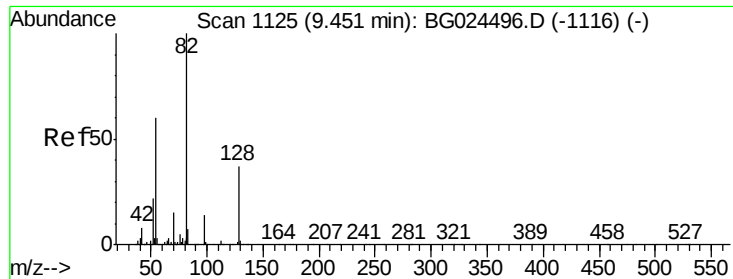
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#22
Acetophenone
Concen: 54.89 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.9	1.3	
51	35.4	34.0	51.0	
120	22.2	17.3	25.9	





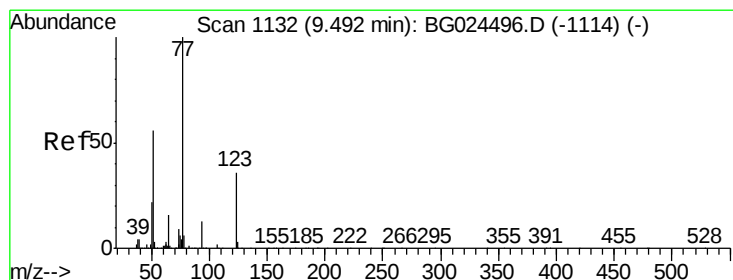
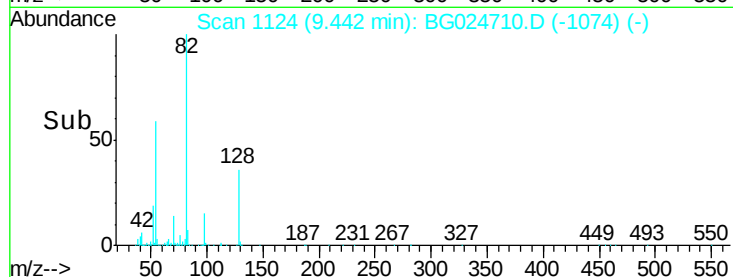
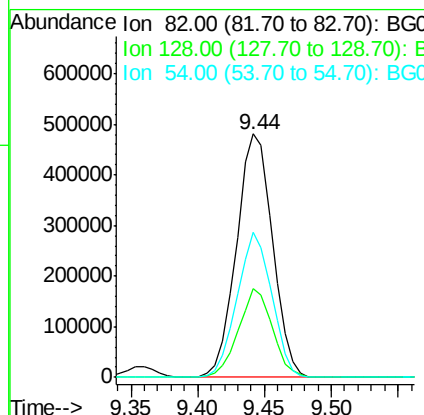
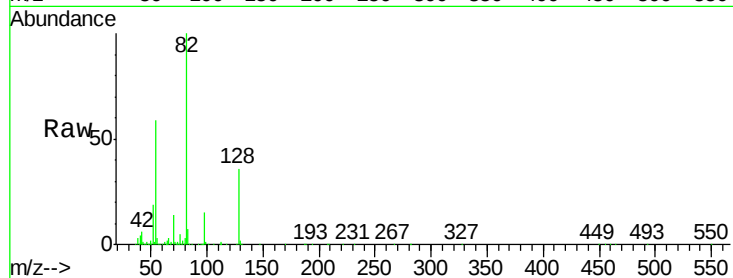
#23
 Nitrobenzene-d5
 Concen: 115.33 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-99-14.5-15.0MSD

Tot Ion	82	Resp	897946
Ion Ratio	100	Lower	Upper
82	100		
128	36.3	26.4	39.6
54	59.4	49.4	74.2

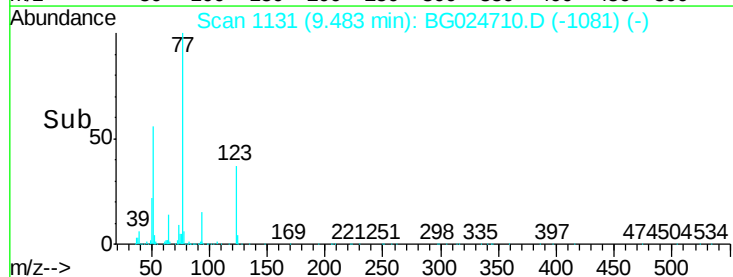
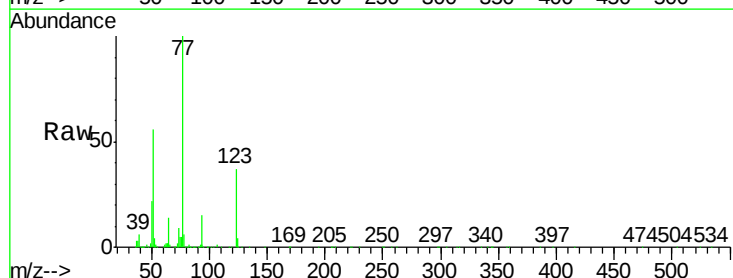
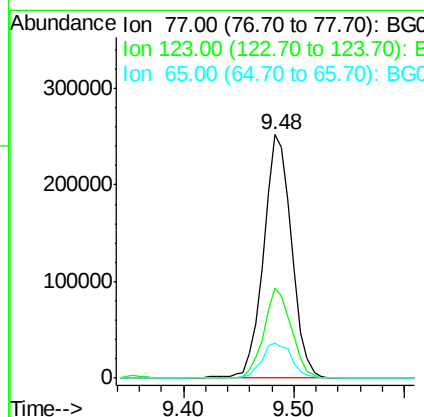
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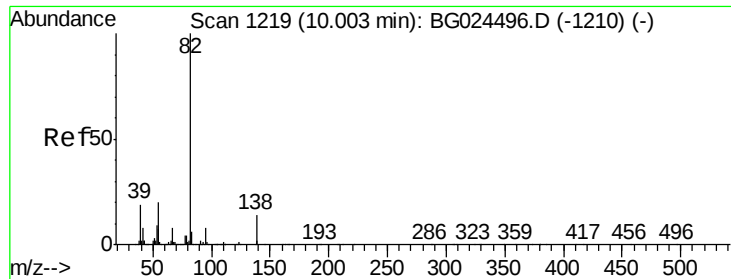
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#24
 Nitrobenzene
 Concen: 51.65 ng
 RT: 9.48 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Tgt Ion	77	Resp	447378
Ion Ratio	100	Lower	Upper
77	100		
123	36.9	26.1	39.1
65	14.5	12.4	18.6





#25

Isophorone

Concen: 54.64 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

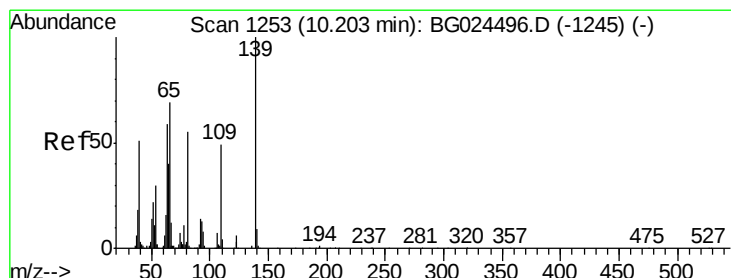
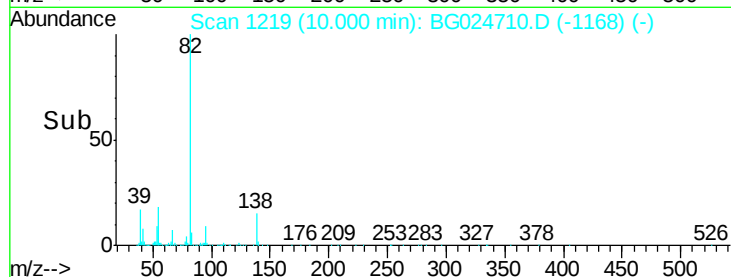
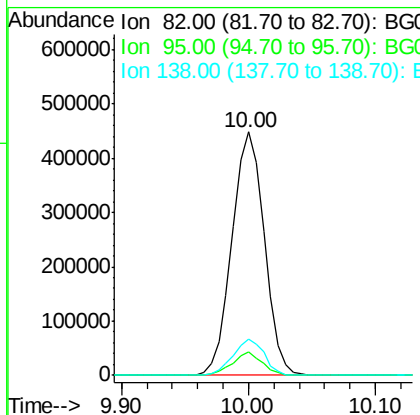
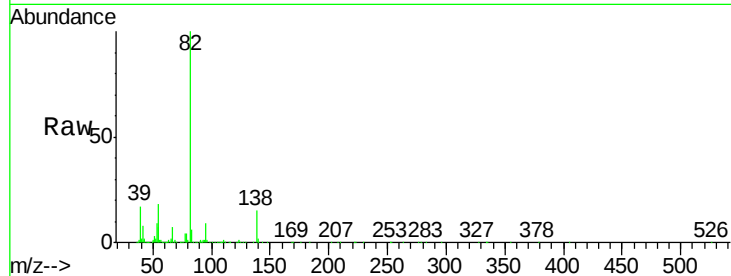
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:	82	Resp:	791333
Ion Ratio		Lower	Upper
82	100		
95	9.5	7.5	11.3
138	14.9	12.3	18.5

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#26

2-Nitrophenol

Concen: 59.07 ng

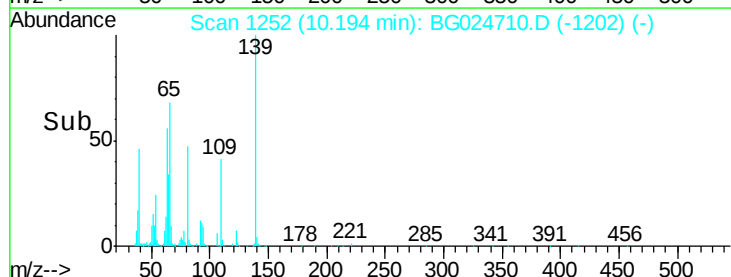
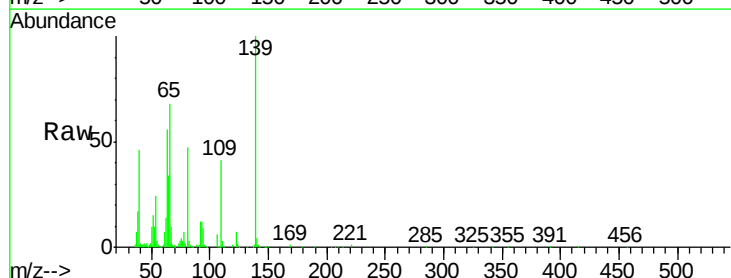
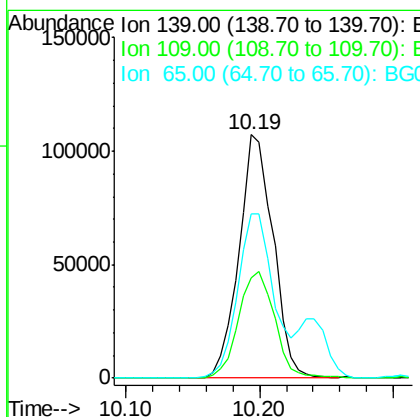
RT: 10.19 min Scan# 1252

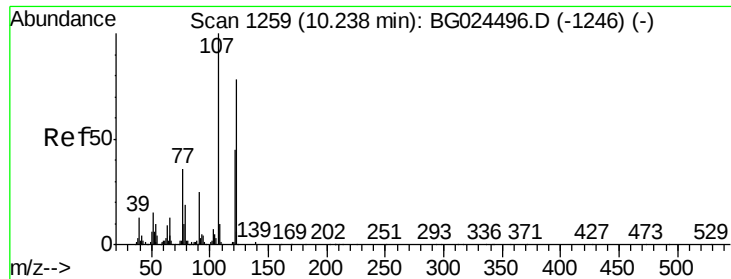
Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion:	139	Resp:	189901
Ion Ratio		Lower	Upper
139	100		
109	41.4	38.6	58.0
65	67.7	57.1	85.7





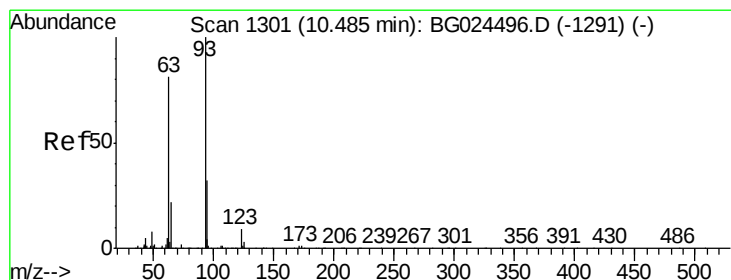
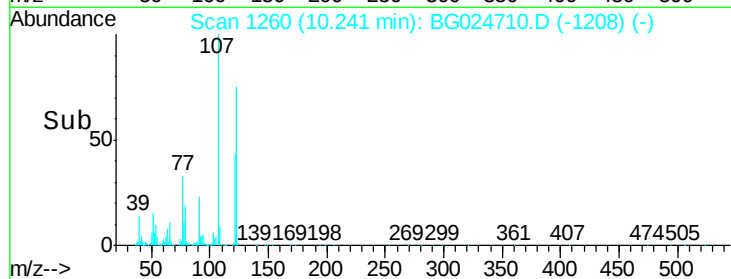
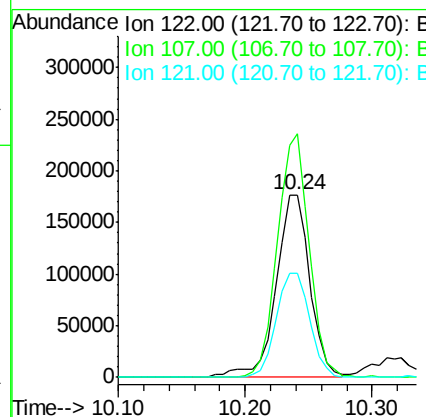
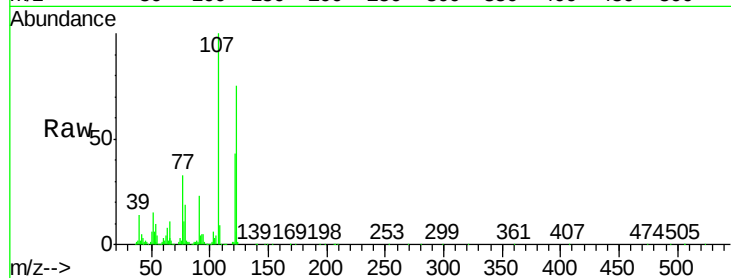
#27
2,4-Dimethylphenol
Concen: 58.04 ng
RT: 10.24 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.4	104.2	156.4
121	57.1	46.0	69.0

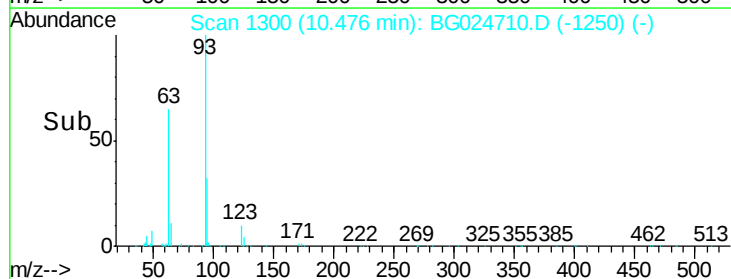
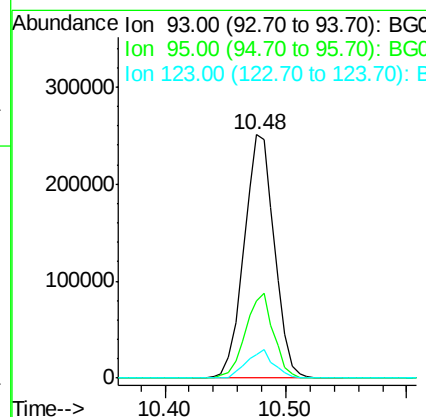
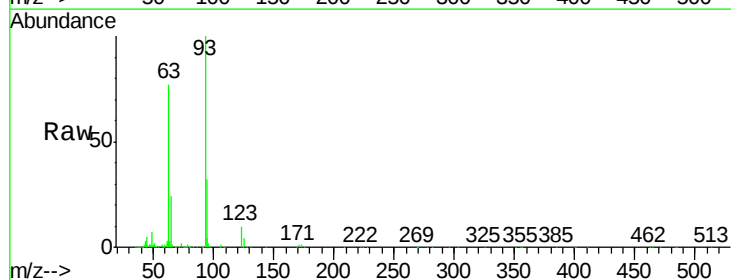
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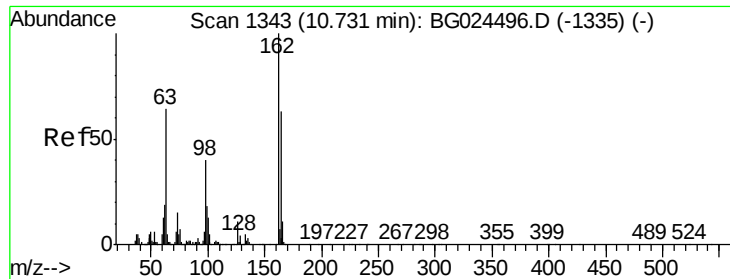
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#28
bis(2-Chloroethoxy)methane
Concen: 58.49 ng
RT: 10.48 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.7	38.5
123	9.6	8.3	12.5





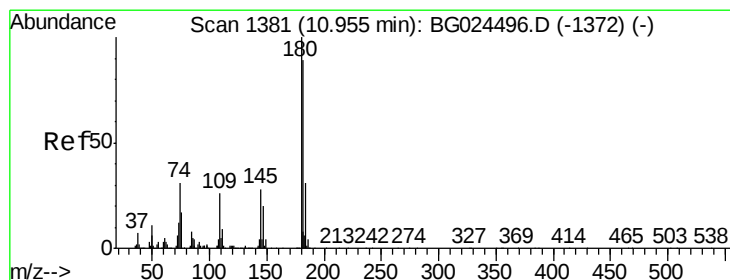
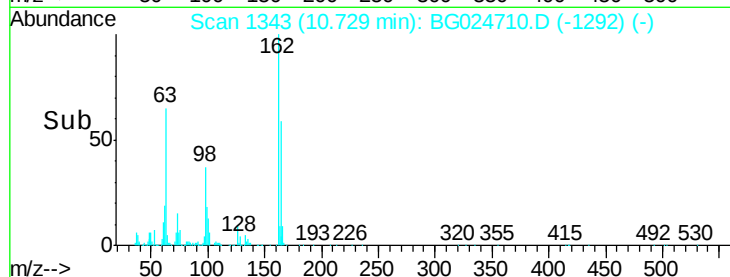
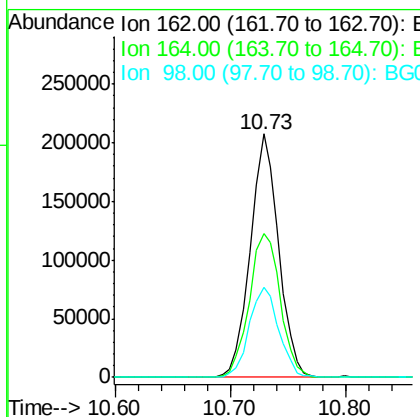
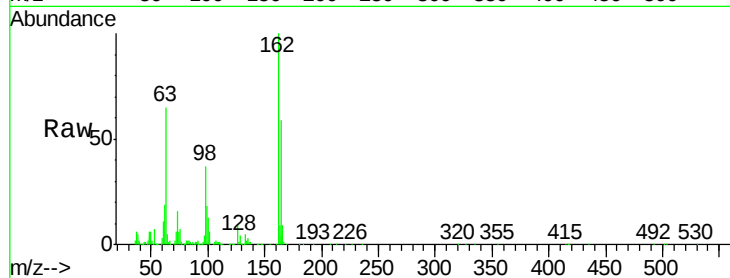
#29
2,4-Dichlorophenol
Concen: 60.07 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.1	42.4	82.4
98	36.8	20.3	60.3

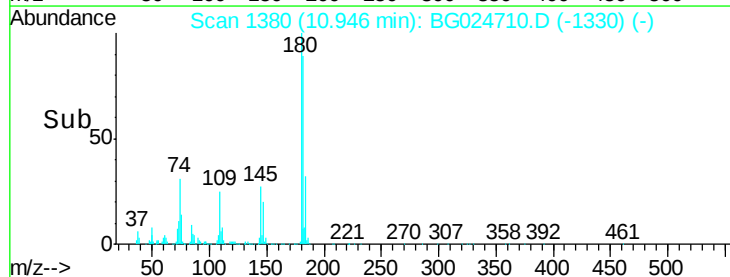
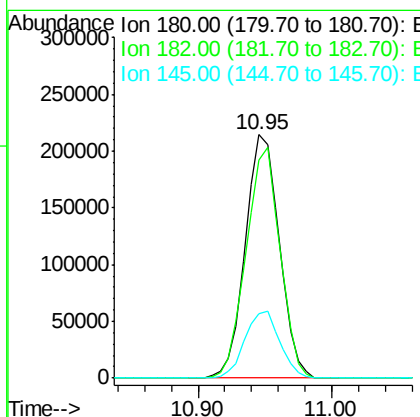
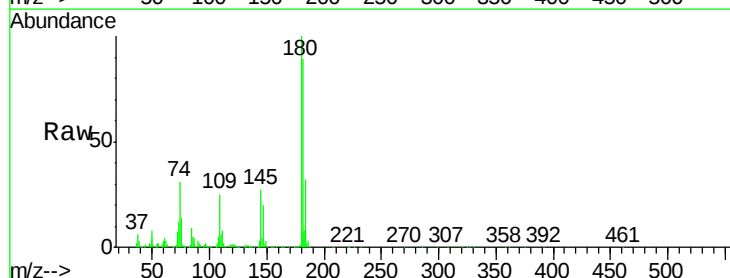
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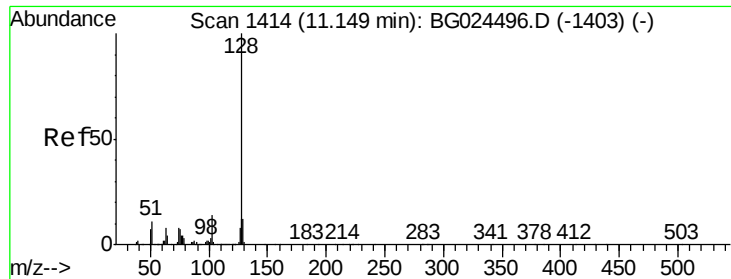
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#30
1,2,4-Trichlorobenzene
Concen: 53.82 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.5	77.0	115.4
145	26.6	23.4	35.0





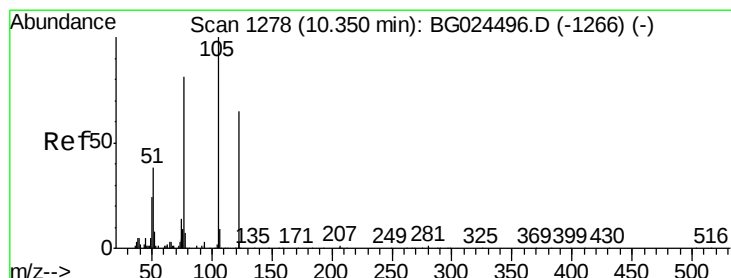
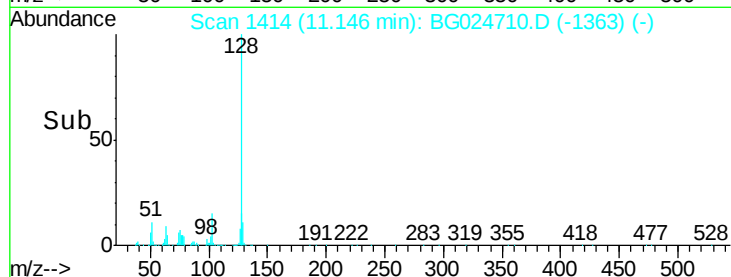
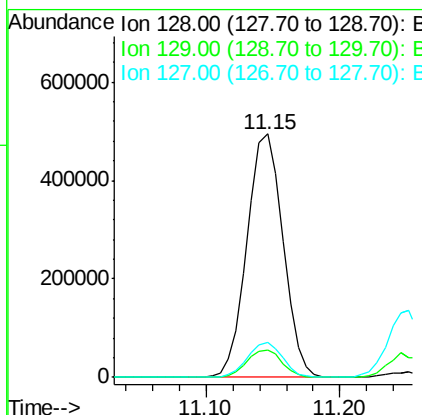
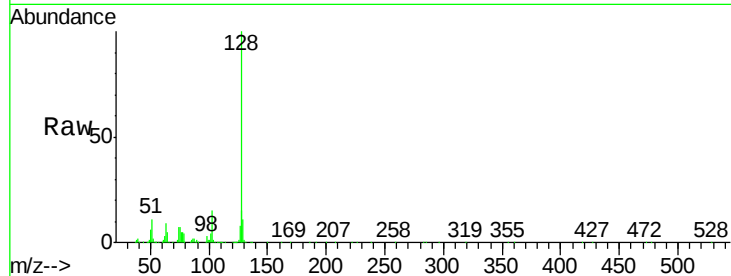
#31
Naphthalene
Concen: 52.09 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	921015		
129	11.0	9.3	13.9	
127	14.5	11.4	17.0	

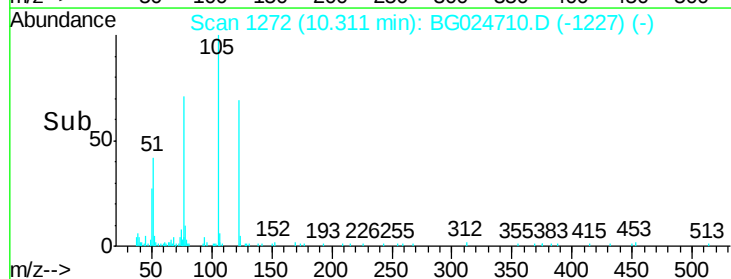
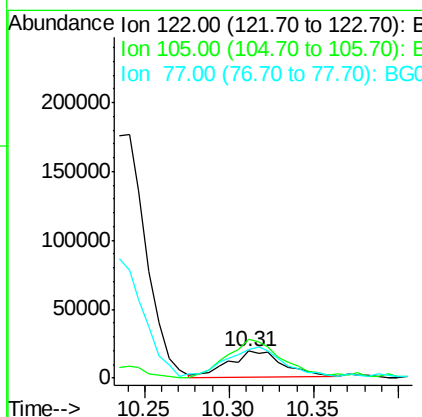
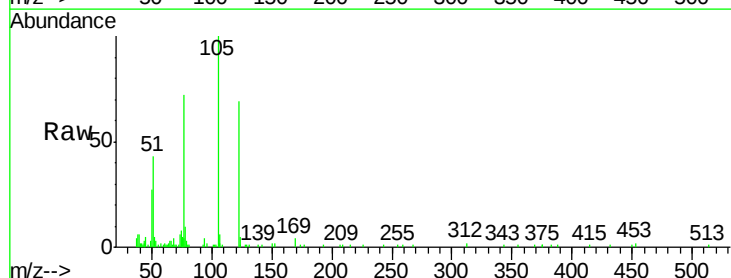
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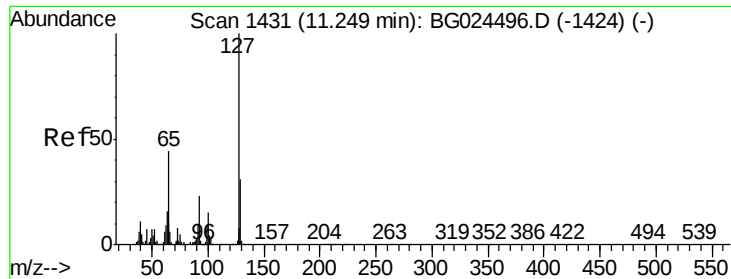
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#32
Benzoic acid
Concen: 8.95 ng
RT: 10.31 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	41963		
105	145.6	120.1	160.1	
77	105.6	104.6	144.6	





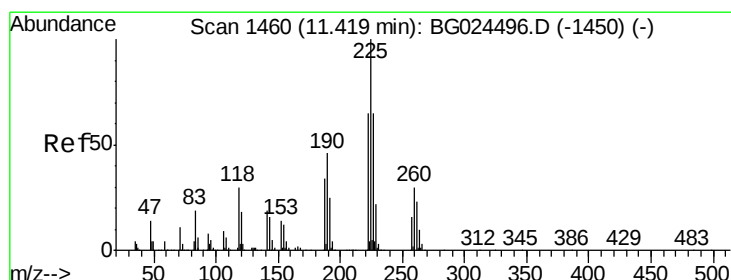
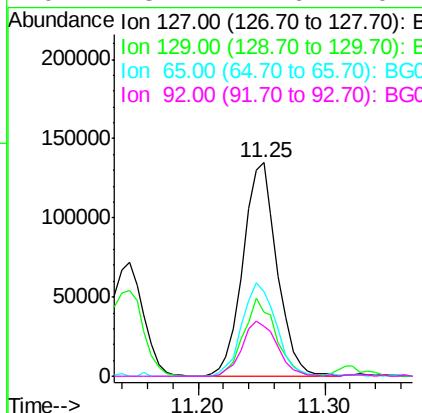
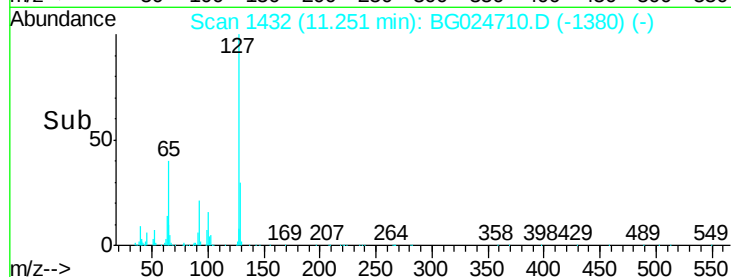
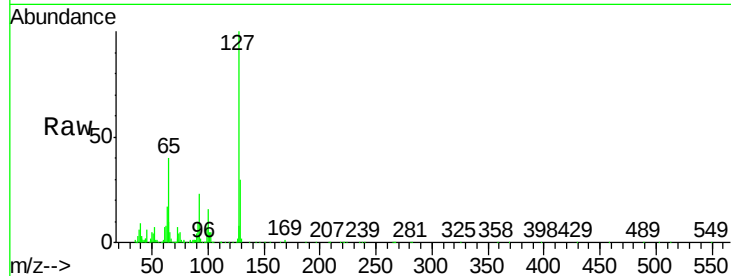
#33
4-Chloroaniline
Concen: 32.92 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.9	23.6	35.4		
65	39.7	37.7	56.5		
92	23.1	17.6	26.4		

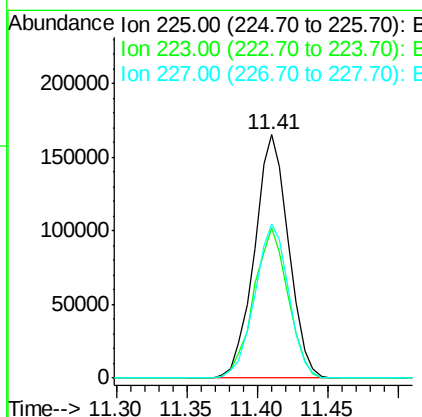
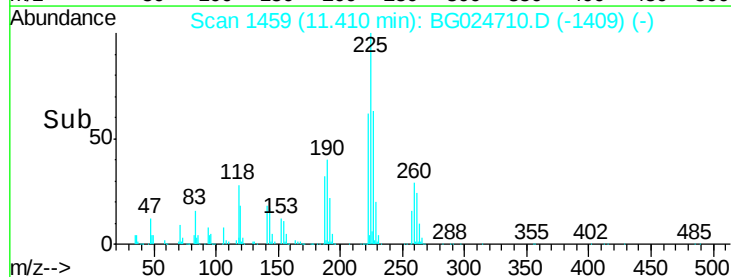
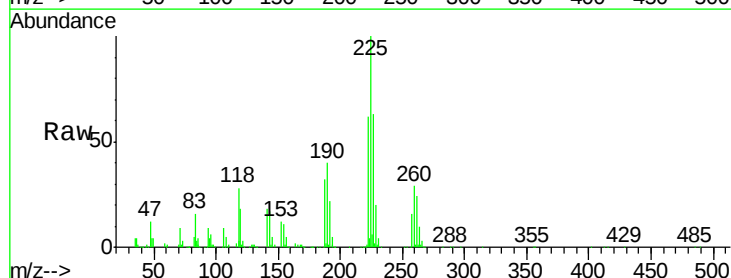
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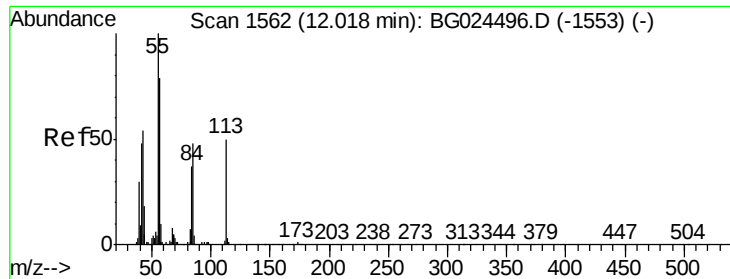
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#34
Hexachlorobutadiene
Concen: 51.02 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	50.7	76.1		
227	63.3	49.0	73.6		





#35

Caprolactam

Concen: 56.98 ng/ml

RT: 12.02 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

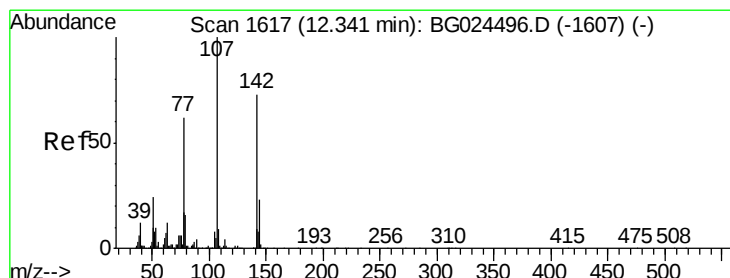
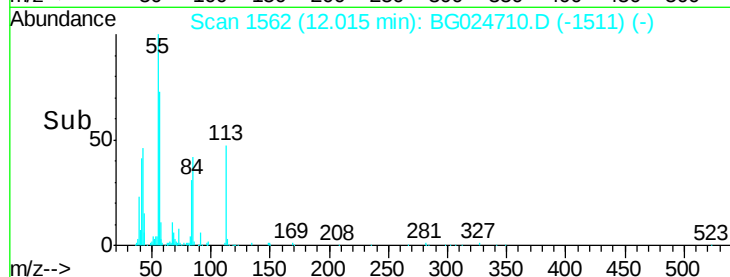
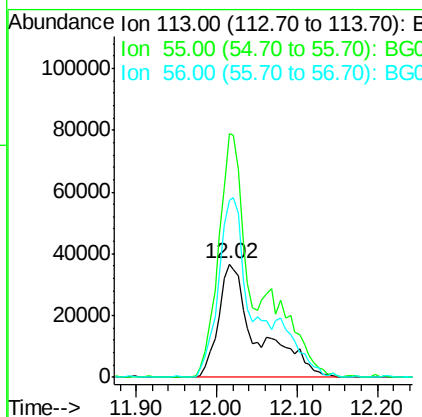
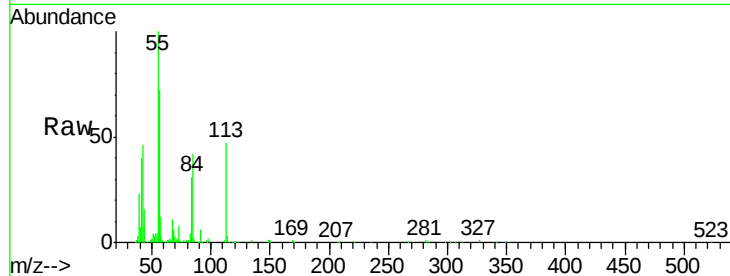
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	214.3		198.6	238.6	
56	155.3		140.4	180.4	

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#36

4-Chloro-3-methylphenol

Concen: 57.00 ng/ml

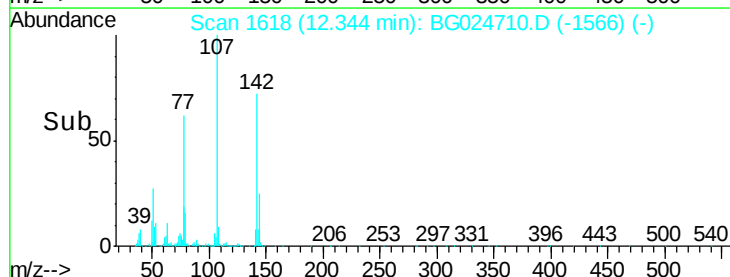
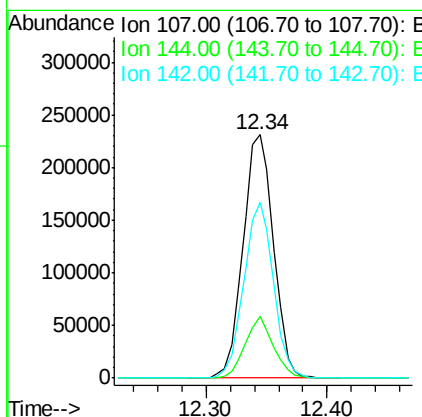
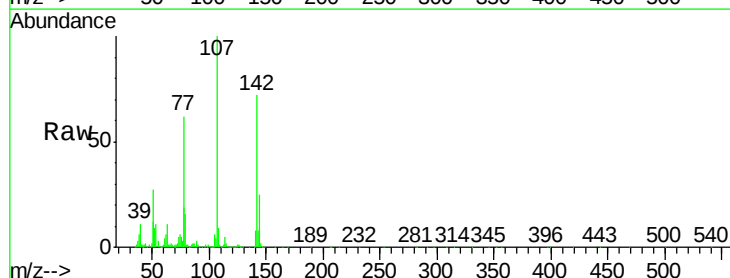
RT: 12.34 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4		17.4	26.0	
142	72.5		54.1	81.1	





#37

2-Methylnaphthalene

Concen: 52.83 ng

RT: 12.73 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

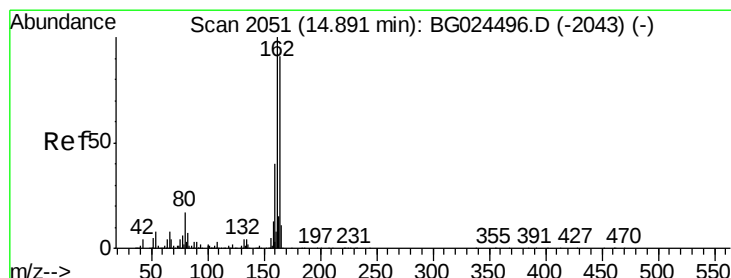
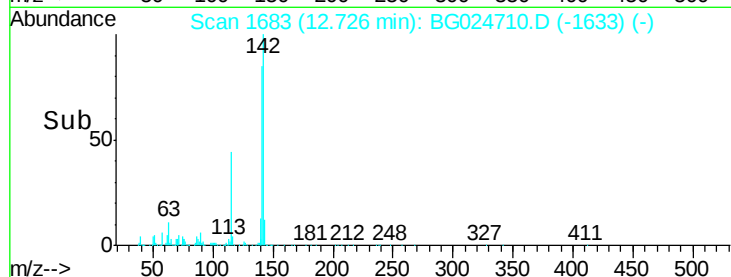
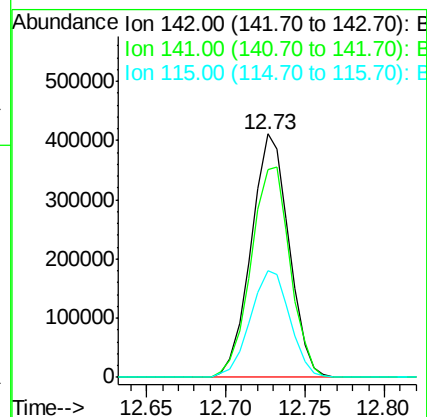
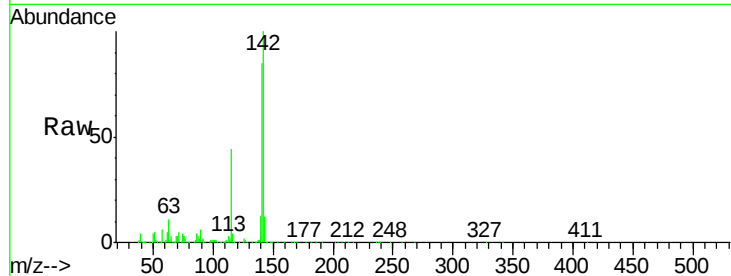
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:	142	Resp:	681628
Ion Ratio	Lower	Upper	
142	100		
141	85.4	70.4	105.6
115	44.0	35.5	53.3

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#38

Acenaphthene-d10

Concen: 20.00 ng

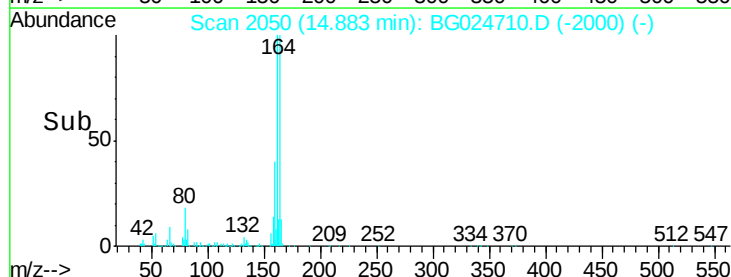
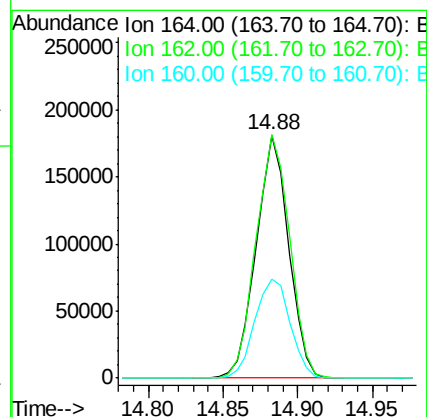
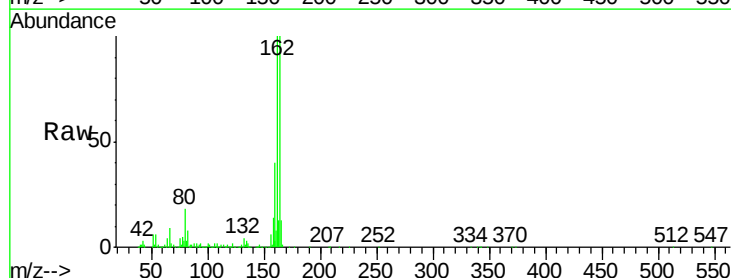
RT: 14.88 min Scan# 2050

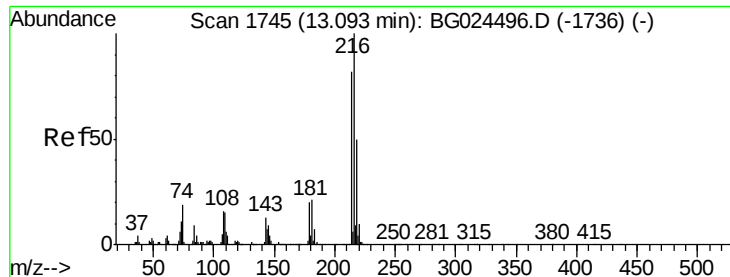
Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion:	164	Resp:	270684
Ion Ratio	Lower	Upper	
164	100		
162	100.4	85.1	127.7
160	40.6	34.7	52.1





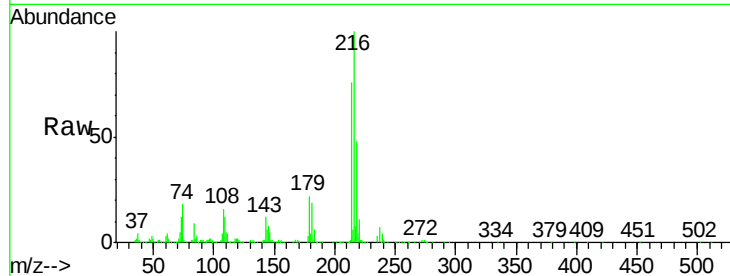
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.76 ng
 RT: 13.08 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-99-14.5-15.0MSD

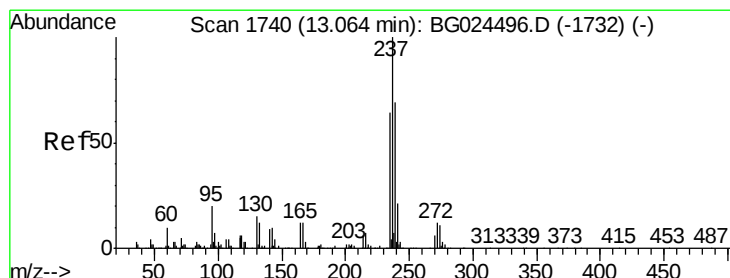
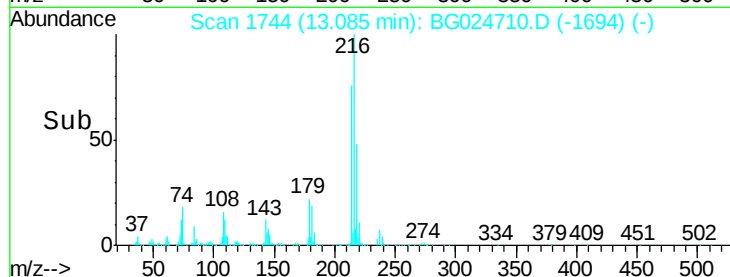
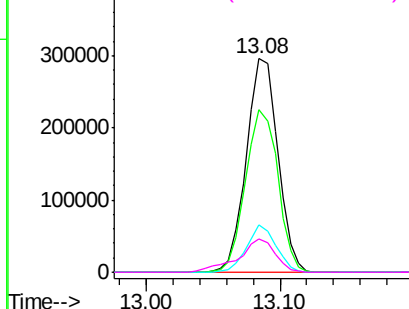
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		481697		
214	78.3	64.4	96.6		
179	20.3	17.4	26.0		
108	18.1	15.6	23.4		

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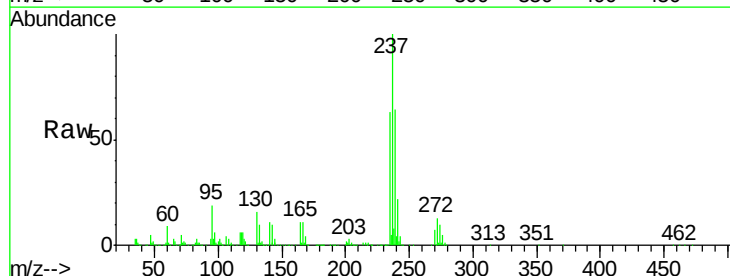


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

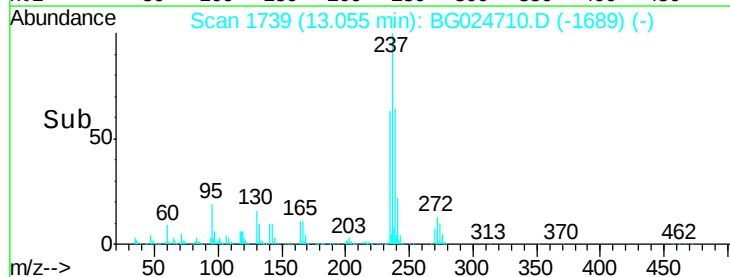
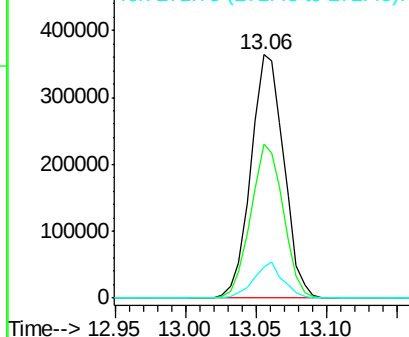


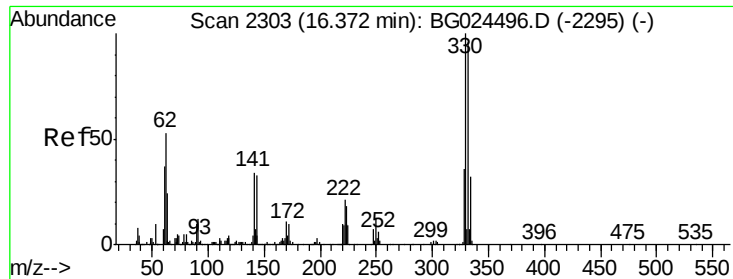
#40
 Hexachlorocyclopentadiene
 Concen: 115.93 ng
 RT: 13.06 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		596055		
235	63.4	39.4	79.4		
272	13.0	0.0	32.0		



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





#41

2,4,6-Tribromophenol

Concen: 183.21 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

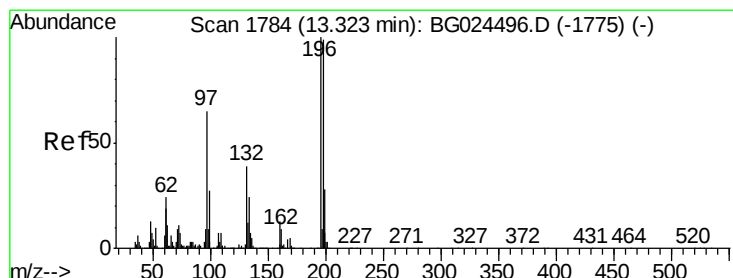
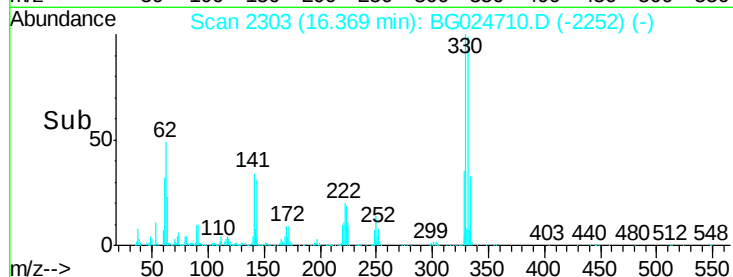
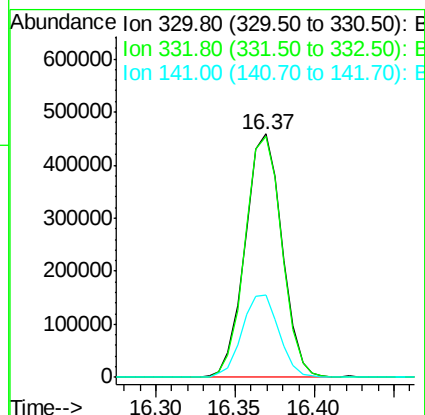
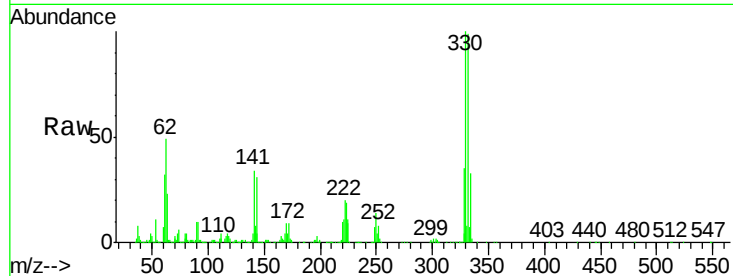
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:	330	Resp:	740893
Ion Ratio	Lower	Upper	
330	100		
332	99.0	77.3	115.9
141	34.1	32.1	48.1

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#42

2,4,6-Trichlorophenol

Concen: 58.20 ng

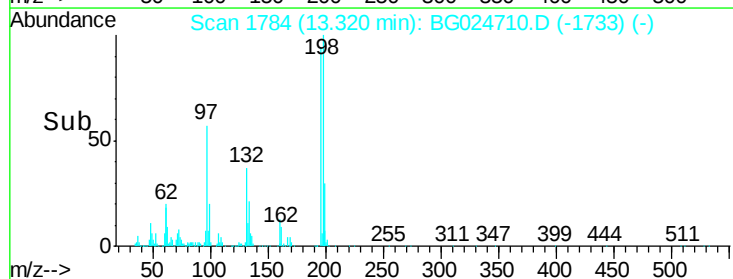
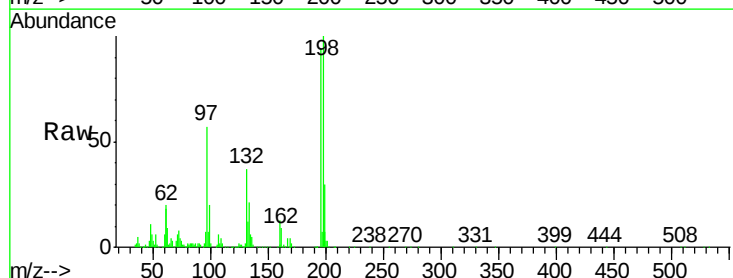
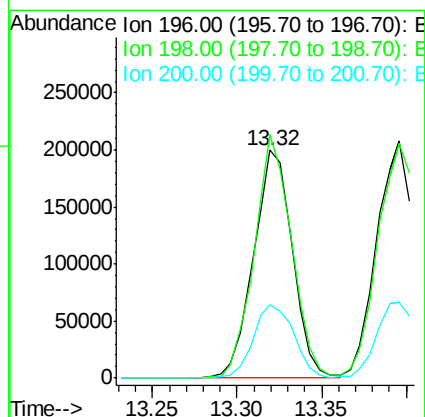
RT: 13.32 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion:	196	Resp:	319407
Ion Ratio	Lower	Upper	
196	100		
198	106.9	81.4	122.2
200	32.1	27.0	40.6





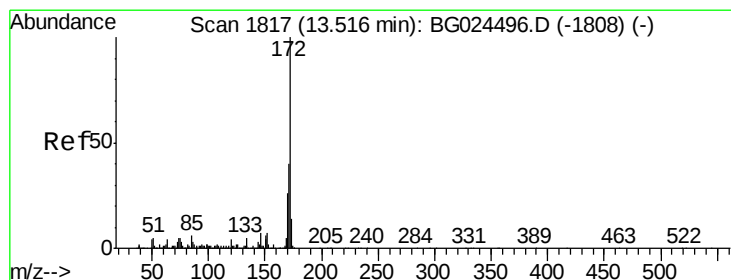
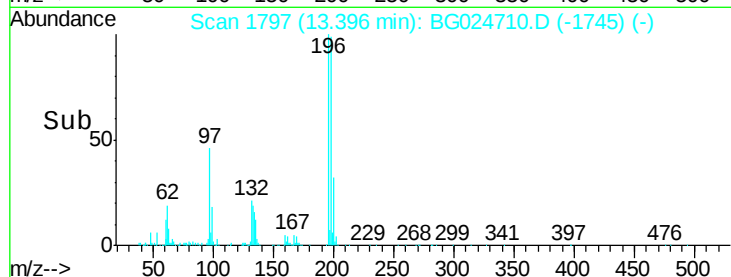
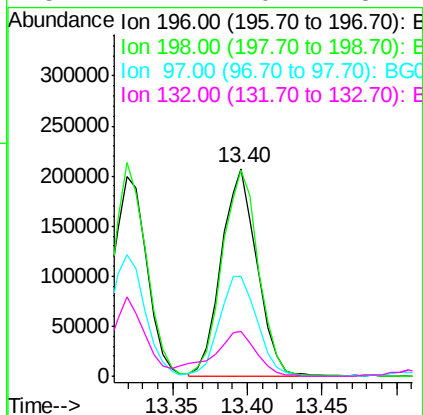
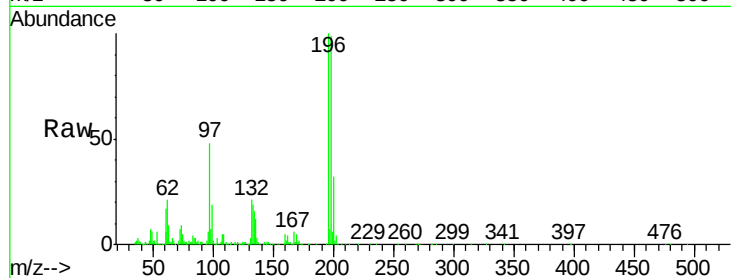
#43
 2,4,5-Trichlorophenol
 Concen: 58.44 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-99-14.5-15.0MSD

Tot Ion	196	Resp	346707
Ion Ratio	Lower	Upper	
196	100		
198	99.0	79.9	119.9
97	48.2	45.4	68.0
132	21.4	20.7	31.1

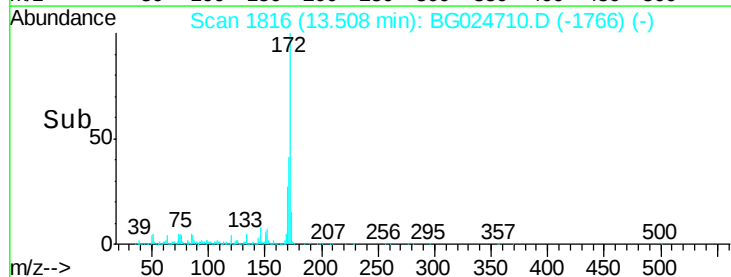
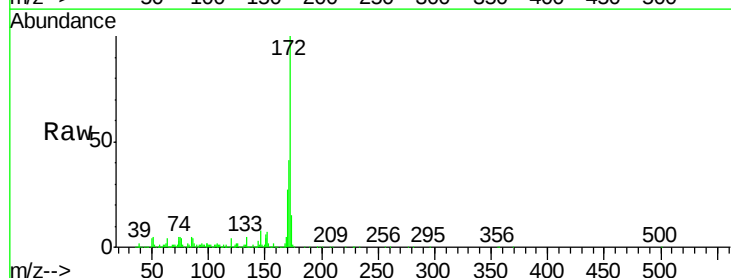
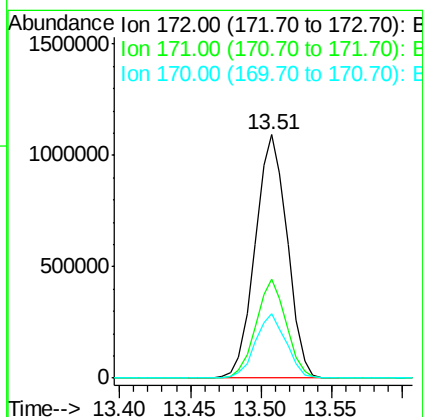
Manual Integrations
 APPROVED

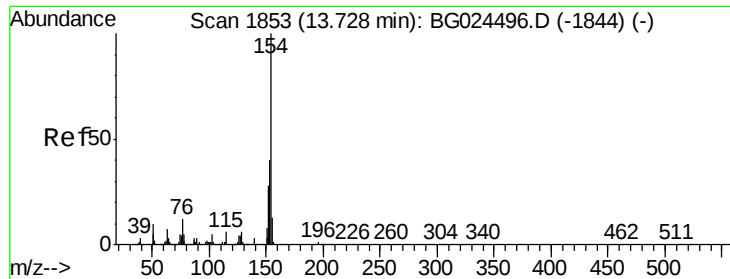
sohil
 11/7/2016 4:37:15 PM



#44
 2-Fluorobiphenyl
 Concen: 106.93 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Tgt Ion	172	Resp	1741434
Ion Ratio	Lower	Upper	
172	100		
171	40.7	32.2	48.2
170	26.6	21.8	32.6





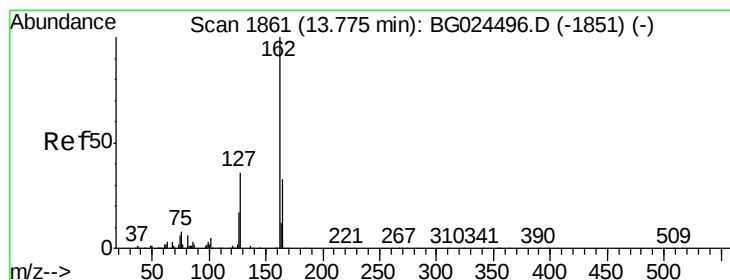
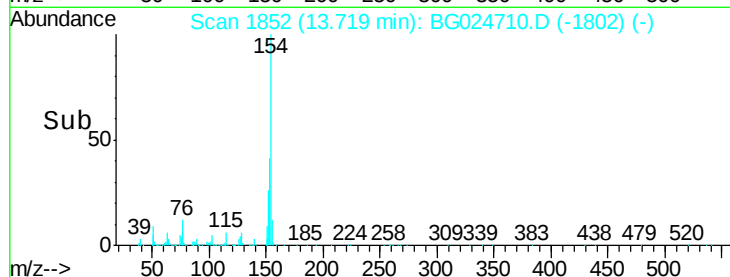
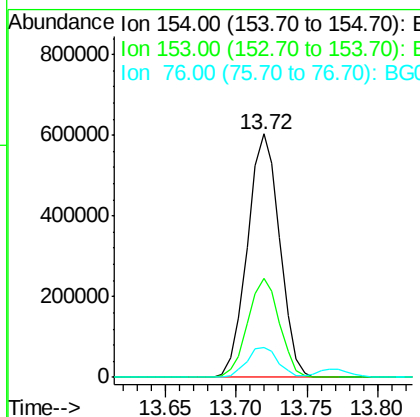
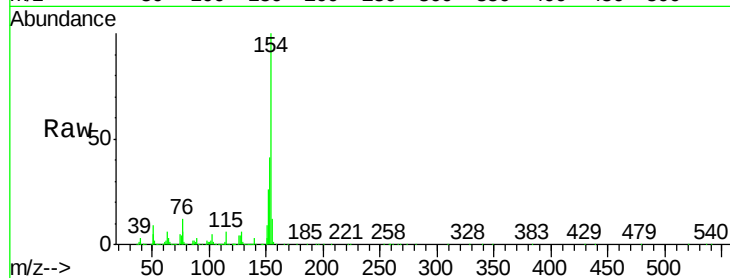
#45
 1,1'-Biphenyl
 Concen: 51.49 ng
 RT: 13.72 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.0	63.0
76	12.4	0.0	33.5

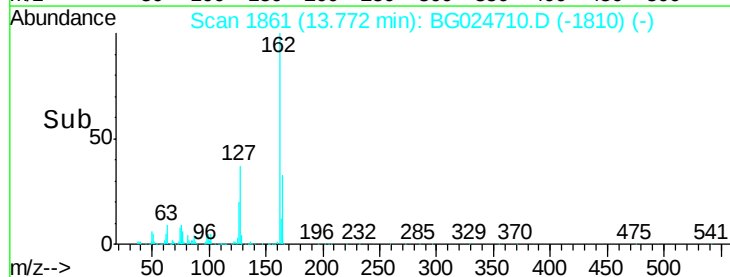
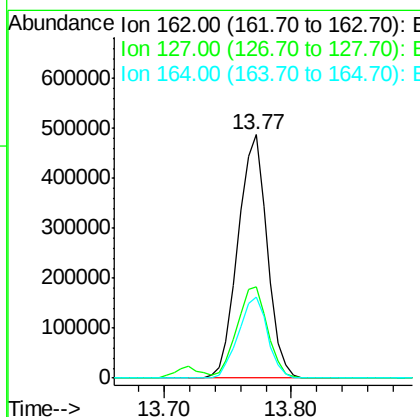
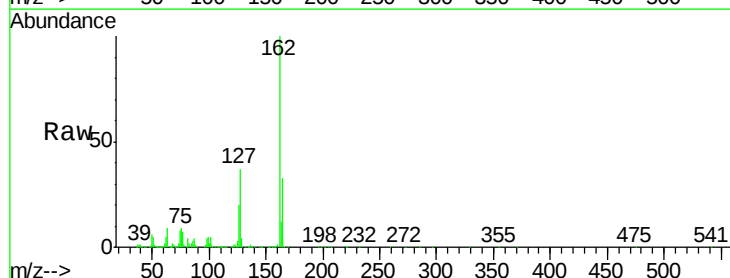
Manual Integrations
 APPROVED

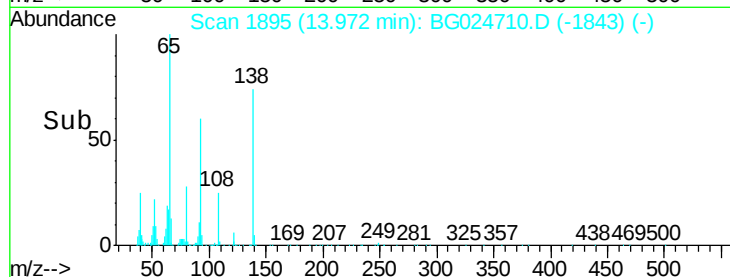
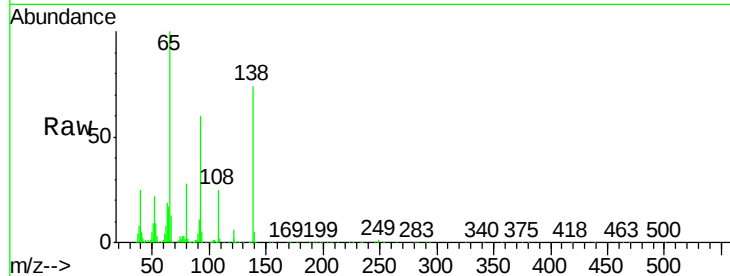
sohil
 11/7/2016 4:37:15 PM



#46
 2-Chloronaphthalene
 Concen: 54.15 ng
 RT: 13.77 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	32.2	48.4
164	33.4	27.3	40.9





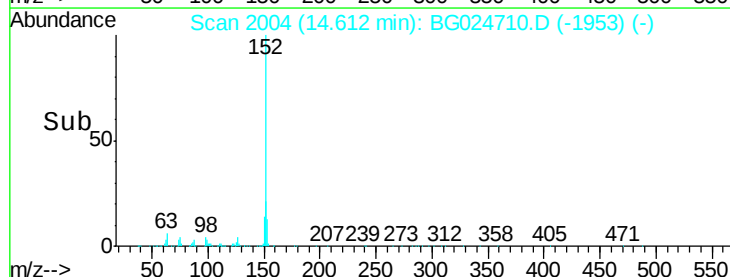
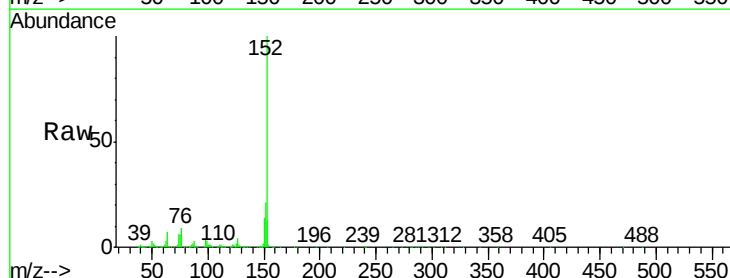
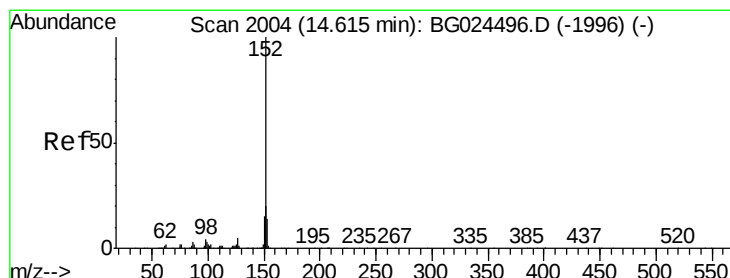
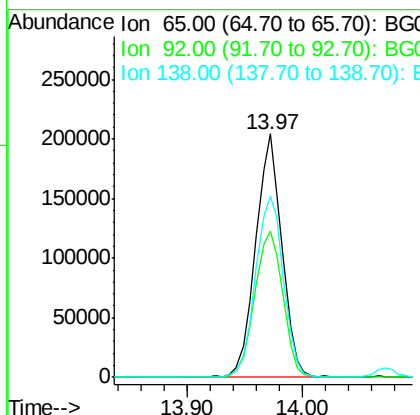
#47
2-Nitroaniline
Concen: 55.40 ng
RT: 13.97 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.4	49.0	73.4
138	74.2	58.6	87.8

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

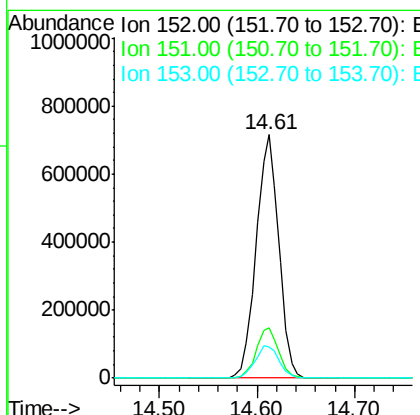
Manual Integrations
APPROVED

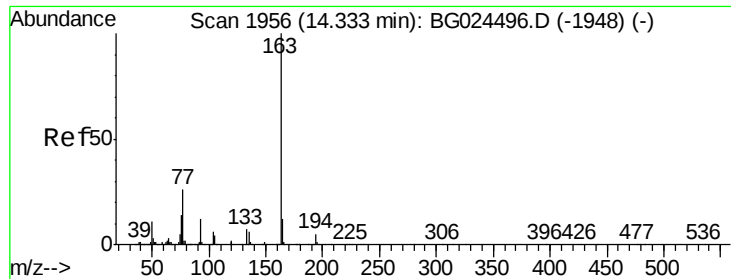
sohil
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#48
Acenaphthylene
Concen: 53.24 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	18.2	27.2
153	12.8	11.3	16.9





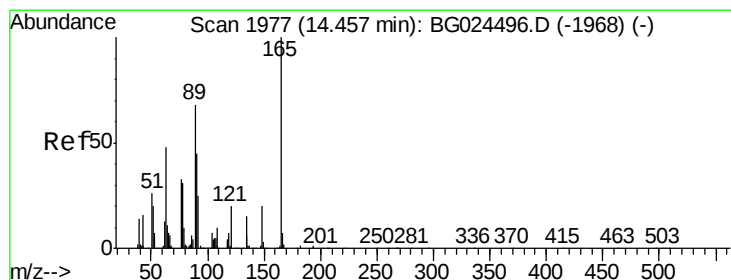
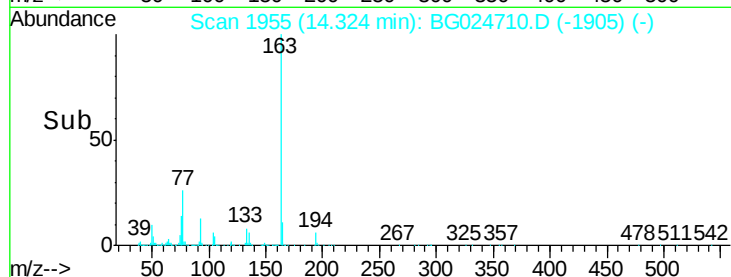
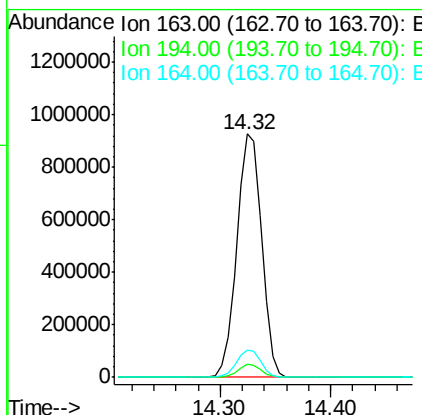
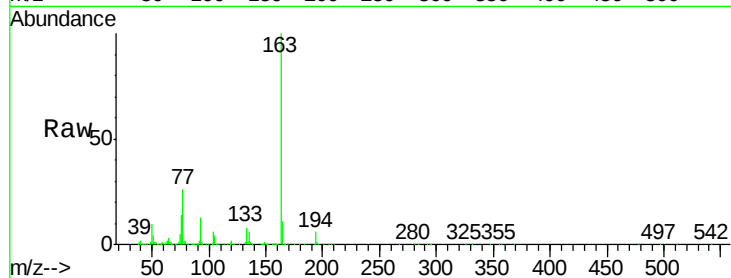
#49
Dimethylphthalate
Concen: 76.15 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.8	5.6
164	11.1	9.3	13.9

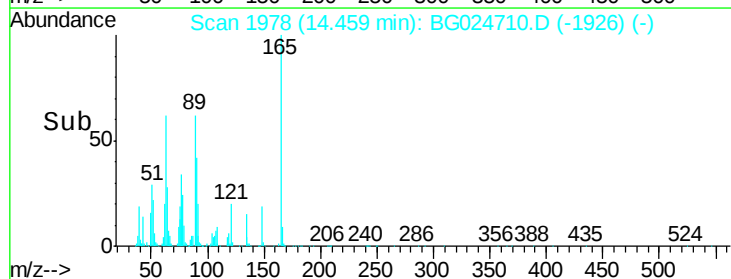
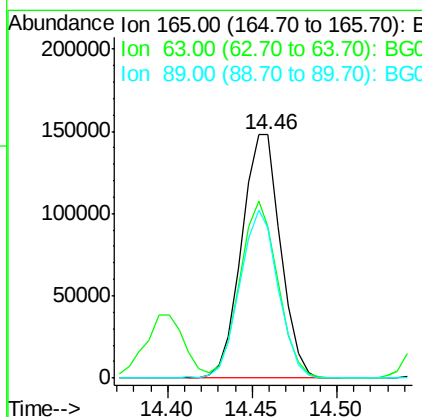
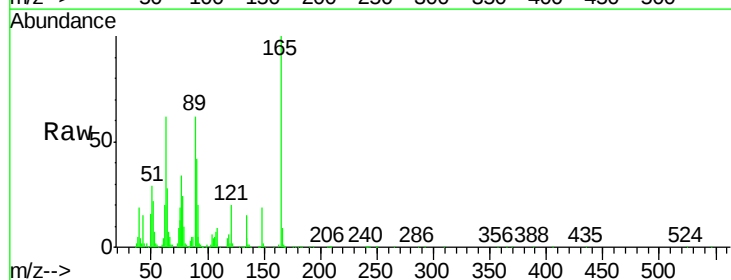
Manual Integrations
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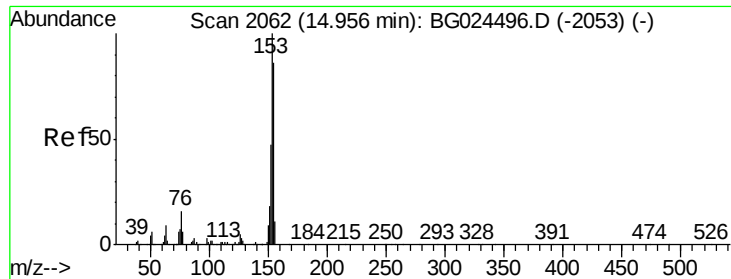
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#50
2,6-Dinitrotoluene
Concen: 57.73 ng
RT: 14.46 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.2	63.9	95.9#
89	61.9	58.6	88.0





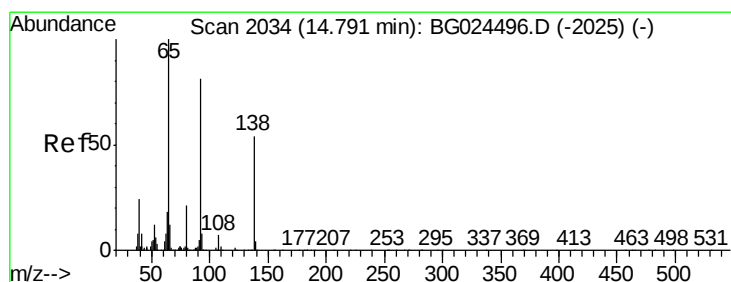
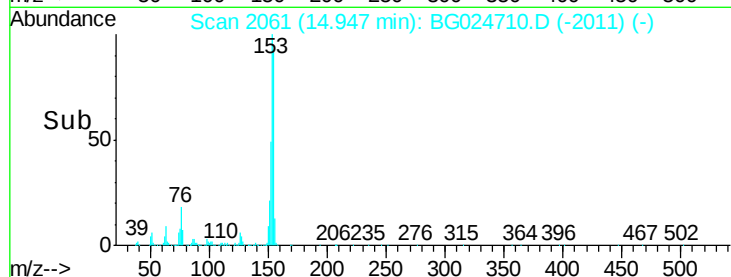
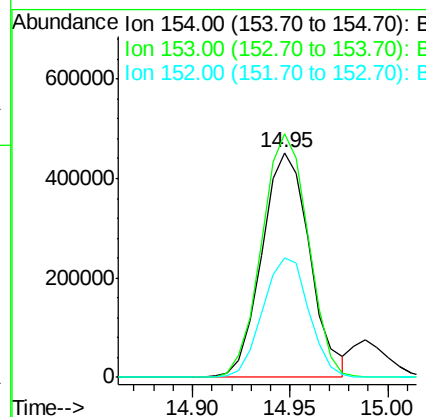
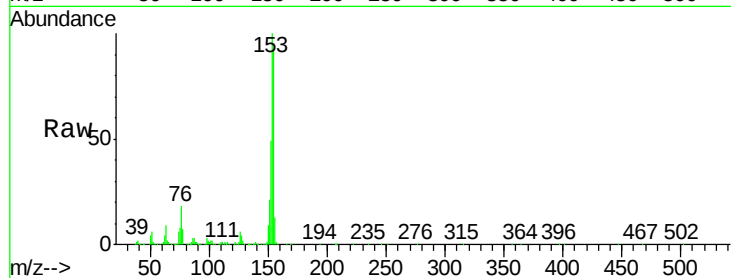
#51
Acenaphthene
Concen: 46.84 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	108.5	87.8	131.6
152	53.4	42.2	63.4

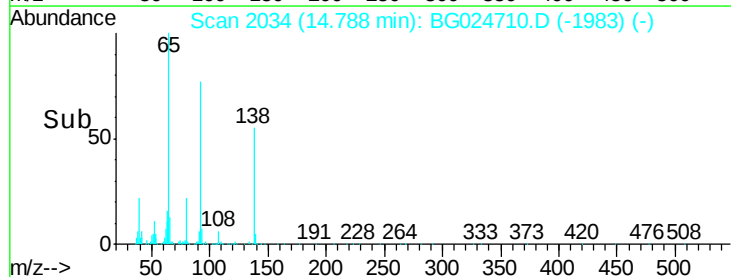
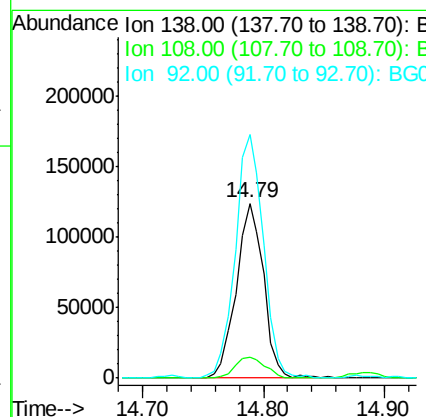
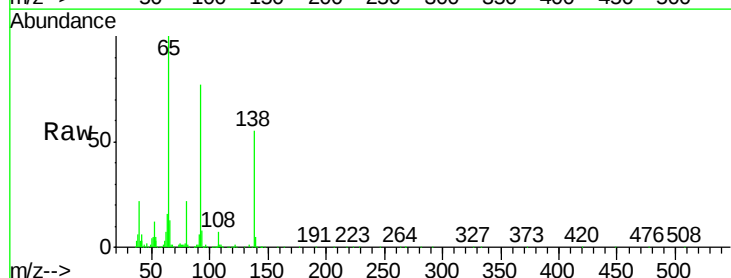
Manual Integrations
APPROVED

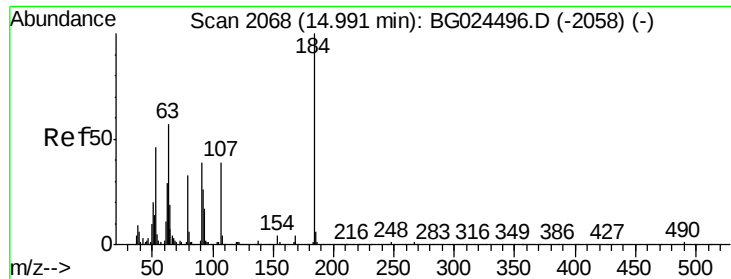
sohil
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#52
3-Nitroaniline
Concen: 46.17 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.8	10.9	16.3
92	139.4	115.3	172.9





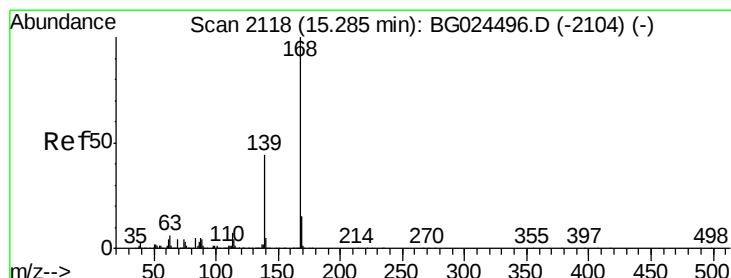
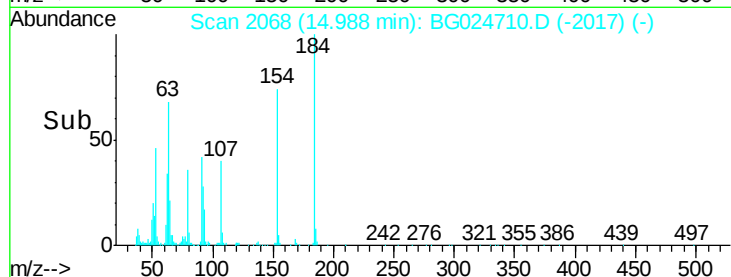
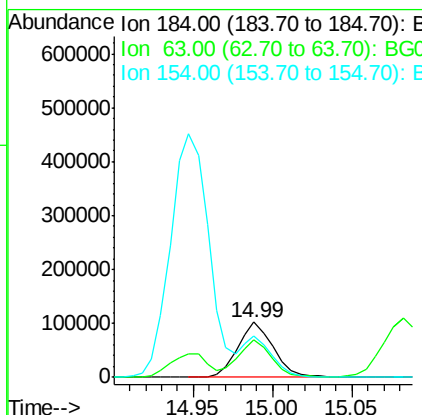
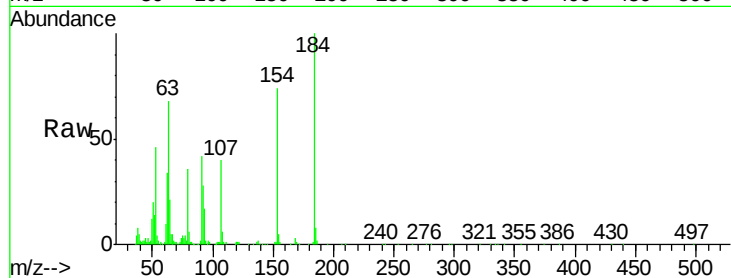
#53
2,4-Dinitrophenol
Concen: 53.36 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.1	52.7	79.1
154	74.2	57.3	85.9

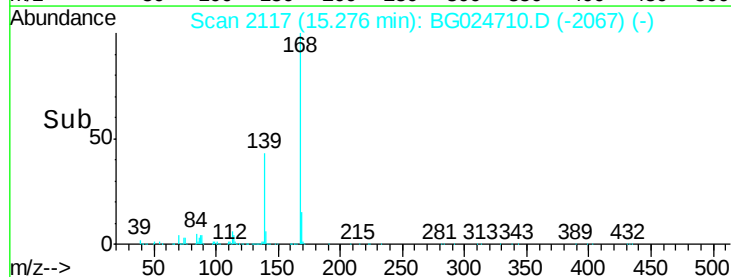
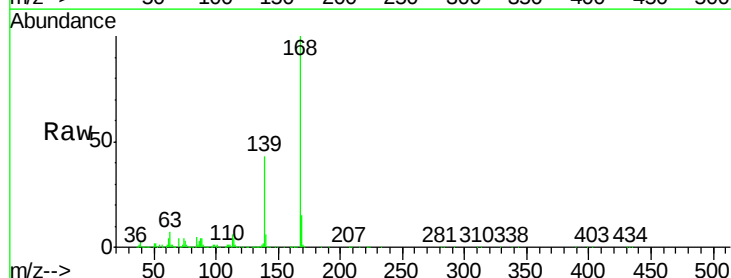
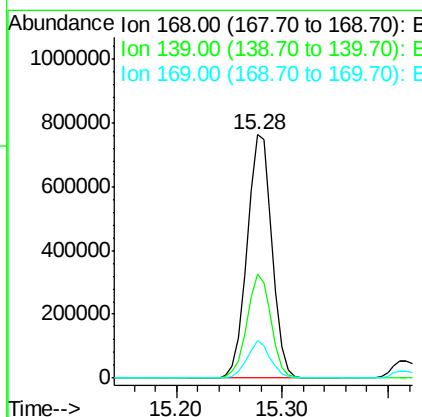
Manual Integrations
APPROVED

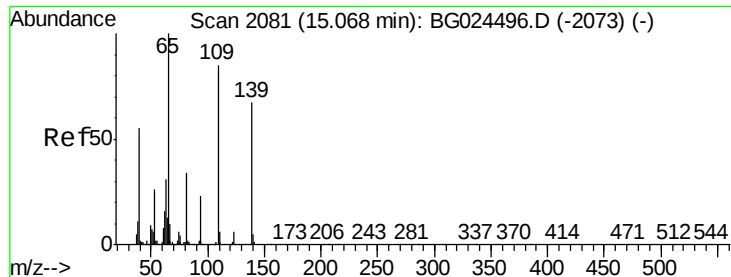
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#54
Dibenzofuran
Concen: 55.21 ng
RT: 15.28 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.8	35.3	52.9
169	15.4	11.5	17.3





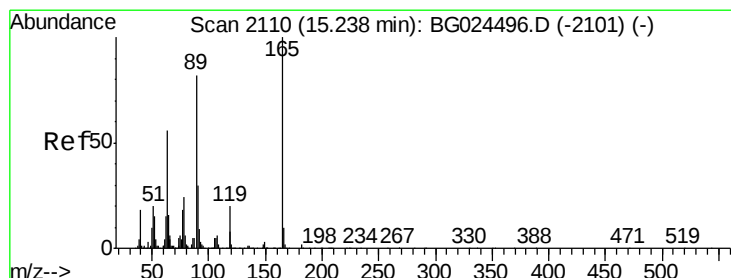
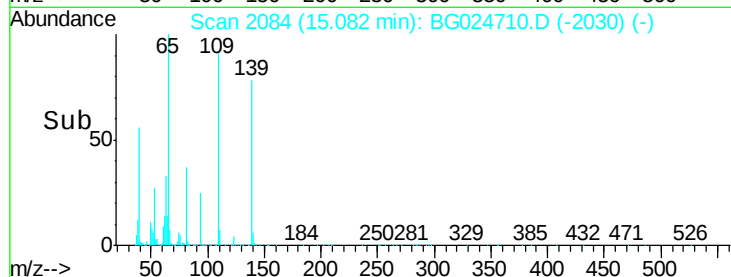
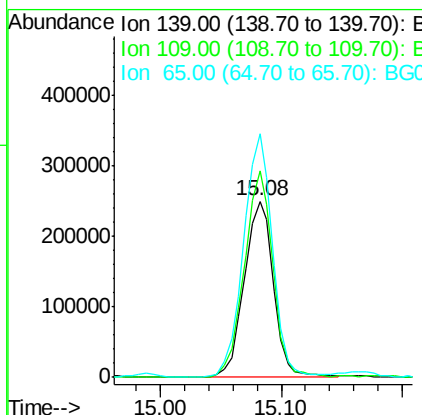
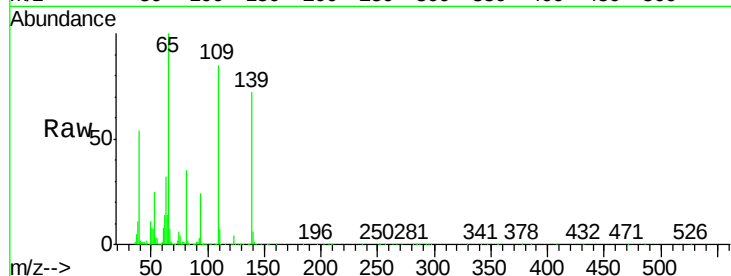
#55
4-Nitrophenol
Concen: 114.33 ng
RT: 15.08 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	117.0	101.2	141.2
65	138.2	135.3	175.3

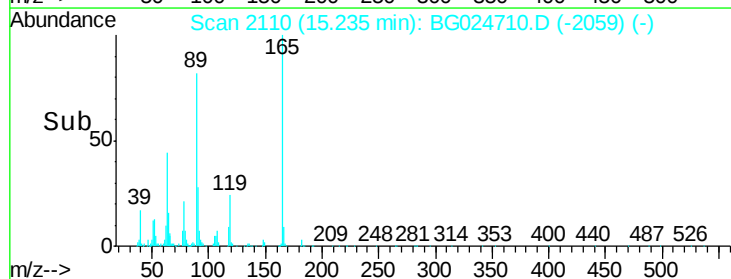
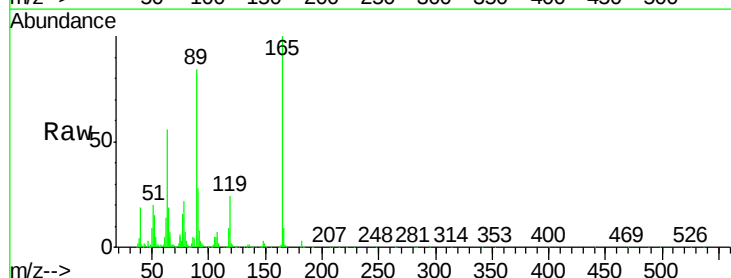
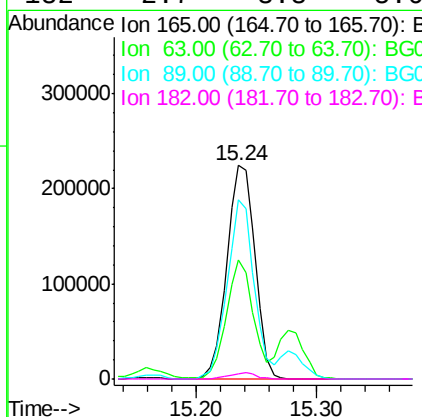
Manual Integrations
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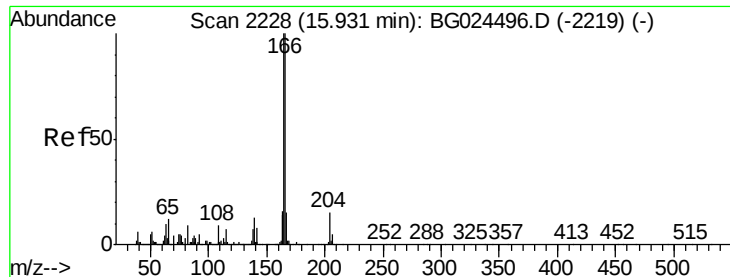
sohil
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#56
2,4-Dinitrotoluene
Concen: 60.85 ng
RT: 15.24 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.6	44.0	66.0
89	83.7	67.3	100.9
182	2.7	3.8	5.6#





#57

Fluorene

Concen: 53.62 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:166 Resp: 1005239

Ion Ratio Lower Upper

166 100

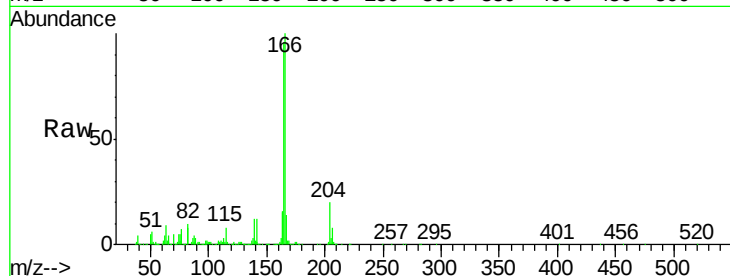
165 96.1 78.6 117.8

167 14.0 11.6 17.4

Manual Integrations
APPROVED

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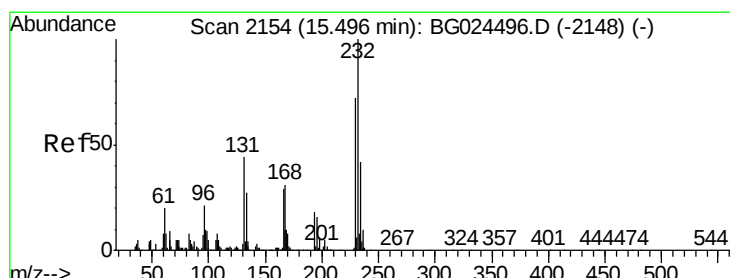
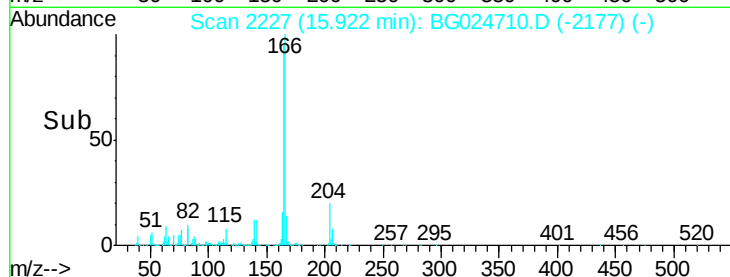
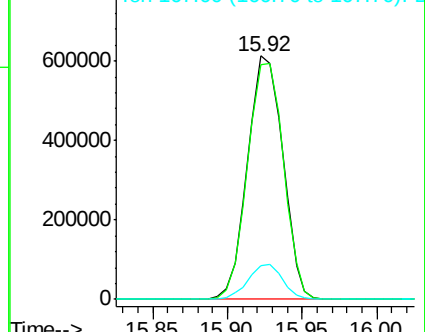


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.58 ng m

RT: 15.50 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion:232 Resp: 378825

Ion Ratio Lower Upper

232 100

131 33.9 34.9 52.3#

130 2.4 2.3 3.5

166 22.7 24.2 36.4#

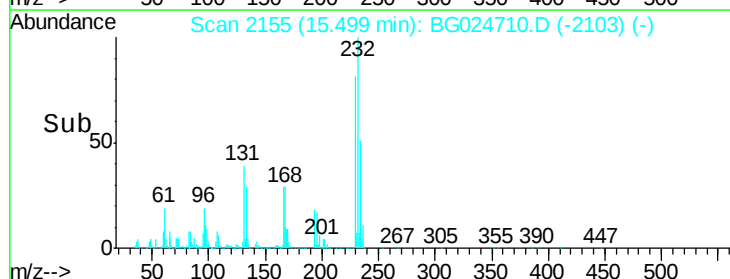
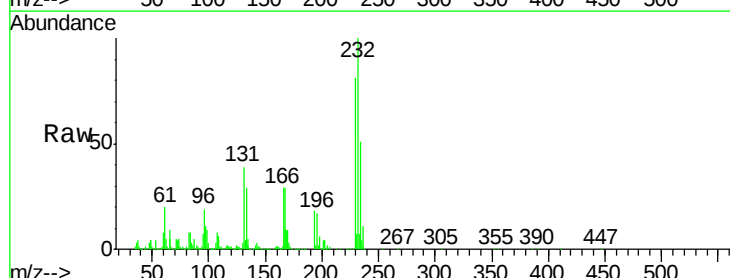
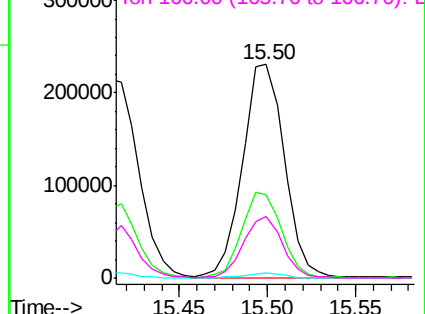
Abundance

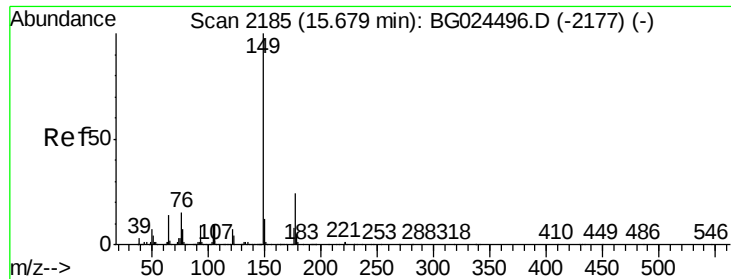
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





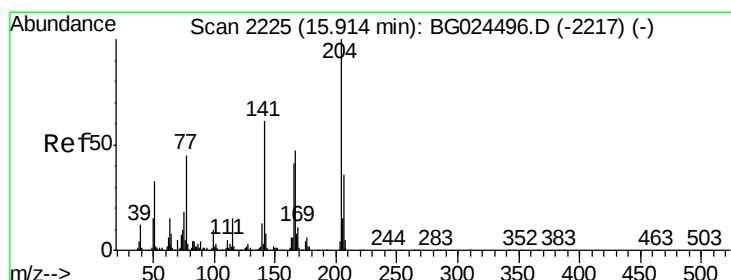
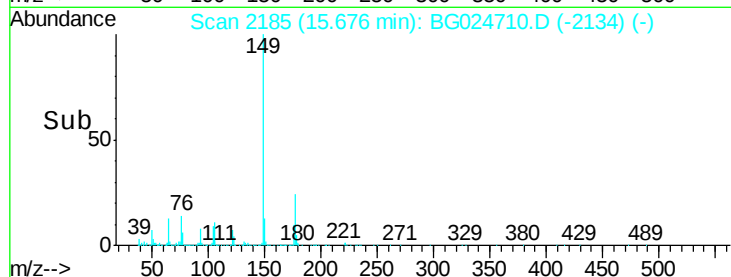
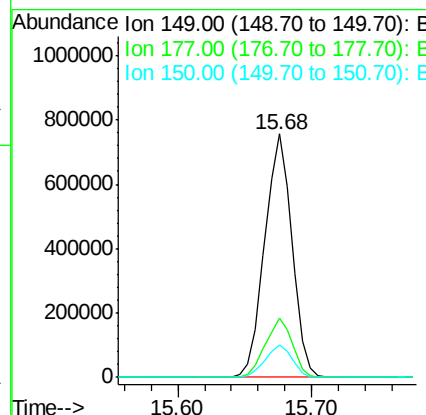
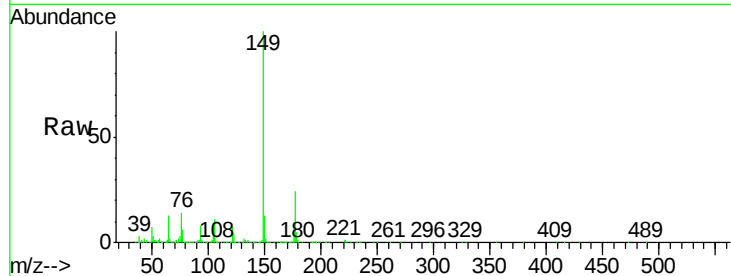
#59
Diethylphthalate
Concen: 52.90 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.1	30.1
150	13.3	10.2	15.2

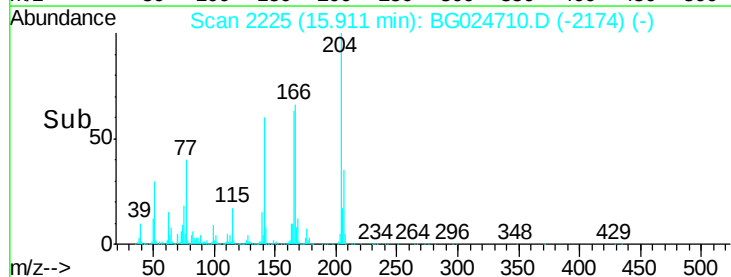
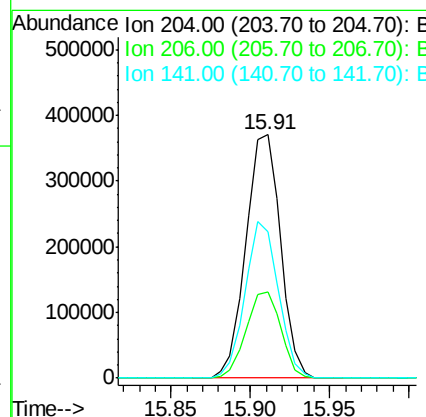
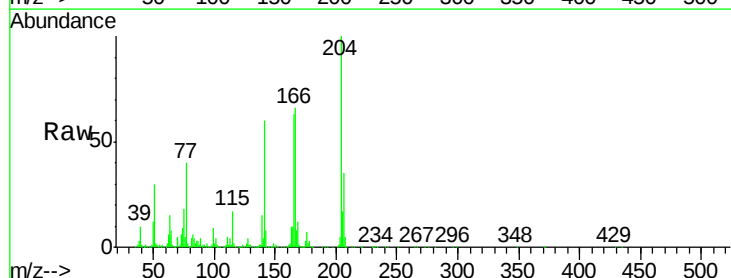
Manual Integrations
APPROVED

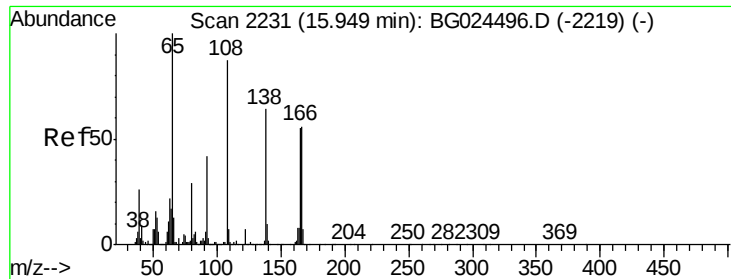
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 53.48 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.2	30.1	45.1
141	60.0	50.6	76.0





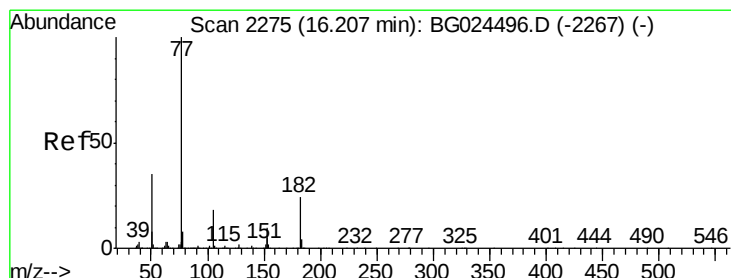
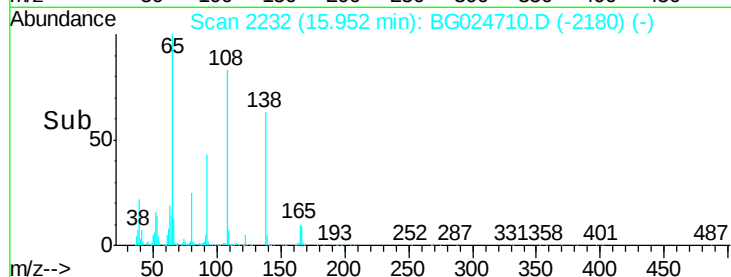
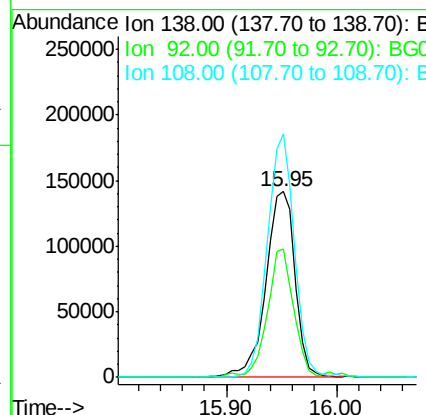
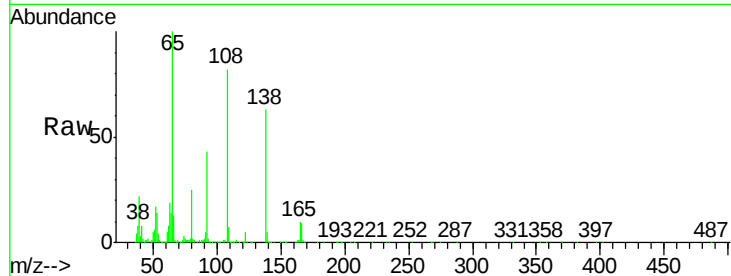
#61
4-Nitroaniline
Concen: 56.81 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	68.8	44.2	84.2
108	130.9	104.8	144.8

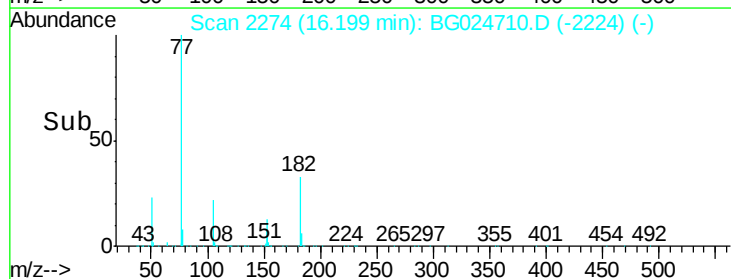
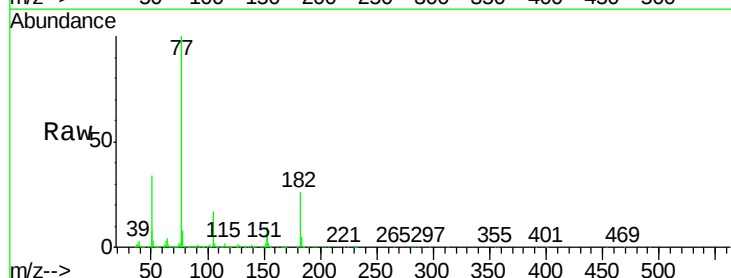
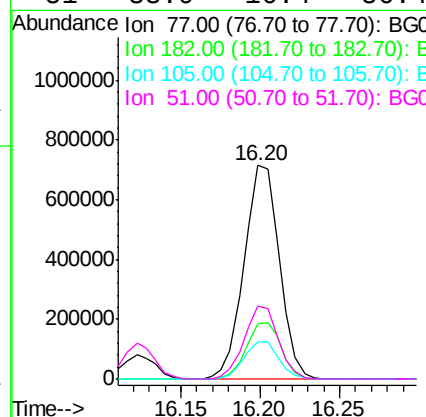
Manual Integrations
APPROVED

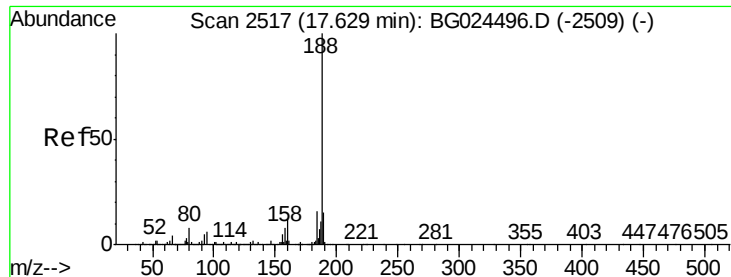
sohil
11/7/2016 4:37:15 PM



#62
Azobenzene
Concen: 54.84 ng
RT: 16.20 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.7	44.7
105	17.2	0.0	36.3
51	33.9	16.4	56.4





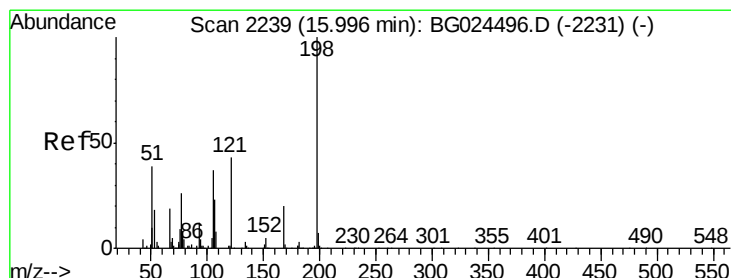
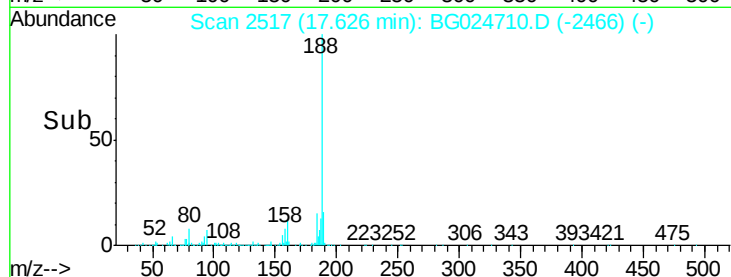
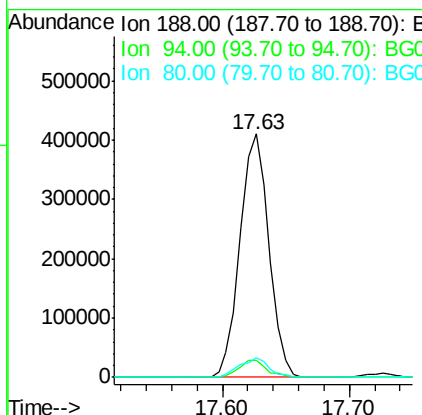
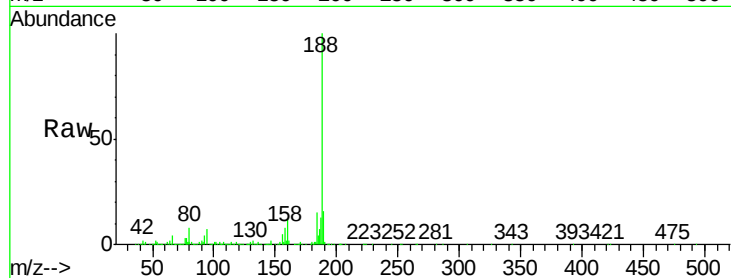
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	648424		
94	6.7		5.8	8.8
80	8.1		7.5	11.3

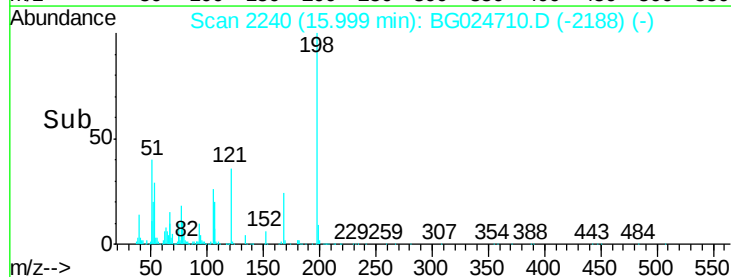
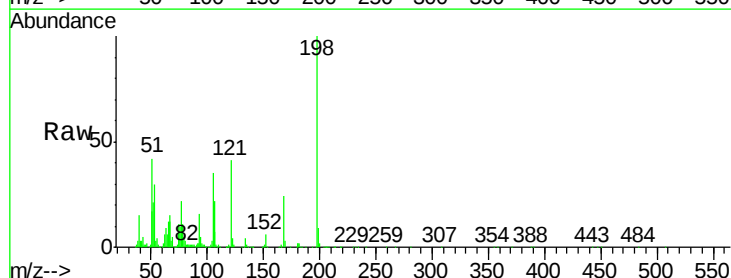
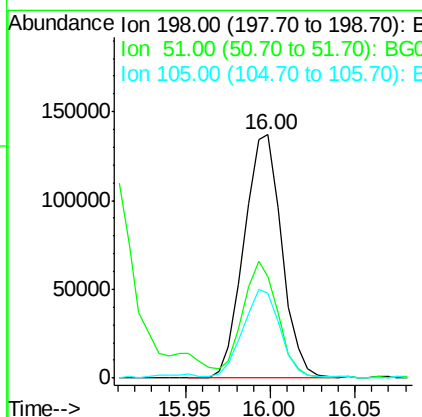
Manual Integrations
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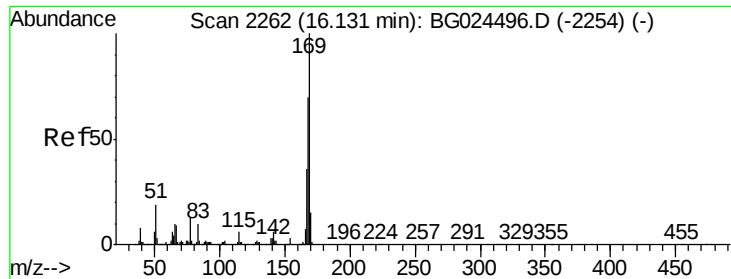
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.87 ng
RT: 16.00 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	213840		
51	41.9		22.6	62.6
105	35.1		14.4	54.4





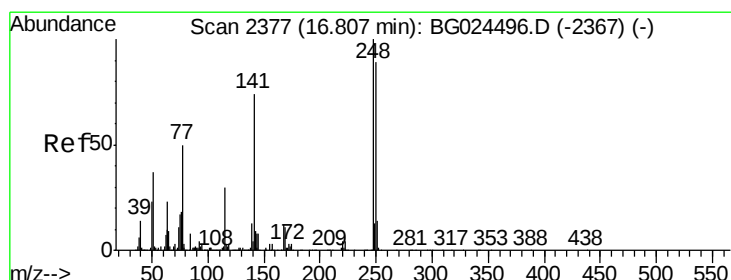
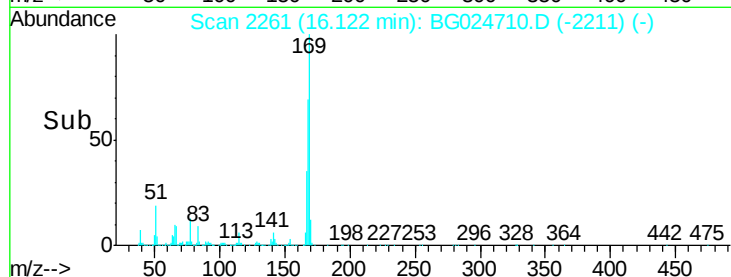
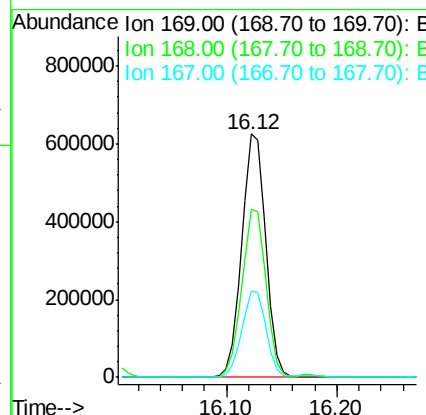
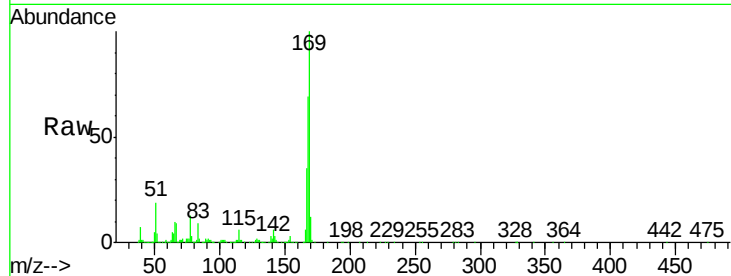
#65
n-Nitrosodiphenylamine
Concen: 53.97 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.7	83.5
167	35.2	29.8	44.6

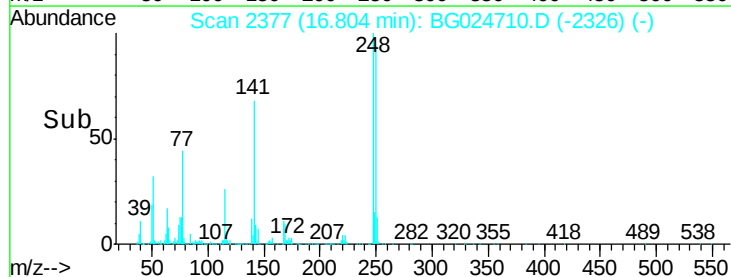
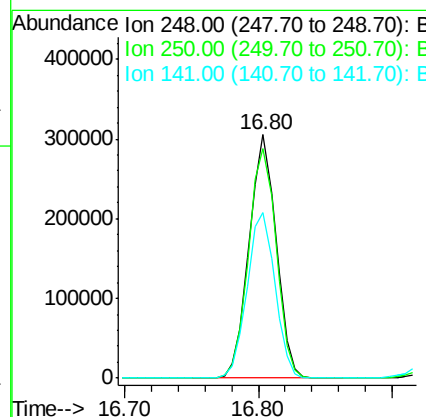
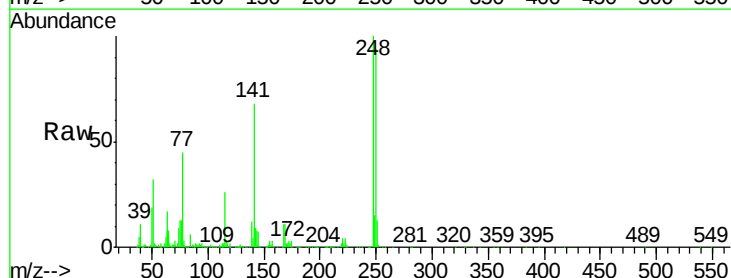
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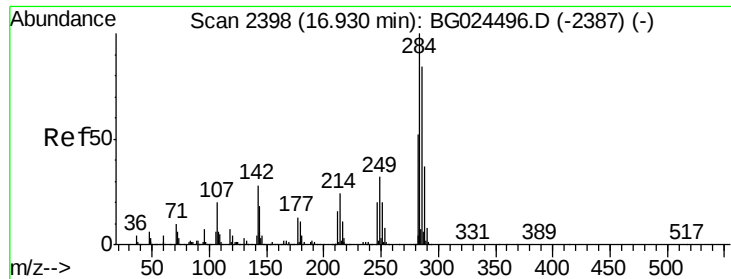
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#66
4-Bromophenyl-phenylether
Concen: 54.15 ng
RT: 16.80 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.1	75.0	112.6
141	68.2	55.2	82.8





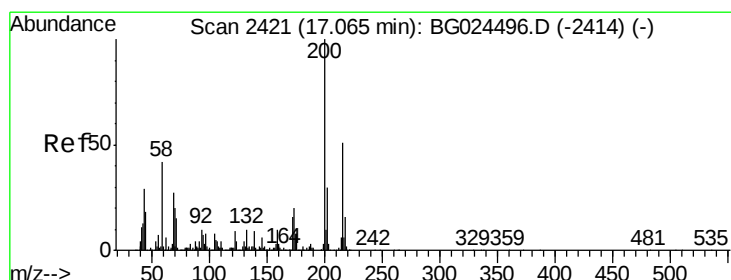
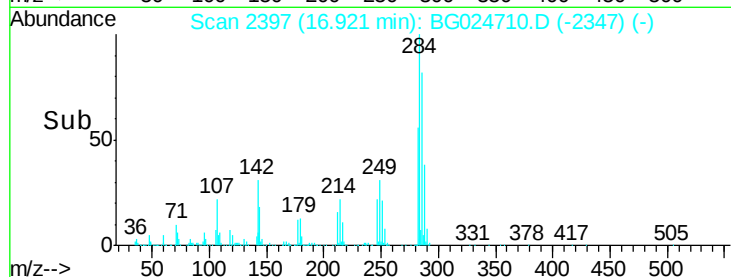
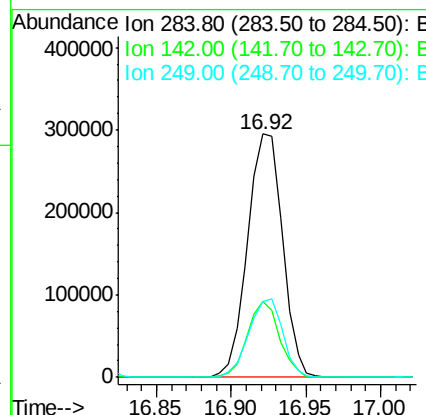
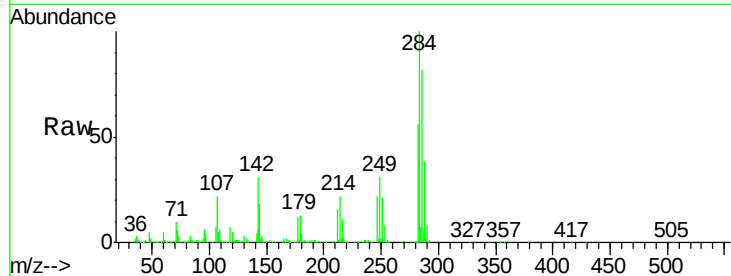
#67
Hexachlorobenzene
Concen: 54.82 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.2	29.9	44.9	
249	30.9	29.2	43.8	

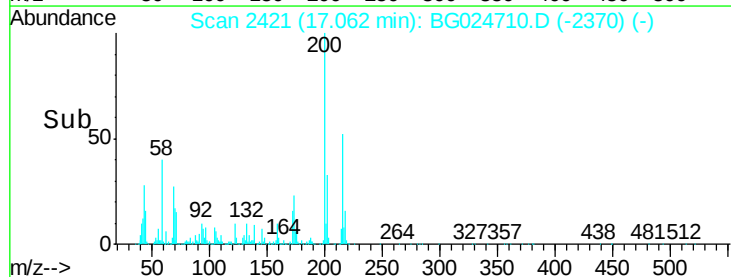
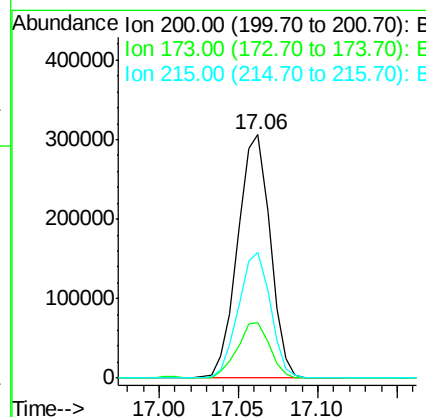
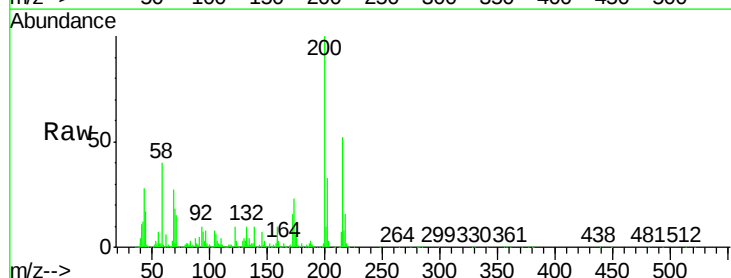
Manual Integrations
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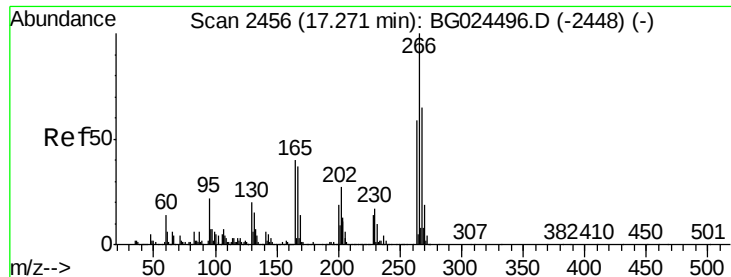
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#68
Atrazine
Concen: 57.26 ng
RT: 17.06 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	22.5	3.0	43.0	
215	52.0	28.4	68.4	





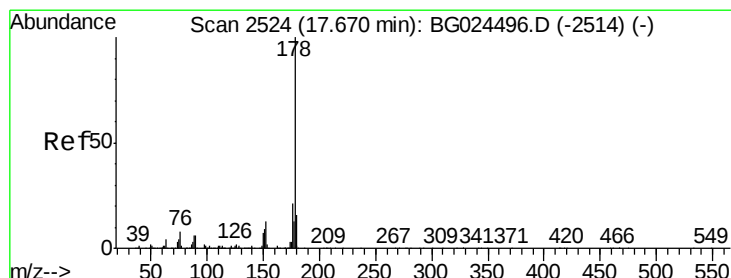
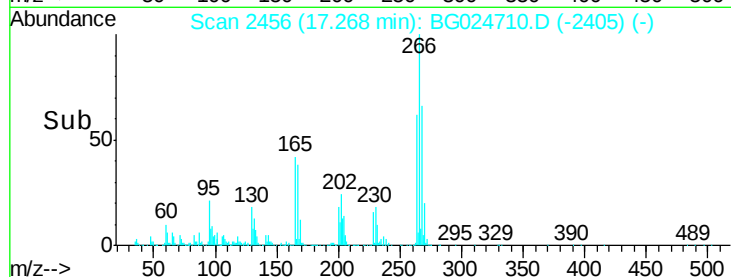
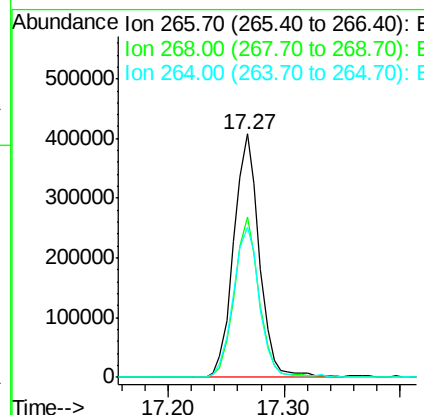
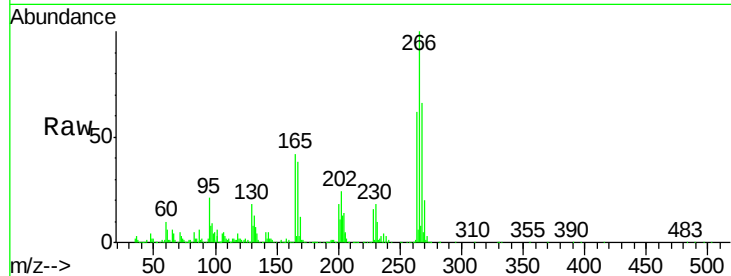
#69
 Pentachlorophenol
 Concen: 109.17 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	48.6	72.8
264	61.8	50.1	75.1

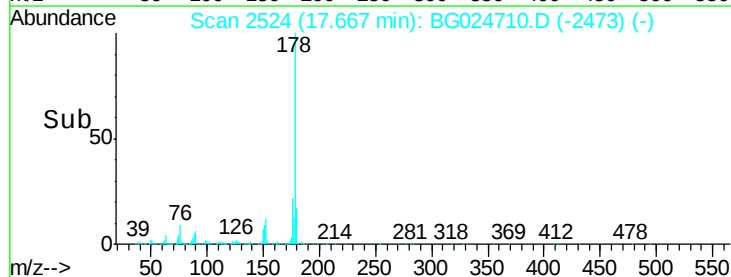
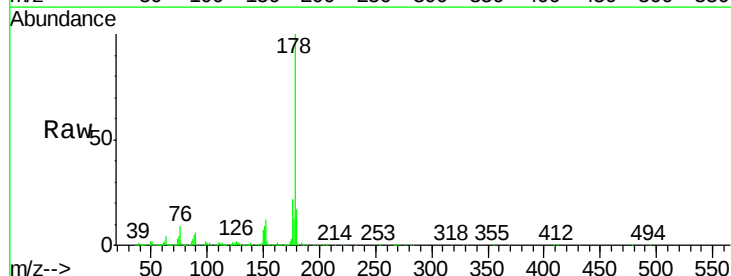
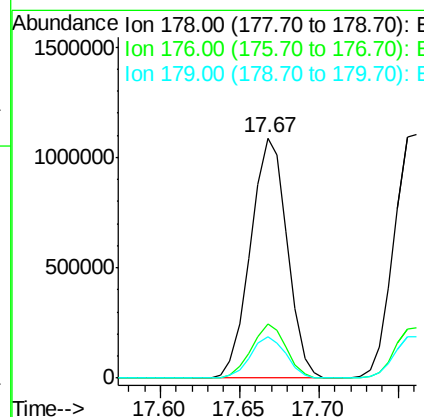
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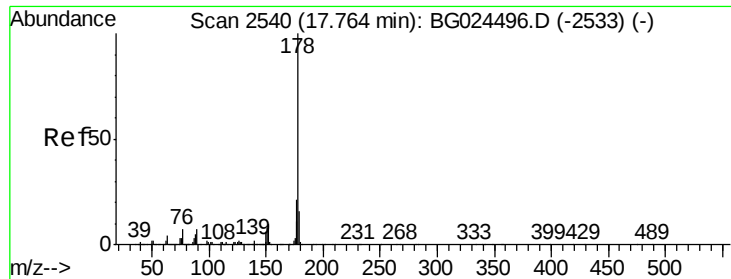
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#70
 Phenanthrene
 Concen: 52.86 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.5	17.7	26.5
179	17.0	15.0	22.6





#71

Anthracene

Concen: 53.52 ng

RT: 17.76 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:178 Resp: 1784481

Ion Ratio Lower Upper

178 100

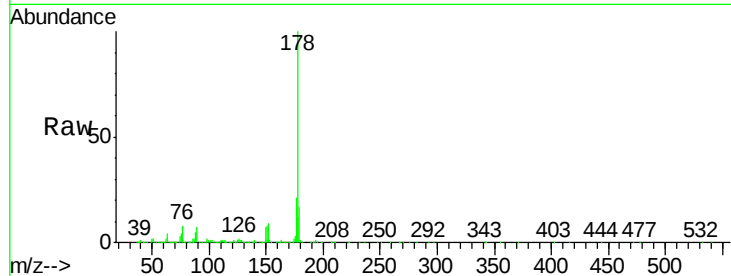
176 20.8 16.4 24.6

179 17.2 13.8 20.8

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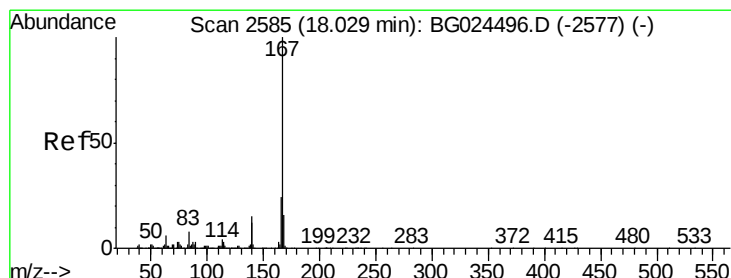
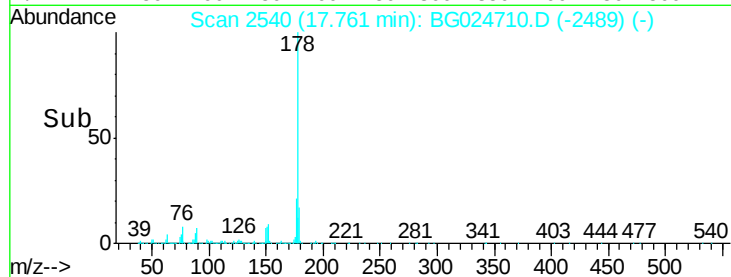
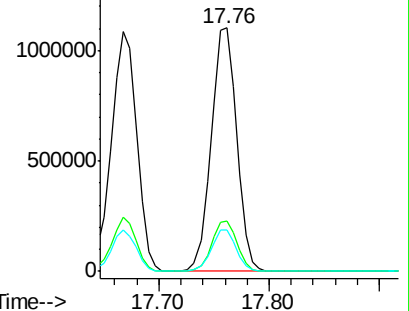
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 54.00 ng

RT: 18.03 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

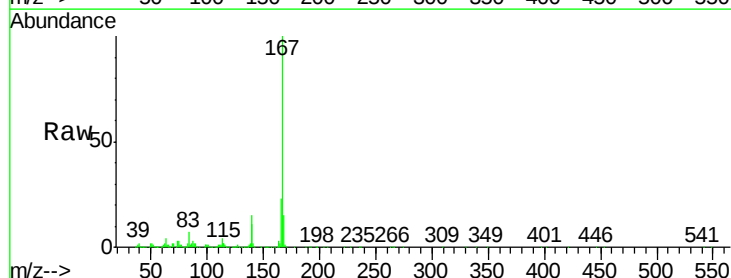
Tgt Ion:167 Resp: 1642219

Ion Ratio Lower Upper

167 100

166 23.5 20.2 30.2

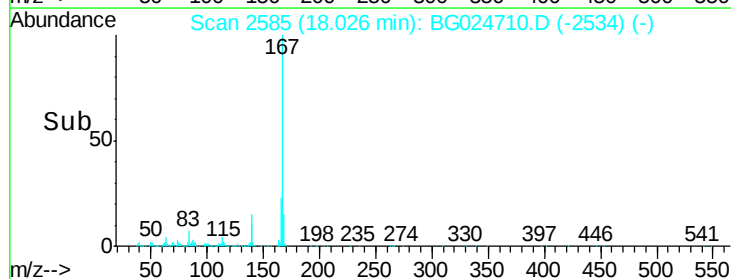
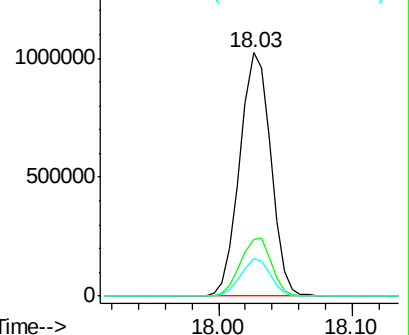
139 15.4 12.8 19.2

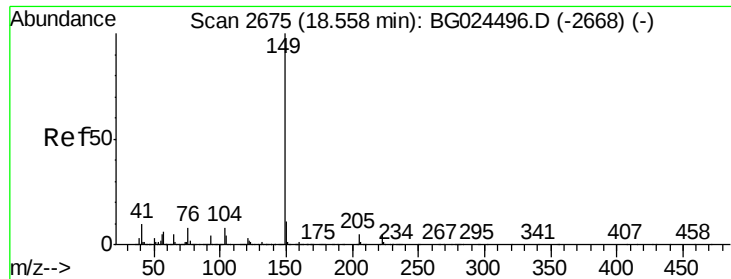


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.88 ng

RT: 18.55 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

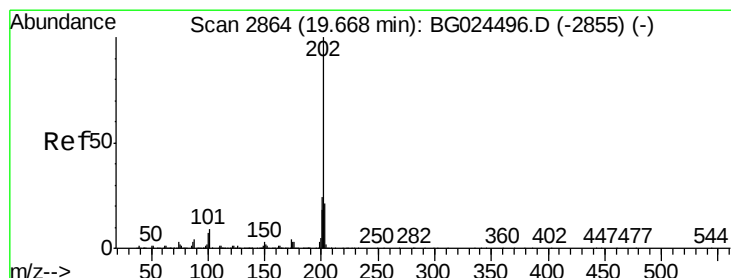
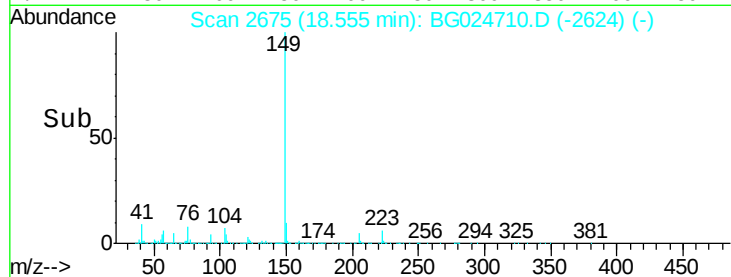
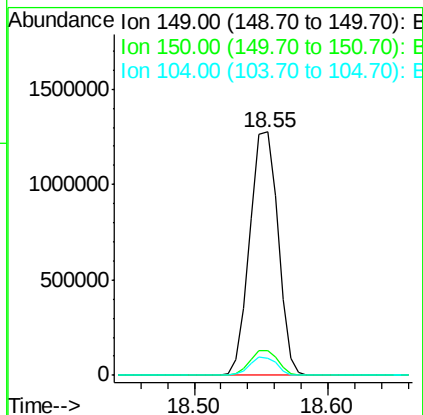
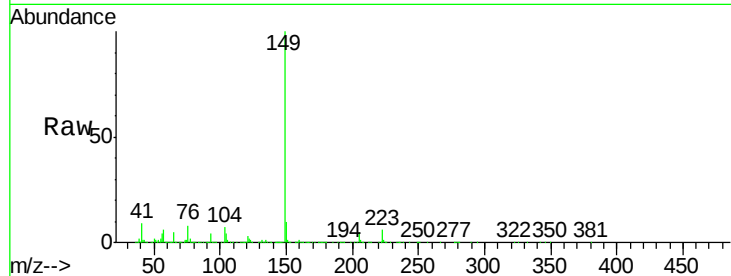
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:	149	Resp:	1854021
Ion Ratio	Lower	Upper	
149	100		
150	10.3	9.1	13.7
104	7.2	6.7	10.1

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#74

Fluoranthene

Concen: 54.53 ng

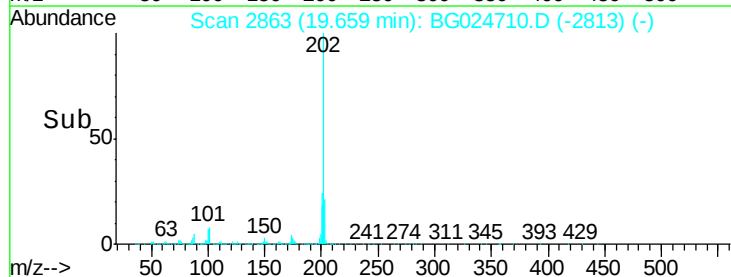
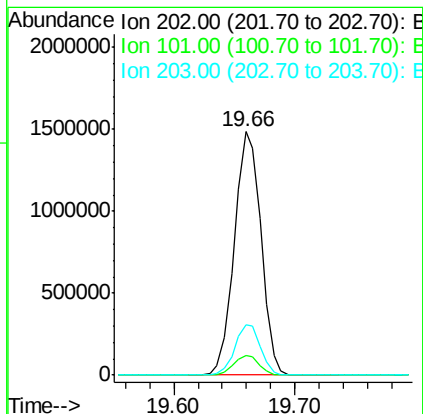
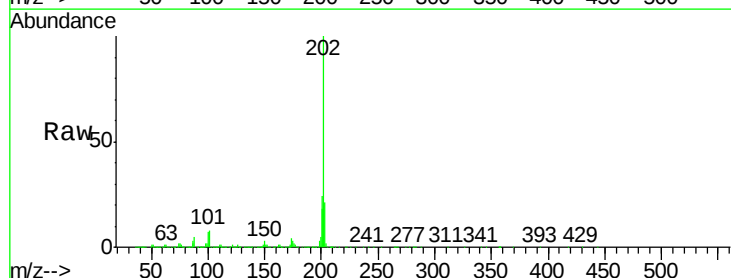
RT: 19.66 min Scan# 2863

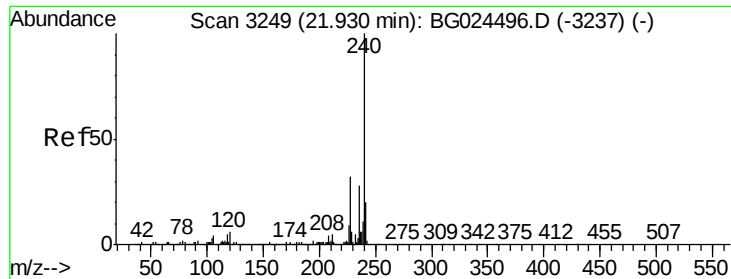
Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion:	202	Resp:	2278378
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	30.1
203	20.9	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

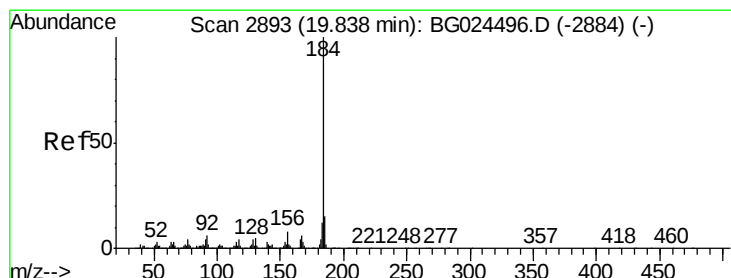
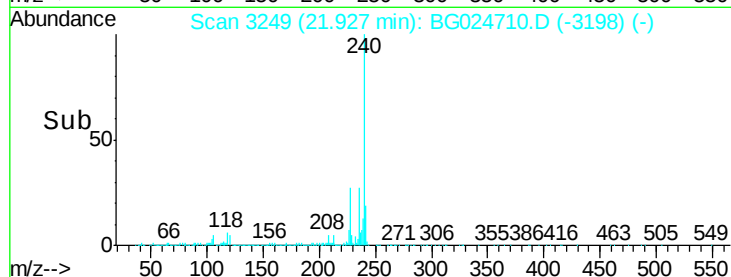
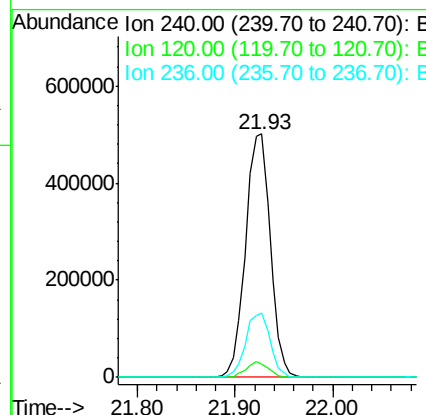
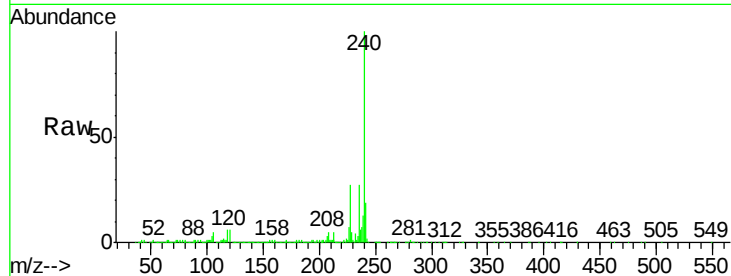
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	26.7	22.2	33.4

Manual Integrations
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#76

Benzidine

Concen: 58.02 ng

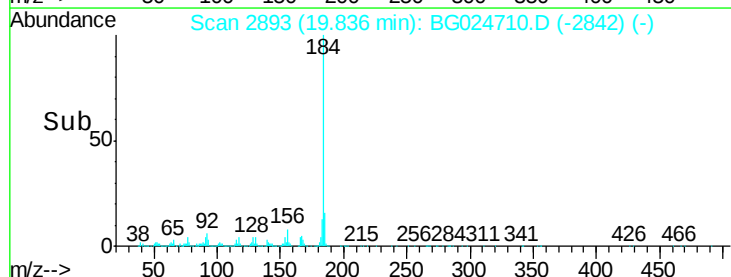
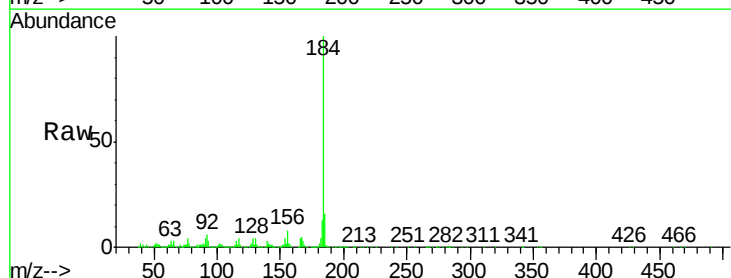
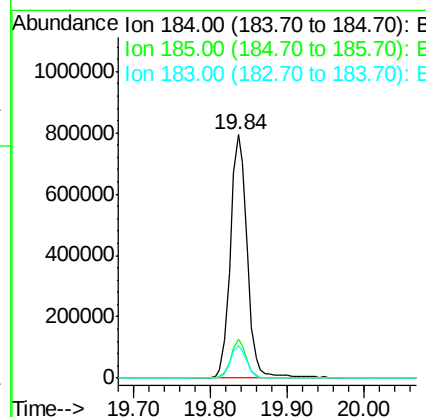
RT: 19.84 min Scan# 2893

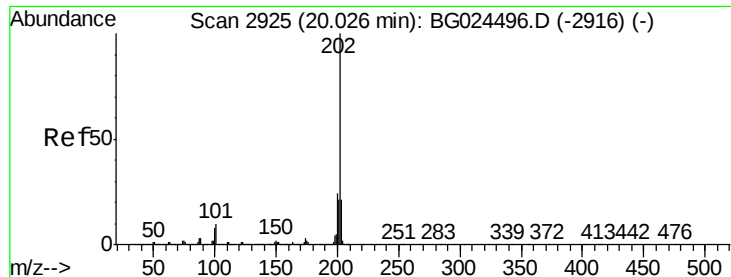
Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.0	19.6
183	13.4	11.0	16.6





#77

Pvrene

Concen: 52.89 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

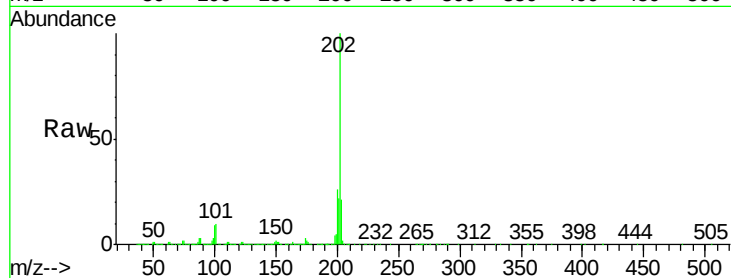
ClientSampleId :

SB-99-14.5-15.0MSD

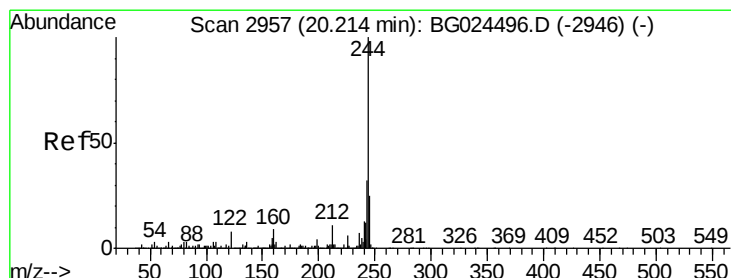
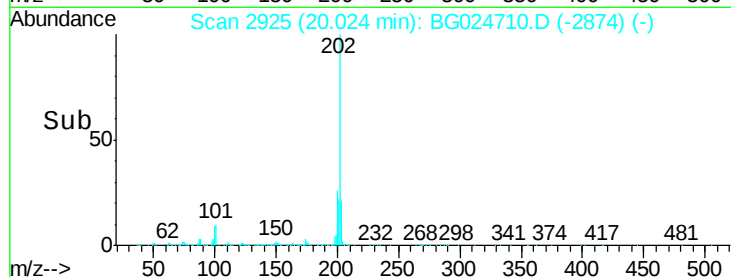
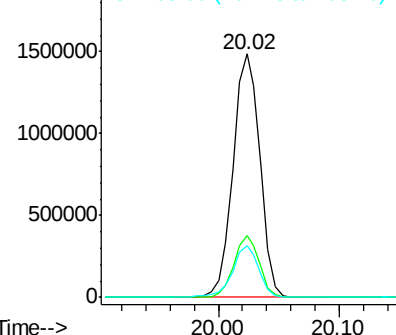
Tot Ion:	202	Resp:	2299322
Ion	Ratio	Lower	Upper
202	100		
200	25.6	19.6	29.4
203	21.0	15.8	23.8

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 103.81 ng

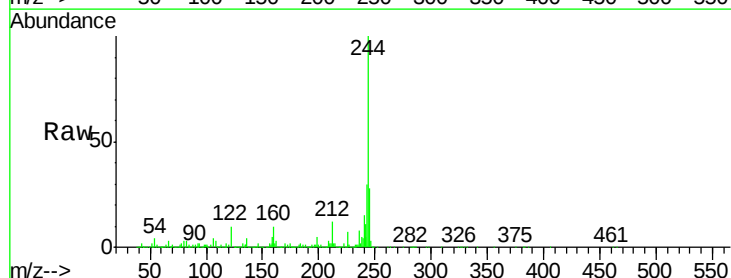
RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

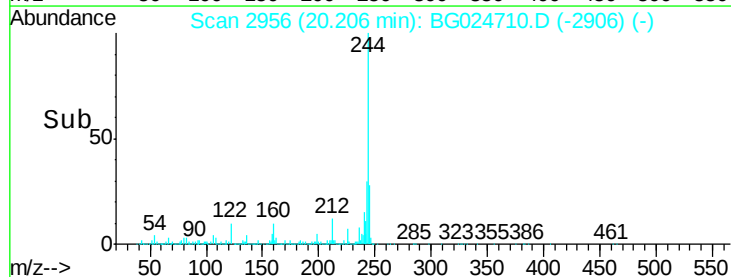
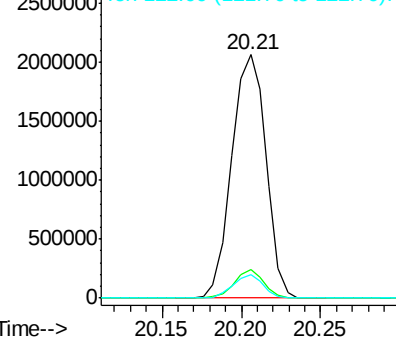
Lab File: BG024710.D

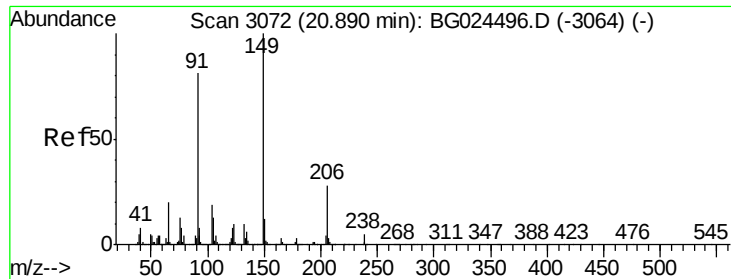
Acq: 5 Nov 2016 13:21

Tgt Ion:	244	Resp:	3089613
Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.0	15.0
122	9.7	8.6	12.8



Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





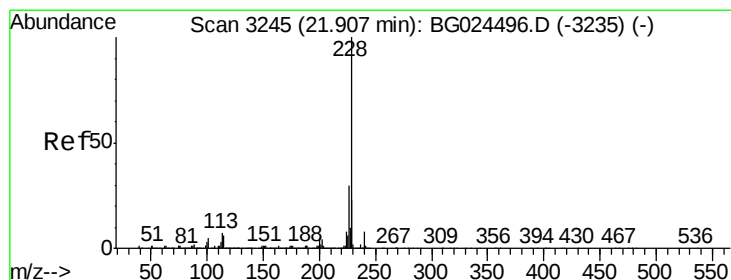
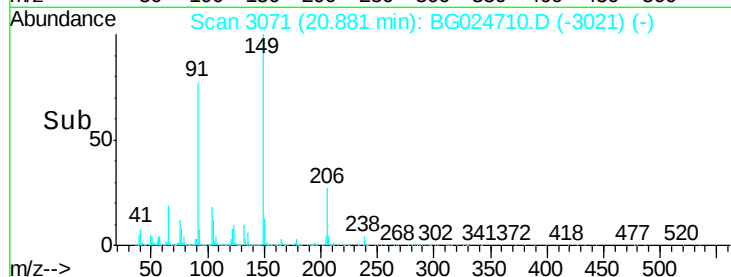
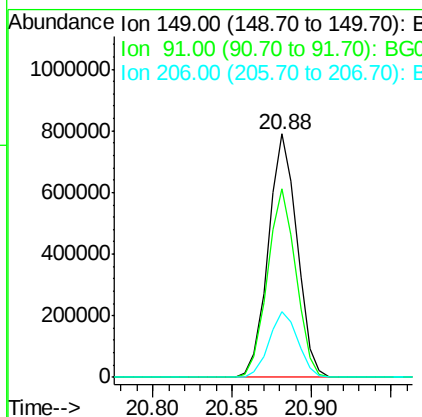
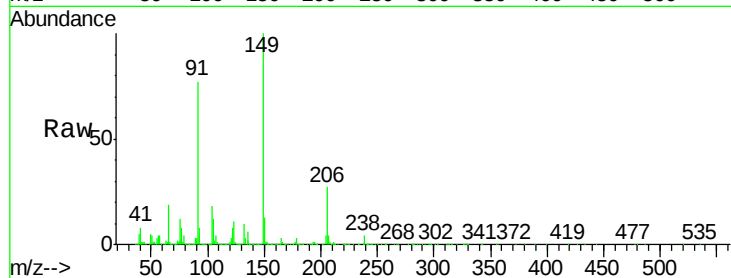
#79
Butylbenzylphthalate
Concen: 55.13 ng
RT: 20.88 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.4	63.5	95.3
206	26.9	21.0	31.6

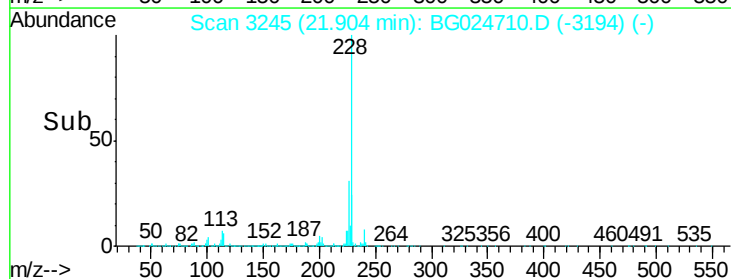
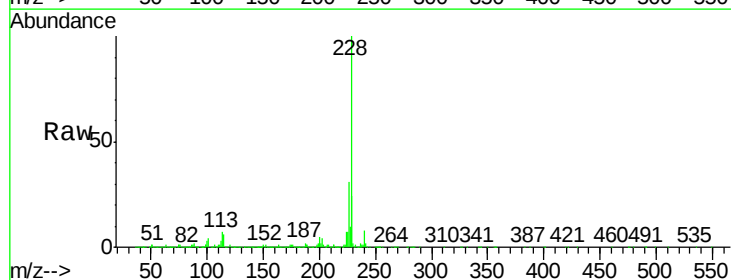
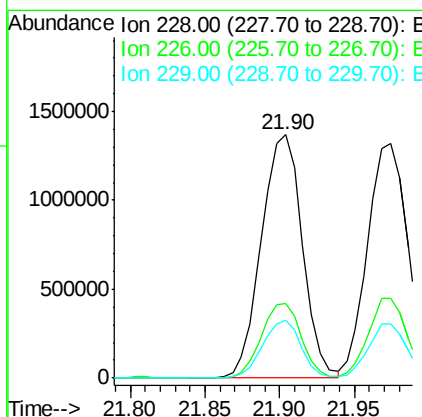
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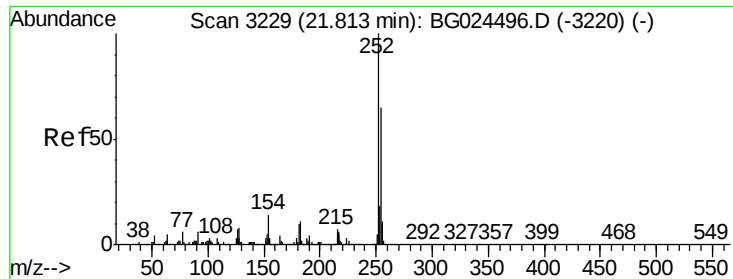
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#80
Benzo(a)anthracene
Concen: 53.47 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	23.8	18.2	27.2





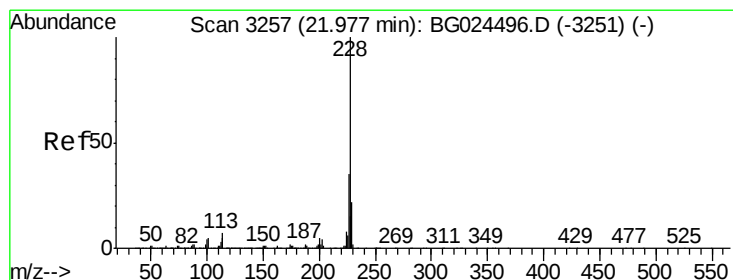
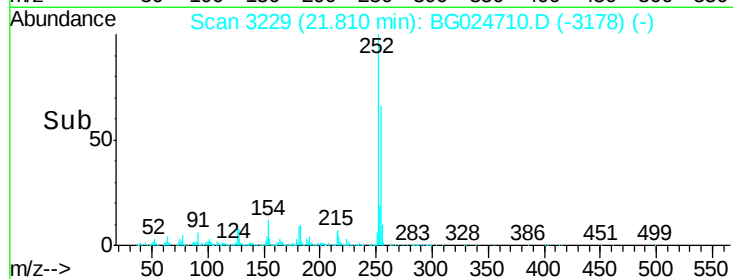
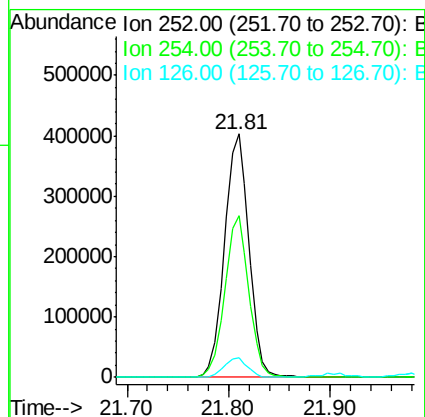
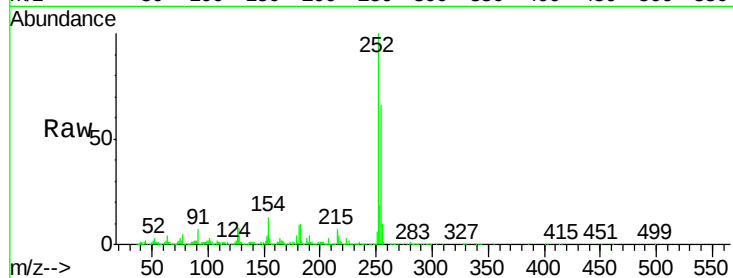
#81
 3,3'-Dichlorobenzidine
 Concen: 34.07 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	53.1	79.7
126	8.2	7.0	10.4

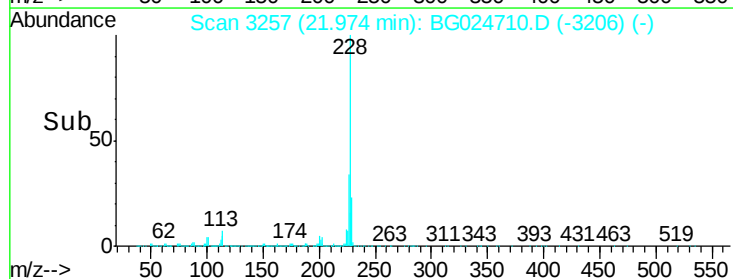
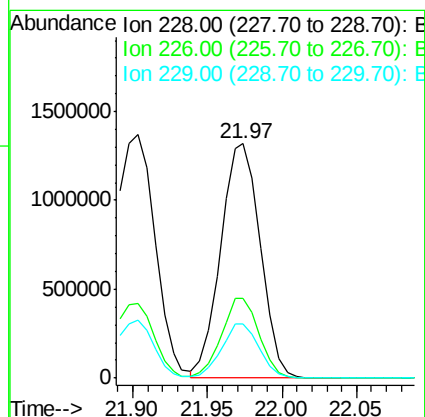
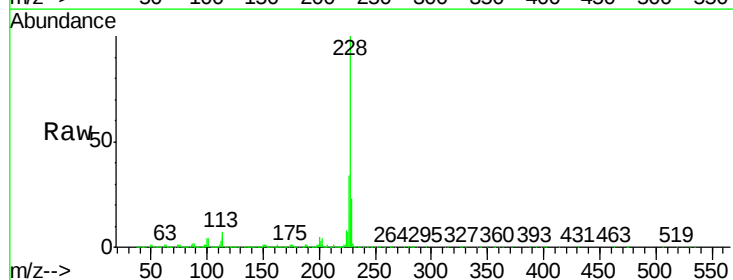
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#82
 Chrysene
 Concen: 52.41 ng
 RT: 21.97 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.1	27.0	40.4
229	23.3	17.8	26.6





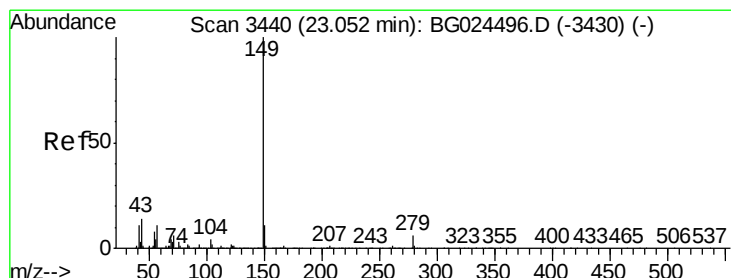
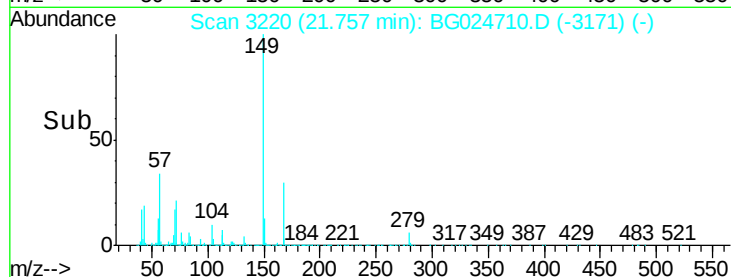
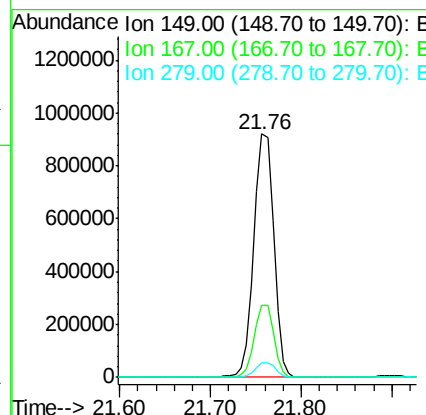
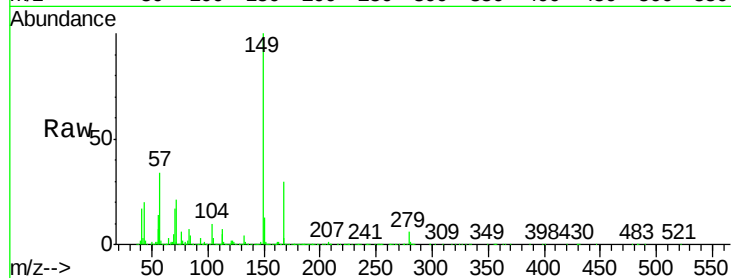
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.37 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.01 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-99-14.5-15.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	6.0	4.6	6.8

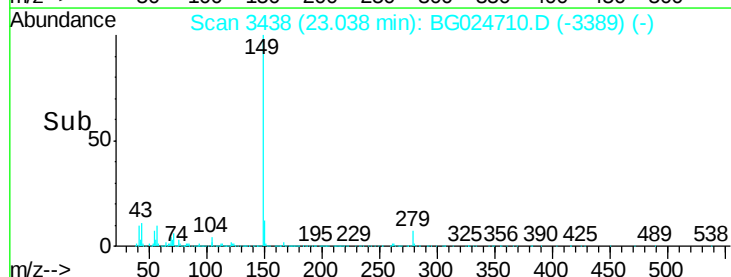
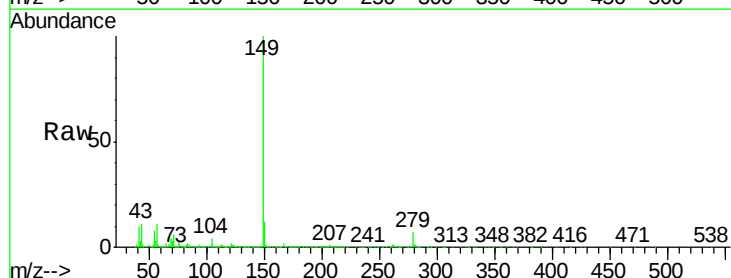
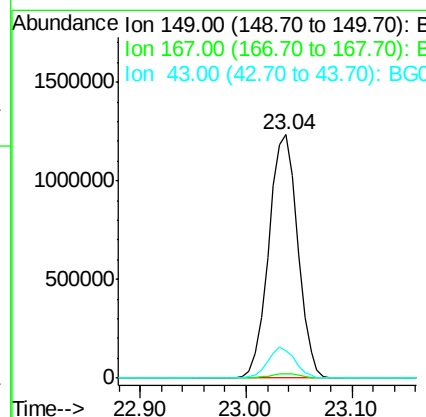
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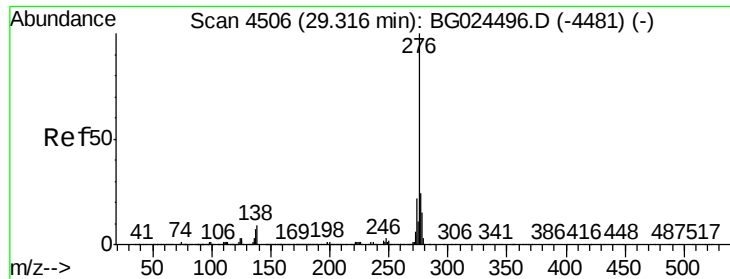
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#84
 Di-n-octyl phthalate
 Concen: 54.30 ng
 RT: 23.04 min Scan# 3438
 Delta R.T. -0.01 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

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





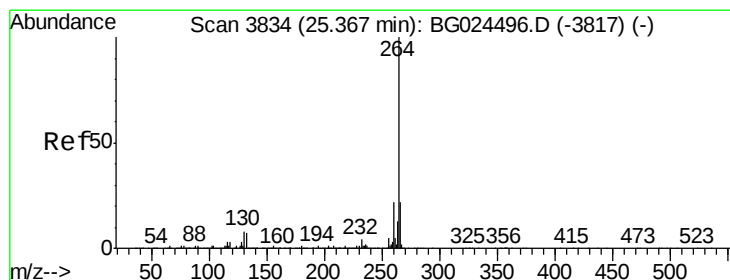
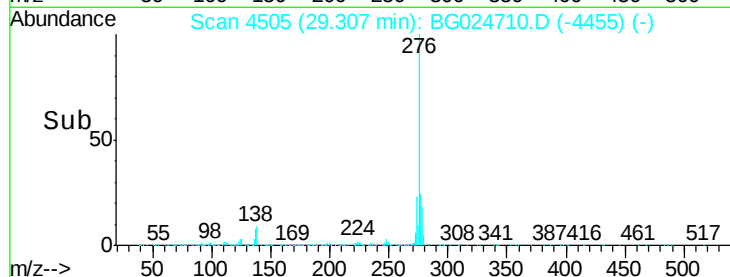
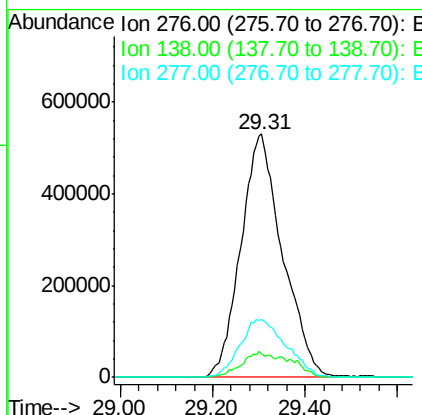
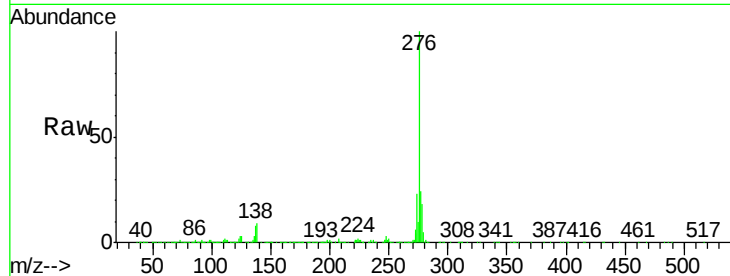
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.75 ng
RT: 29.31 min Scan# 4505
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Tot Ion:276 Resp: 3324052
Ion Ratio Lower Upper
276 100
138 5.8 4.7 7.1
277 26.4 20.6 31.0

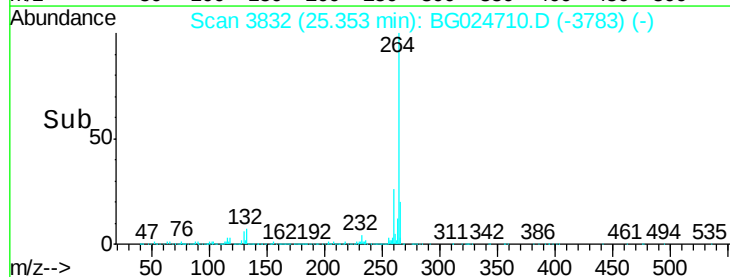
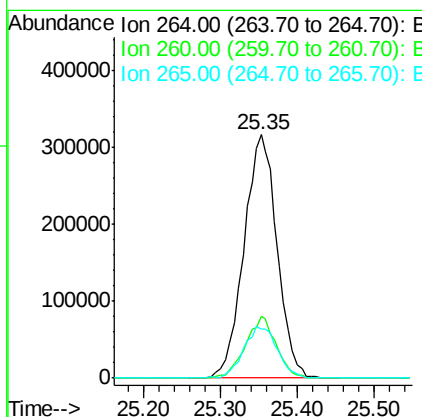
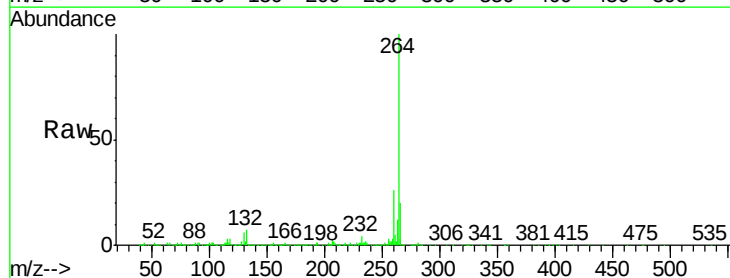
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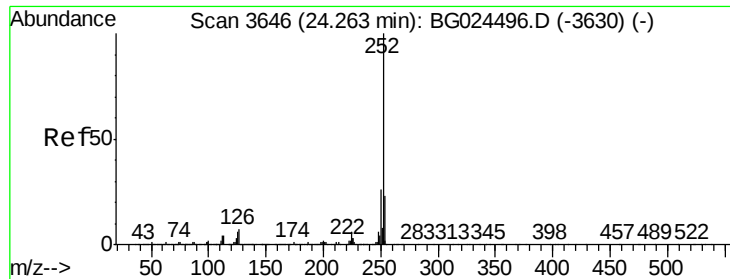
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024710.D
Acq: 5 Nov 2016 13:21

Tgt Ion:264 Resp: 948206
Ion Ratio Lower Upper
264 100
260 25.5 21.8 32.8
265 20.0 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 52.76 ng

RT: 24.25 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:252 Resp: 2704013

Ion Ratio Lower Upper

252 100

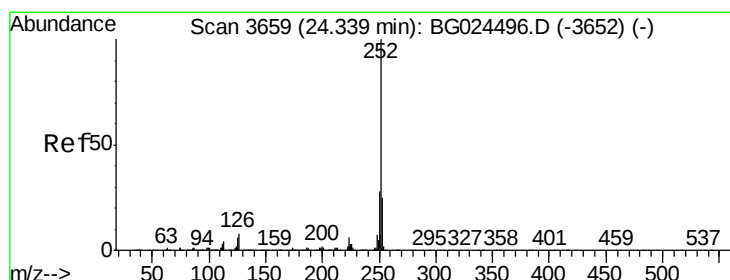
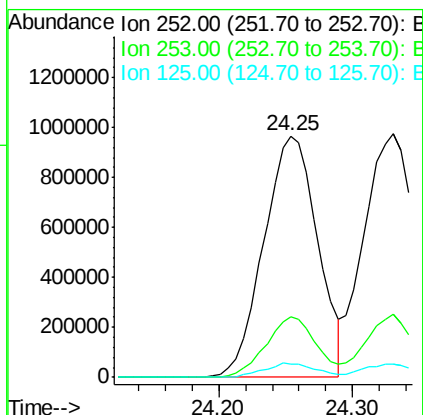
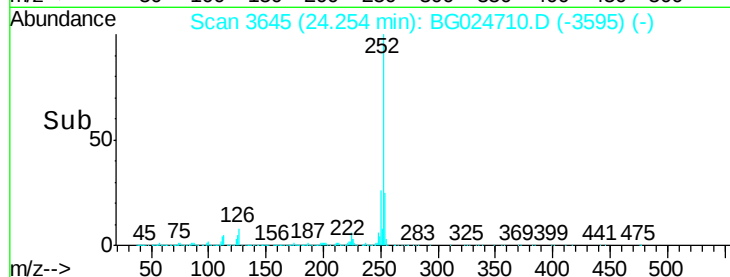
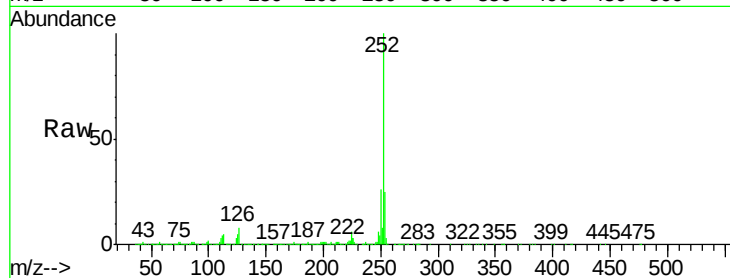
253 25.2 18.7 28.1

125 5.4 5.3 7.9

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#88

Benzo(k)fluoranthene

Concen: 52.88 ng

RT: 24.33 min Scan# 3658

Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

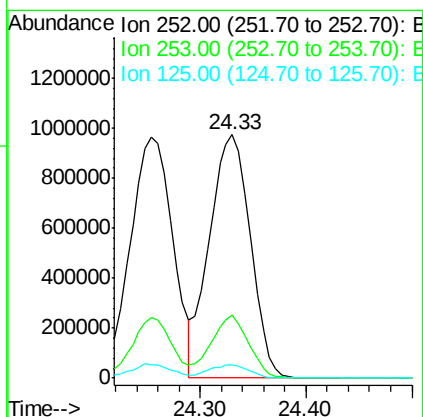
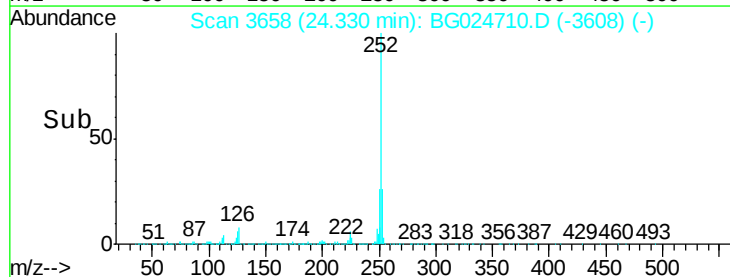
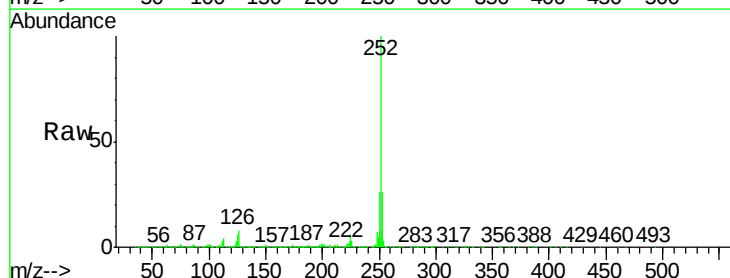
Tgt Ion:252 Resp: 2617469

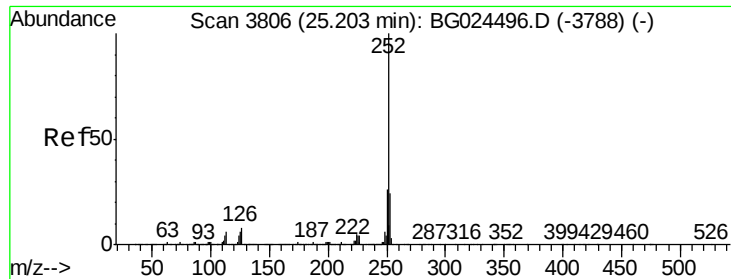
Ion Ratio Lower Upper

252 100

253 25.7 20.2 30.2

125 5.7 5.1 7.7





#89

Benzo(a)pyrene

Concen: 53.20 ng

RT: 25.19 min Scan# 3805

Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Instrument :

BNA_G

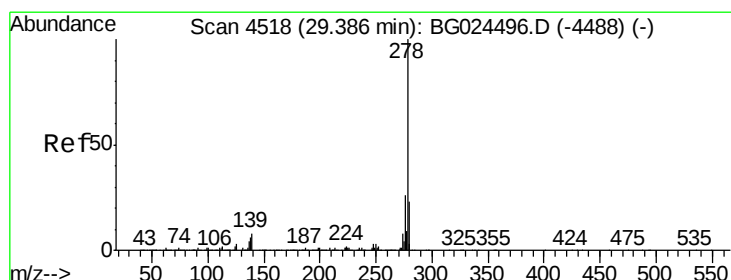
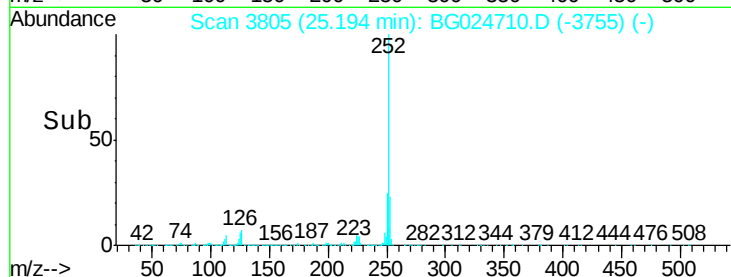
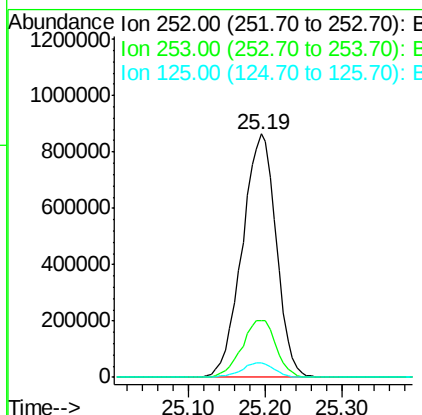
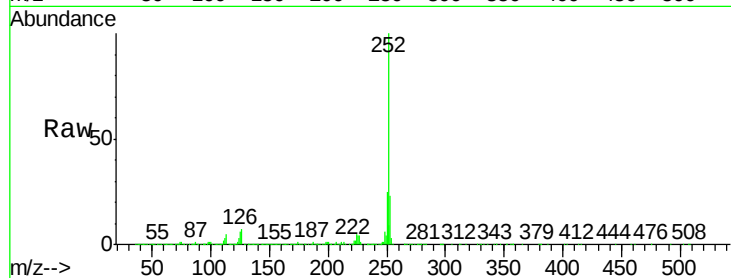
ClientSampleId :

SB-99-14.5-15.0MSD

Tot Ion:	252	Resp:	2664240
Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	5.8	5.4	8.0

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#90

Dibenzo(a,h)anthracene

Concen: 50.24 ng

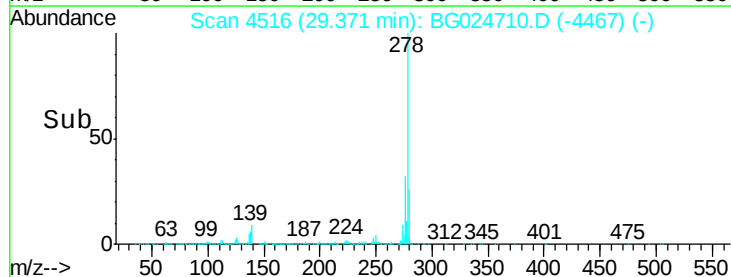
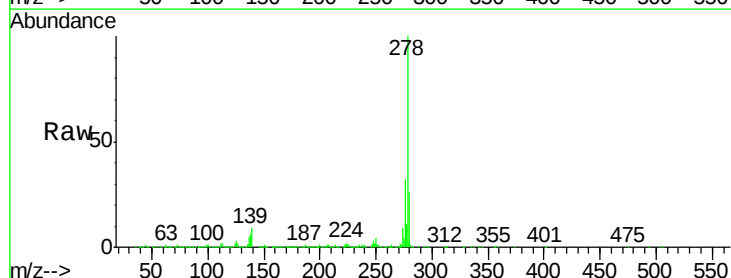
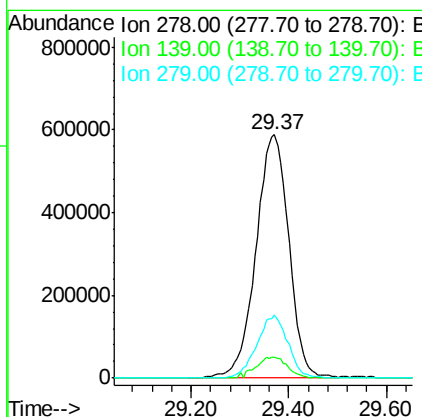
RT: 29.37 min Scan# 4516

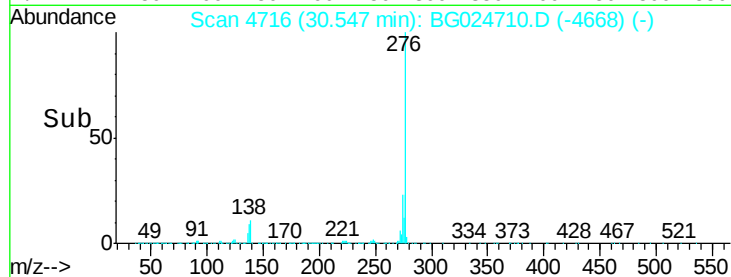
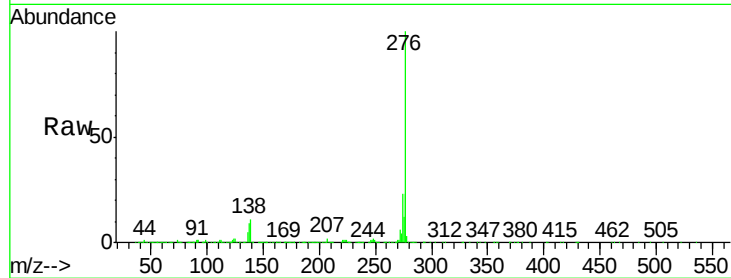
Delta R.T. -0.01 min

Lab File: BG024710.D

Acq: 5 Nov 2016 13:21

Tgt Ion:	278	Resp:	2761488
Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.7	11.5
279	25.8	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 49.94 ng
 RT: 30.55 min Scan# 4716
 Delta R.T. -0.02 min
 Lab File: BG024710.D
 Acq: 5 Nov 2016 13:21

Tot Ion:	276	Resp:	2742307
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	27.8
138	11.2	8.1	12.1

Instrument :
 BNA_G
 ClientSampleId :
 SB-99-14.5-15.0MSD

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