

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024577.D
 Acq On : 1 Nov 2016 5:04
 Operator : UM/SJ
 Sample : PB94406BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB94406BS

Manual Integrations
 APPROVED

Quant Time: Nov 01 13:09:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	129541	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	507893	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	395832	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	838151	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1098338	20.00	ng	0.00
86) Perylene-d12	25.35	264	1153440	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	947826	119.92	ng	0.00
7) Phenol-d6	7.41	99	1370014	126.37	ng	0.00
23) Nitrobenzene-d5	9.45	82	962234	86.26	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	745077	126.00	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1922597	80.73	ng	0.00
78) Terphenyl-d14	20.21	244	3054916	83.11	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.67	88	100082	30.99	ng	87
3) Pyridine	4.08	79	465054	48.10	ng	87
4) n-Nitrosodimethylamine	3.99	42	169735	33.91	ng	# 82
6) Aniline	7.58	93	42242	3.08	ng	# 79
8) 2-Chlorophenol	7.83	128	301355	37.50	ng	96
9) Benzaldehyde	7.40	77	66900	9.99	ng	90
10) Phenol	7.43	94	435265	38.95	ng	97
11) bis(2-Chloroethyl)ether	7.68	93	317504	37.82	ng	90
12) 1,3-Dichlorobenzene	8.16	146	340443	34.22	ng	95
13) 1,4-Dichlorobenzene	8.31	146	343806	34.99	ng	99
14) 1,2-Dichlorobenzene	8.63	146	337197	35.69	ng	96
15) Benzyl Alcohol	8.50	79	341532	33.86	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.80	45	520937	33.44	ng	94
17) 2-Methylphenol	8.70	107	289825	39.14	ng	96
18) Hexachloroethane	9.36	117	138762	36.74	ng	92
19) n-Nitroso-di-n-propylamine	9.07	70	294681	36.88	ng	87
20) 3+4-Methylphenols	9.02	107	392723	39.50	ng	98
22) Acetophenone	9.10	105	489546	37.52	ng	# 92
24) Nitrobenzene	9.49	77	447281	36.04	ng	97
25) Isophorone	10.00	82	785653	37.86	ng	98
26) 2-Nitrophenol	10.20	139	177546	38.54	ng	96
27) 2,4-Dimethylphenol	10.24	122	324900	40.29	ng	93
28) bis(2-Chloroethoxy)methane	10.48	93	434896	40.51	ng	95
29) 2,4-Dichlorophenol	10.73	162	347635	41.07	ng	90
30) 1,2,4-Trichlorobenzene	10.95	180	363729	36.23	ng	99
31) Naphthalene	11.15	128	915933	36.15	ng	100
32) Benzoic acid	10.35	122	168708	25.12	ng	# 85
33) 4-Chloroaniline	11.26	127	24251	2.20	ng	# 87
34) Hexachlorobutadiene	11.42	225	290119	36.92	ng	96
35) Caprolactam	12.02	113	126597m	40.86	ng	
36) 4-Chloro-3-methylphenol	12.34	107	394404	38.60	ng	95
37) 2-Methylnaphthalene	12.73	142	694044	37.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	477879	35.79	ng	98
40) Hexachlorocyclopentadiene	13.06	237	597038	79.41	ng	98

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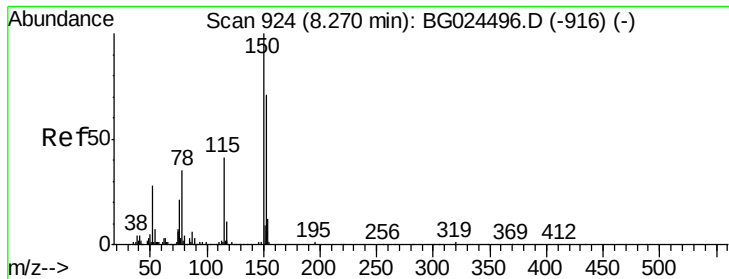
Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

Quant Time: Nov 01 13:09:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	314586	39.20	ng	95
43) 2,4,5-Trichlorophenol	13.40	196	328365	37.85	ng	96
45) 1,1'-Biphenyl	13.72	154	957816	34.87	ng	97
46) 2-Chloronaphthalene	13.77	162	767266	36.68	ng	97
47) 2-Nitroaniline	13.97	65	295646	34.52	ng	98
48) Acenaphthylene	14.61	152	1152724	35.94	ng	96
49) Dimethylphthalate	14.33	163	1028774	36.61	ng	98
50) 2,6-Dinitrotoluene	14.46	165	229172	38.20	ng	93
51) Acenaphthene	14.95	154	766938	32.07	ng	96
53) 2,4-Dinitrophenol	14.99	184	267846	61.61	ng	95
54) Dibenzofuran	15.28	168	1216100	36.79	ng	97
55) 4-Nitrophenol	15.08	139	381839	70.60	ng	# 83
56) 2,4-Dinitrotoluene	15.24	165	330062	37.86	ng	# 91
57) Fluorene	15.93	166	983810	35.89	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	349033	38.80	ng	# 92
59) Diethylphthalate	15.68	149	1042957	35.40	ng	98
60) 4-Chlorophenyl-phenylether	15.91	204	556248	36.16	ng	95
61) 4-Nitroaniline	15.95	138	122945	18.13	ng	87
62) Azobenzene	16.20	77	1058116	36.01	ng	94
64) 4,6-Dinitro-2-methylphenol	16.00	198	205171	35.53	ng	97
65) n-Nitrosodiphenylamine	16.13	169	907772	39.62	ng	98
66) 4-Bromophenyl-phenylether	16.80	248	400929	39.40	ng	94
67) Hexachlorobenzene	16.93	284	445323	39.61	ng	# 88
68) Atrazine	17.06	200	413843	42.11	ng	97
69) Pentachlorophenol	17.27	266	544683	73.42	ng	95
70) Phenanthrene	17.67	178	1637531	38.33	ng	96
71) Anthracene	17.76	178	1657472	38.46	ng	99
72) Carbazole	18.03	167	1439144	36.61	ng	99
73) Di-n-butylphthalate	18.55	149	1705791	37.64	ng	97
74) Fluoranthene	19.66	202	2020727	37.42	ng	98
76) Benzidine	19.84	184	167170	6.46	ng	# 91
77) Pyrene	20.02	202	2072201	38.59	ng	98
79) Butylbenzylphthalate	20.89	149	827562	36.97	ng	97
80) Benzo(a)anthracene	21.90	228	2244032	37.19	ng	99
81) 3,3'-Dichlorobenzidine	21.81	252	143767	5.91	ng	# 90
82) Chrysene	21.97	228	2098617	36.52	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1178610	36.81	ng	100
84) Di-n-octyl phthalate	23.04	149	2011363	37.85	ng	# 94
85) Indeno(1,2,3-cd)pyrene	29.29	276	2853206	35.97	ng	# 98
87) Benzo(b)fluoranthene	24.25	252	2362757m	37.90	ng	
88) Benzo(k)fluoranthene	24.33	252	2260443	37.54	ng	97
89) Benzo(a)pyrene	25.19	252	2271792	37.29	ng	98
90) Dibenzo(a,h)anthracene	29.37	278	2418081	36.16	ng	99
91) Benzo(g,h,i)perylene	30.54	276	2406598	36.03	ng	99

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



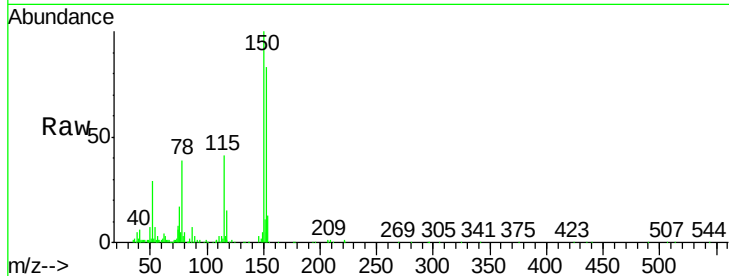
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

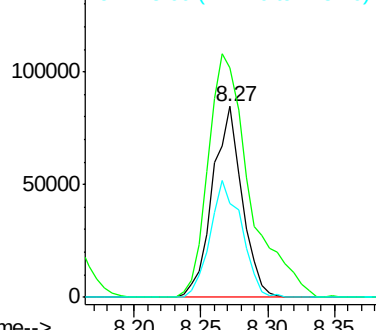
Instrument :
BNA_G
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PB94406BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	120.3	114.0	171.0
115	49.1	48.1	72.1

Manual Integrations
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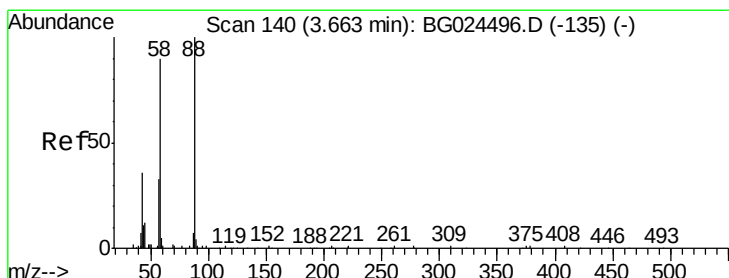
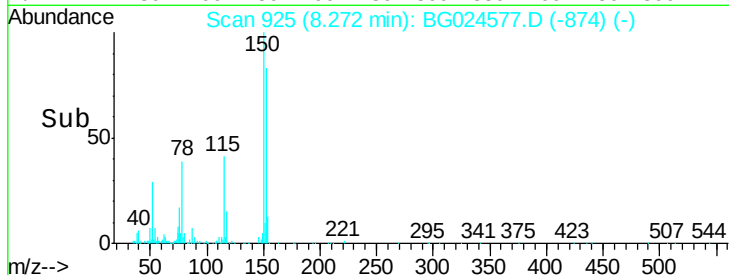


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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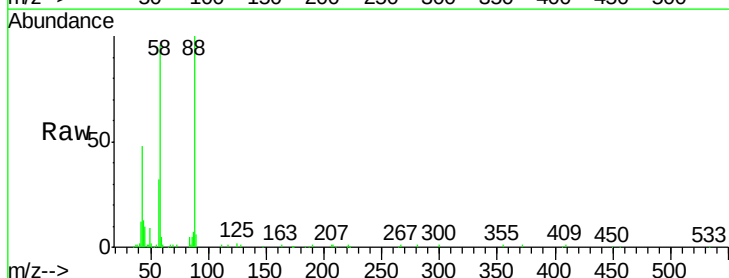
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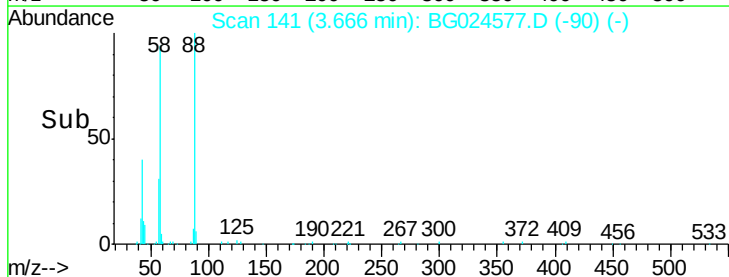
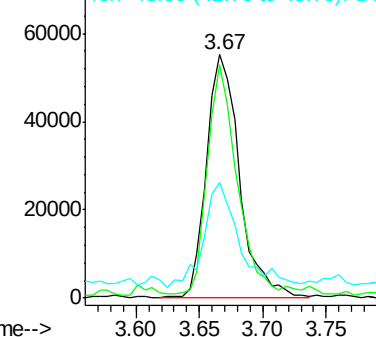
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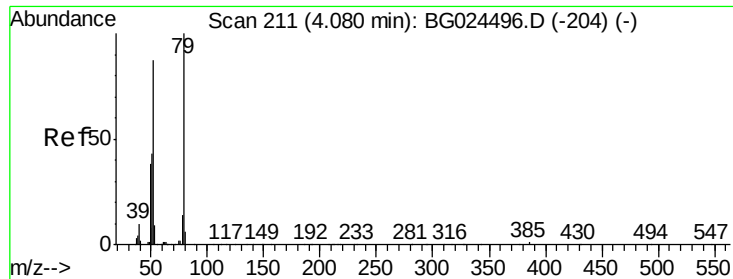
1,4-Dioxane
Concen: 30.99 ng
RT: 3.67 min Scan# 141
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	79.4	119.2
43	45.8	33.8	50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 48.10 ng

RT: 4.08 min Scan# 212

Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

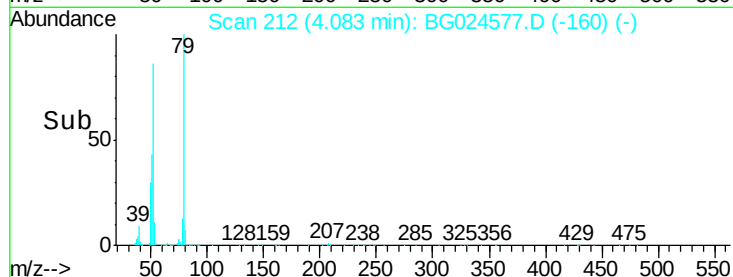
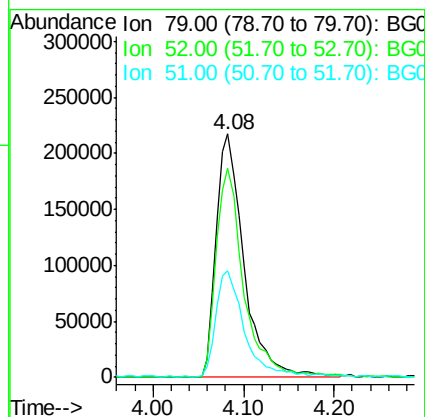
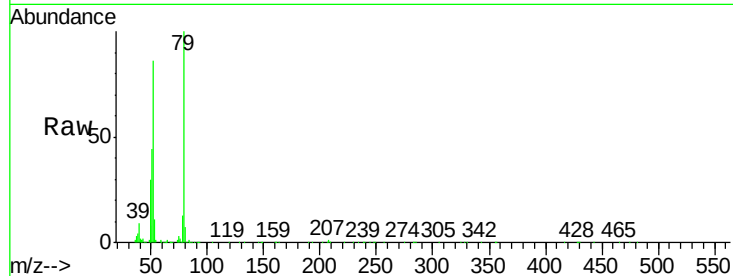
BNA_G

ClientSampleId :

PB94406BS

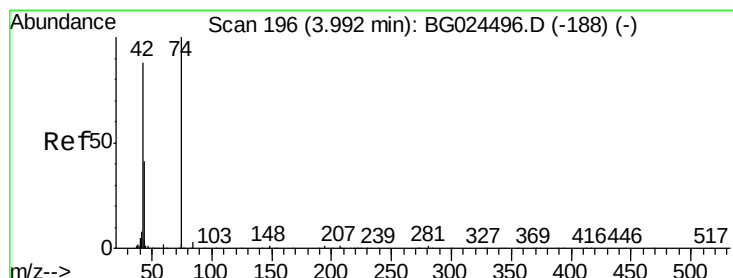
Tgt Ion:	79	Resp:	465054
Ion	Ratio	Lower	Upper
79	100		
52	85.6	77.8	116.6
51	43.8	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 33.91 ng

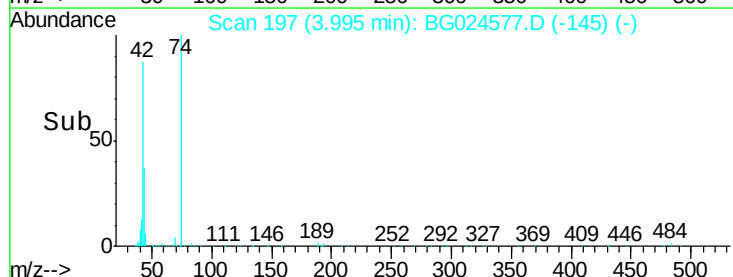
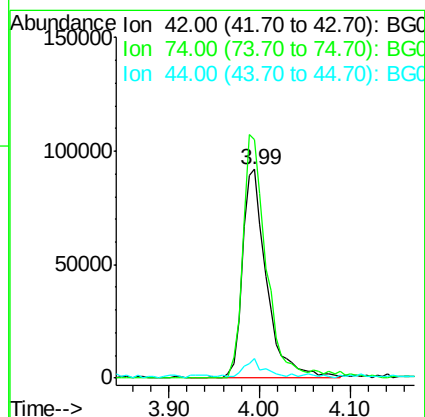
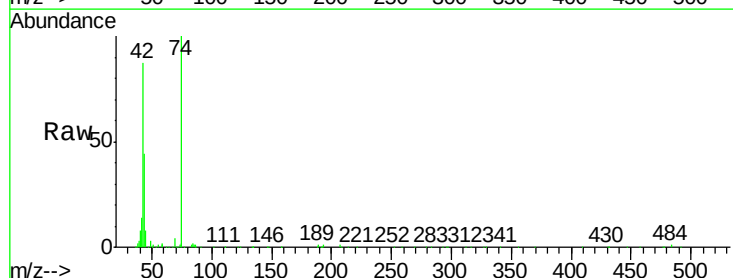
RT: 3.99 min Scan# 197

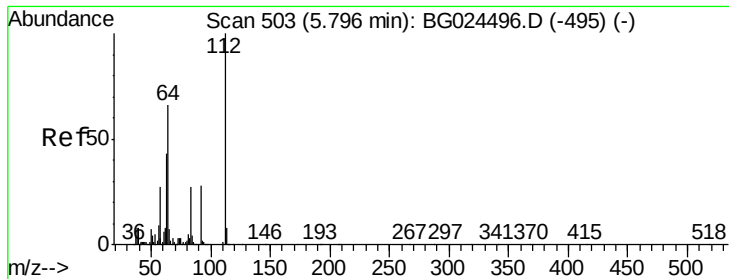
Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Tgt Ion:	42	Resp:	169735
Ion	Ratio	Lower	Upper
42	100		
74	114.5	76.7	115.1
44	9.6	6.1	9.1#





#5

2-Fluorophenol

Concen: 119.92 ng

RT: 5.80 min Scan# 505

Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

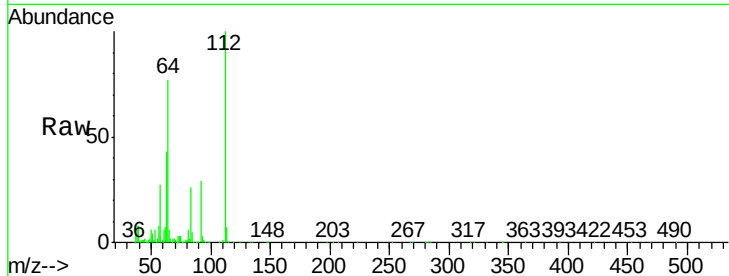
BNA_G

ClientSampleId :

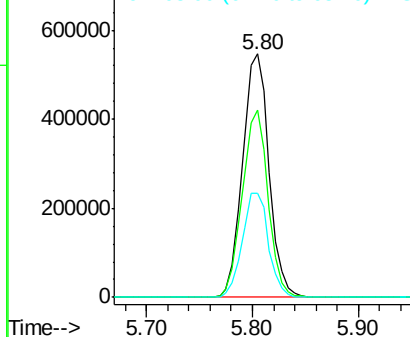
PB94406BS

Tgt Ion:	112	Resp:	947826
Ion Ratio	Lower	Upper	
112	100		
64	76.7	61.8	92.6
63	42.9	37.2	55.8

Manual Integrations
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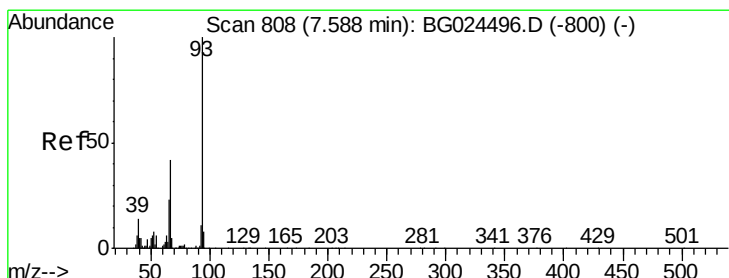
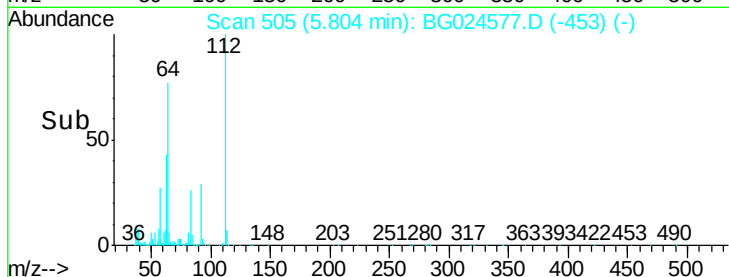


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



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#6

Aniline

Concen: 3.08 ng

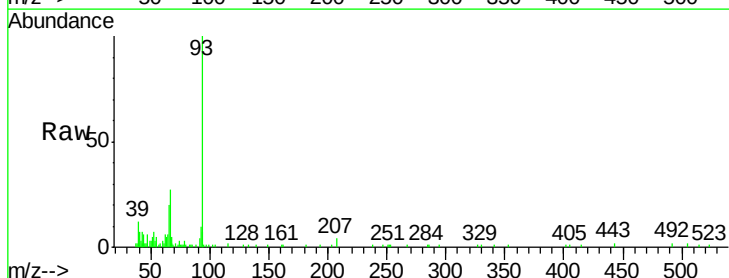
RT: 7.58 min Scan# 808

Delta R.T. -0.01 min

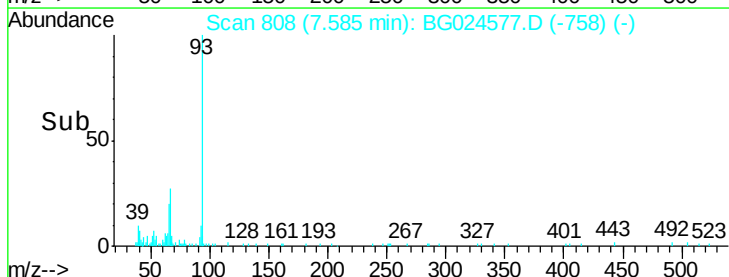
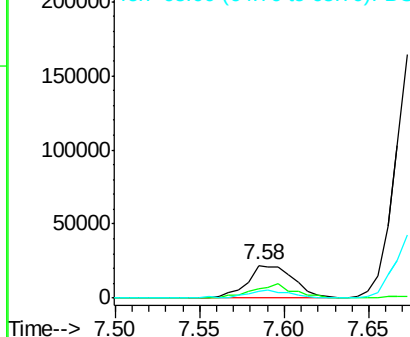
Lab File: BG024577.D

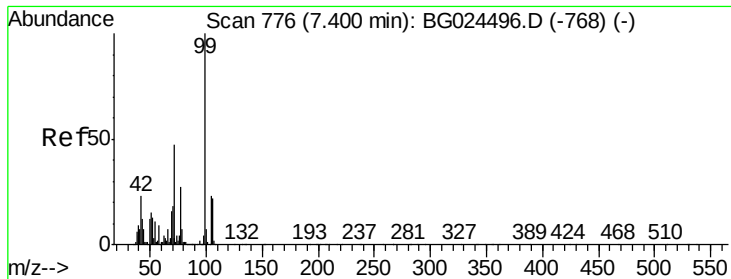
Acq: 1 Nov 2016 5:04

Tgt Ion:	93	Resp:	42242
Ion Ratio	Lower	Upper	
93	100		
66	27.0	35.4	53.2#
65	20.3	21.2	31.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.37 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

BNA_G

ClientSampled :

PB94406BS

Tgt Ion: 99 Resp: 1370014

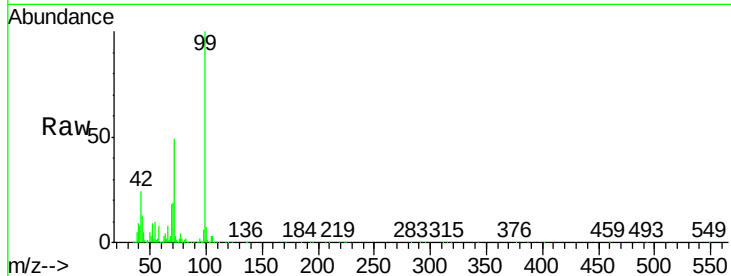
Ion Ratio Lower Upper

99 100

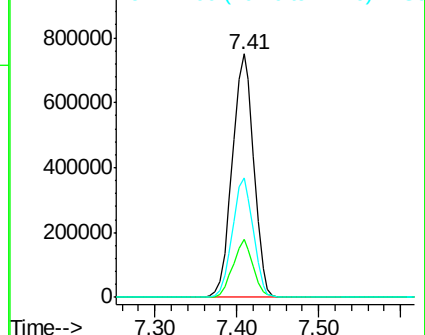
42 23.7 20.5 30.7

71 49.2 37.6 56.4

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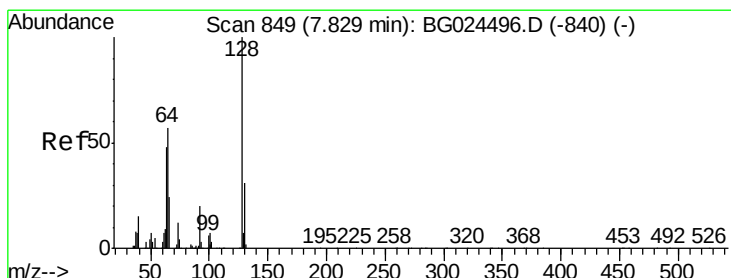
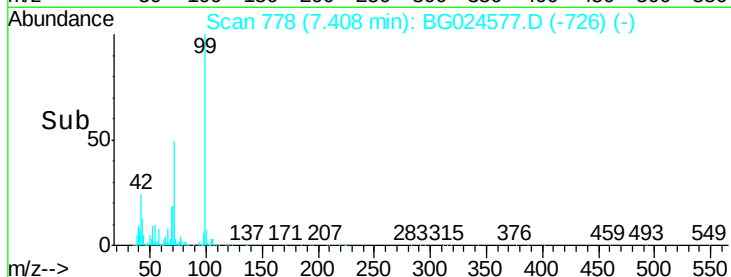


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 37.50 ng

RT: 7.83 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

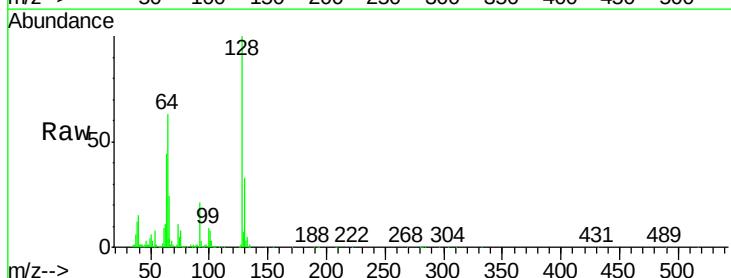
Tgt Ion: 128 Resp: 301355

Ion Ratio Lower Upper

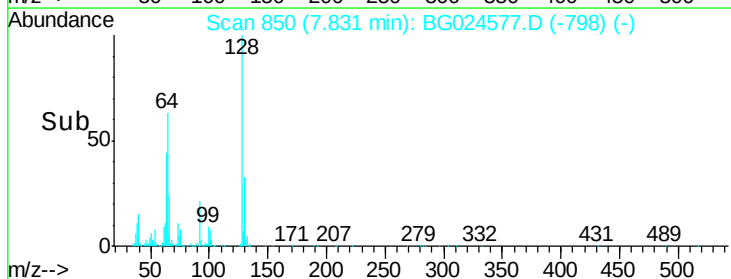
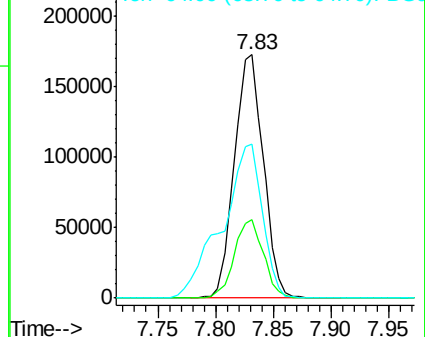
128 100

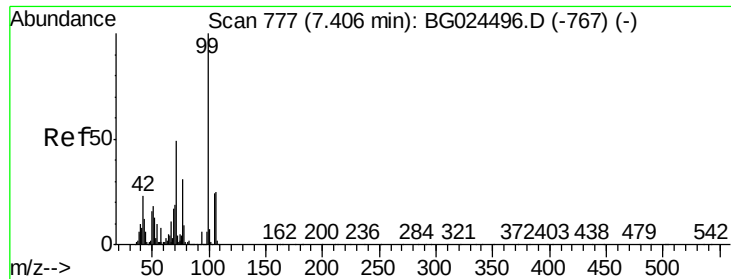
130 32.5 11.4 51.4

64 63.0 46.6 86.6



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





#9

Benzaldehyde

Concen: 9.99 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

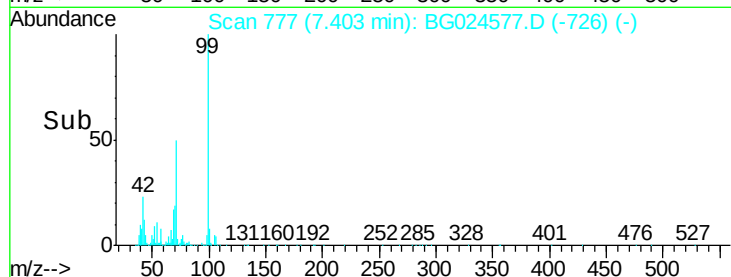
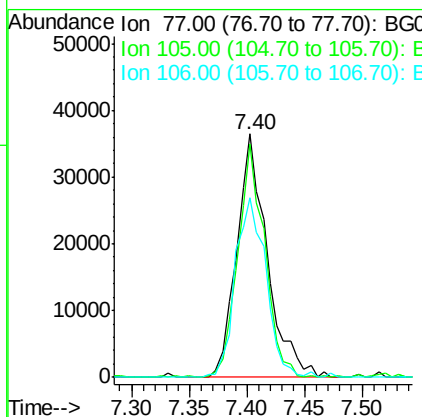
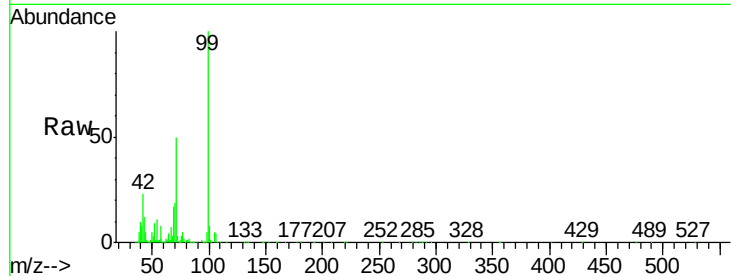
BNA_G

ClientSampleId :

PB94406BS

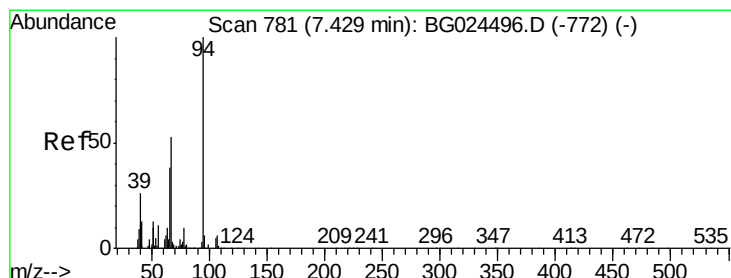
Tgt Ion:	77	Resp:	66900
Ion Ratio	Lower	Upper	
77	100		
105	95.8	60.9	100.9
106	73.7	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 38.95 ng

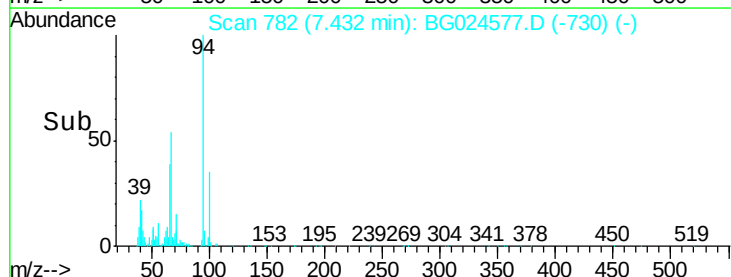
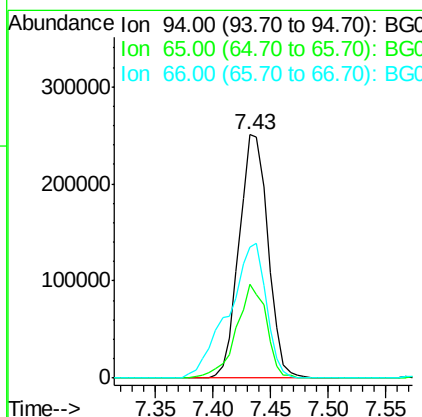
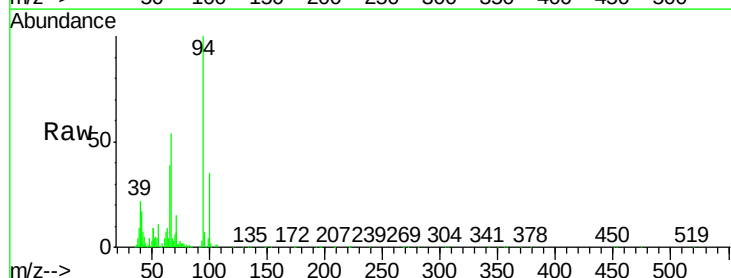
RT: 7.43 min Scan# 782

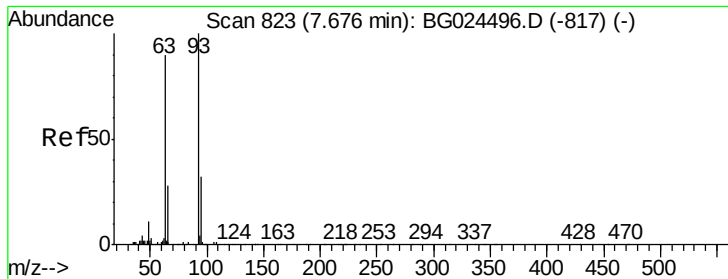
Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Tgt Ion:	94	Resp:	435265
Ion Ratio	Lower	Upper	
94	100		
65	38.7	20.6	60.6
66	53.7	35.5	75.5



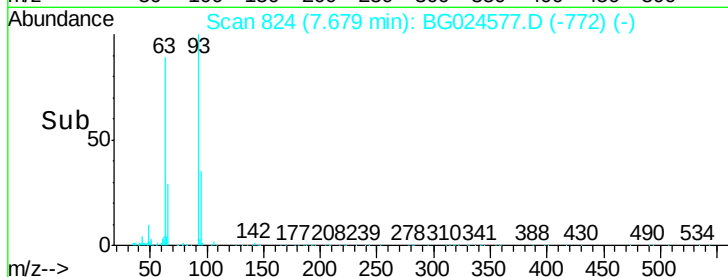
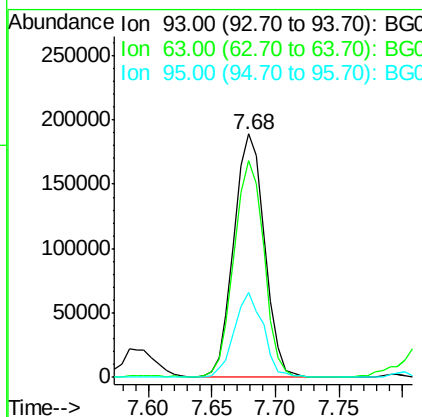
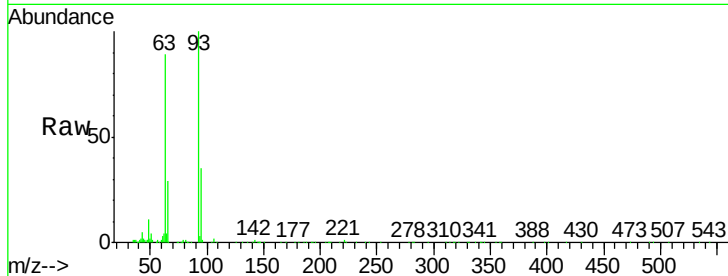


#11
bis(2-Chloroethyl)ether
Concen: 37.82 ng
RT: 7.68 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampleId :
PB94406BS

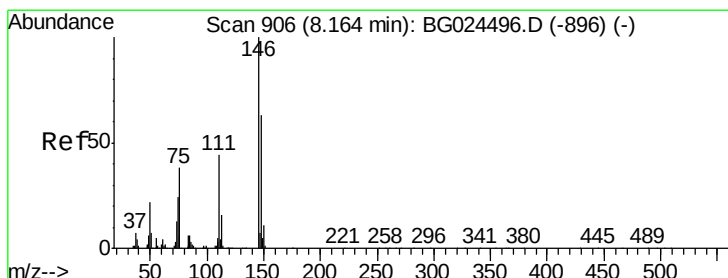
Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.0	78.5	118.5
95	34.9	9.8	49.8

Manual Integrations
APPROVED



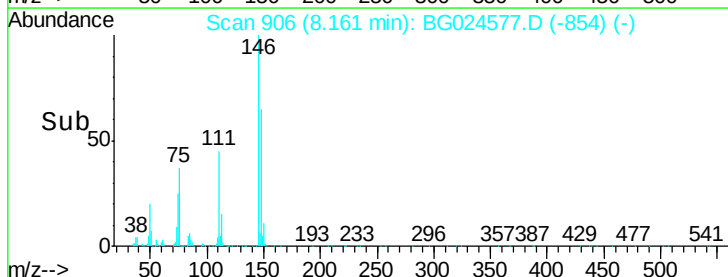
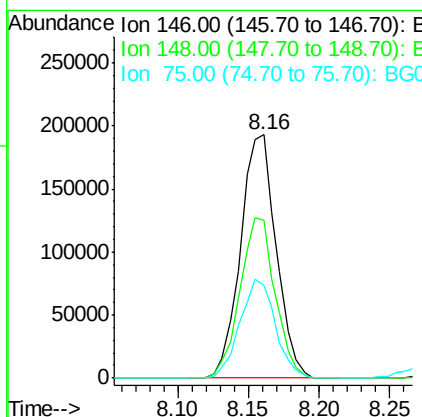
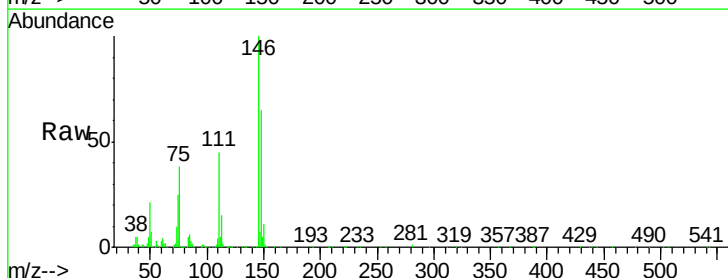
sohil

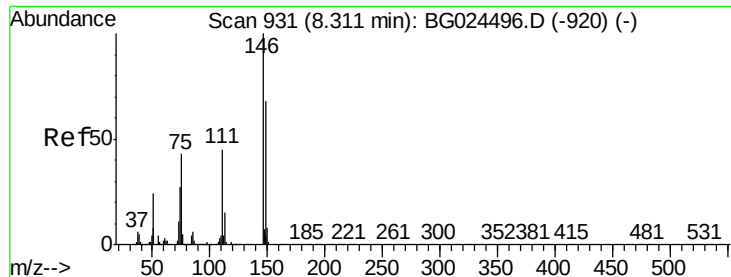
11/1/2016 4:33:34 PM



#12
1,3-Dichlorobenzene
Concen: 34.22 ng
RT: 8.16 min Scan# 906
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.2	73.8
75	38.2	33.4	50.2



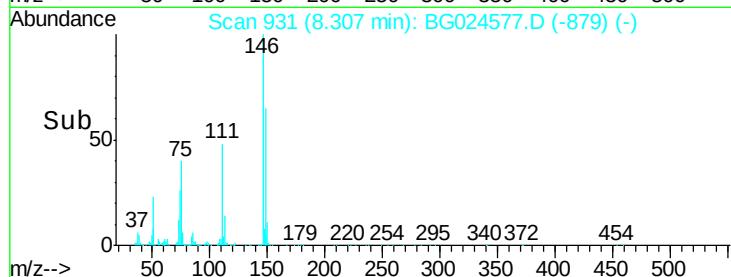
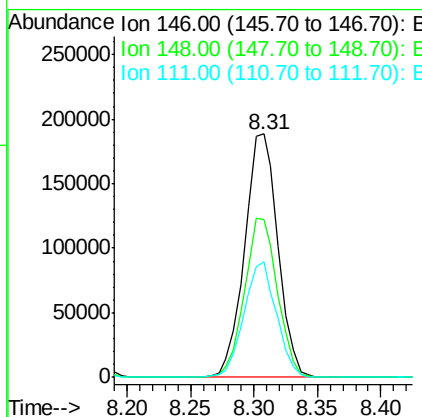
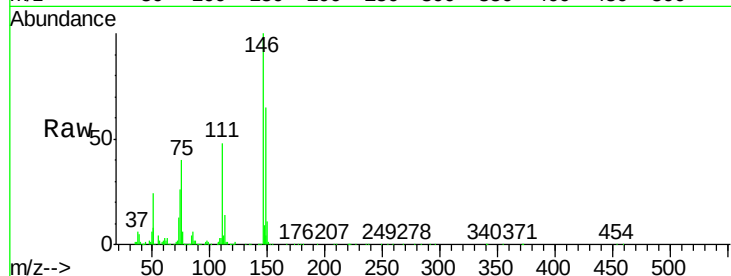


#13
1,4-Dichlorobenzene
Concen: 34.99 ng
RT: 8.31 min Scan# 931
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampleId :
PB94406BS

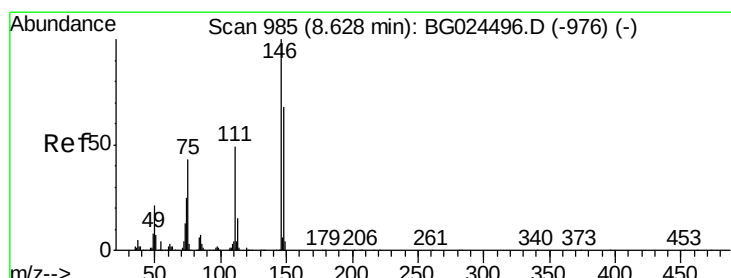
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	47.7	37.0	55.6

Manual Integrations
APPROVED



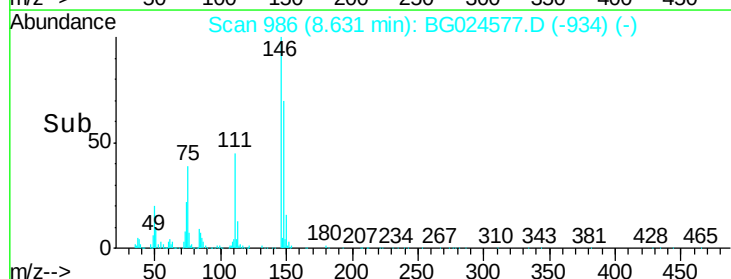
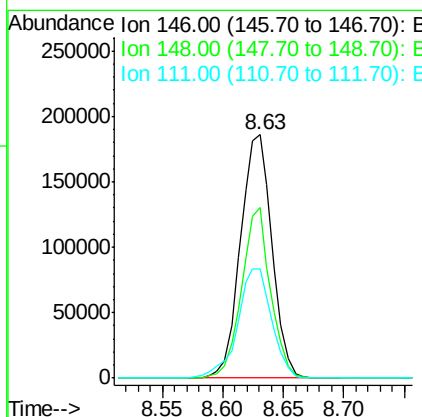
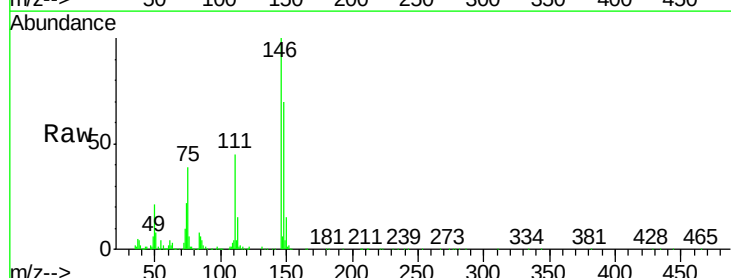
sohil

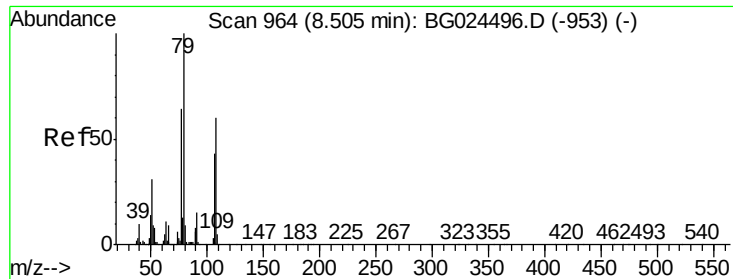
11/1/2016 4:33:34 PM



#14
1,2-Dichlorobenzene
Concen: 35.69 ng
RT: 8.63 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.2	54.6	81.8
111	44.6	39.7	59.5



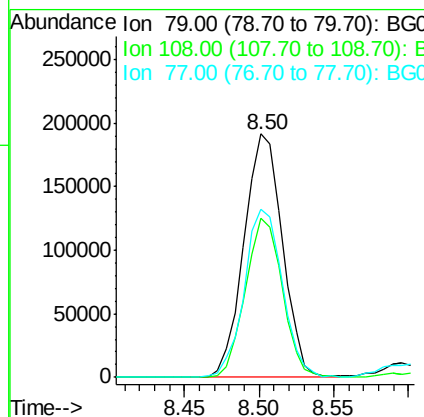
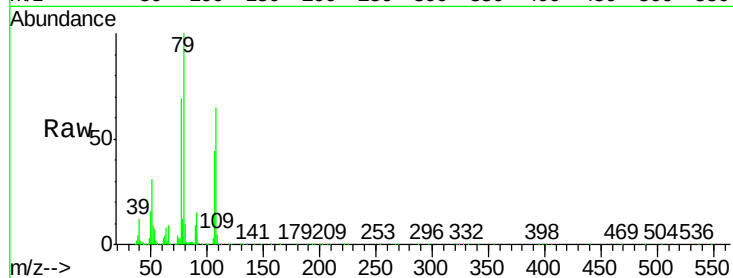


#15
Benzyl Alcohol
Concen: 33.86 ng
RT: 8.50 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampled :
PB94406BS

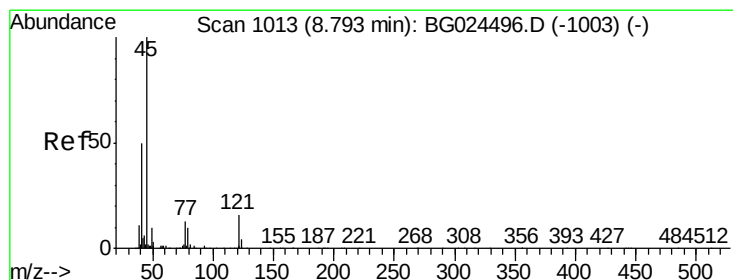
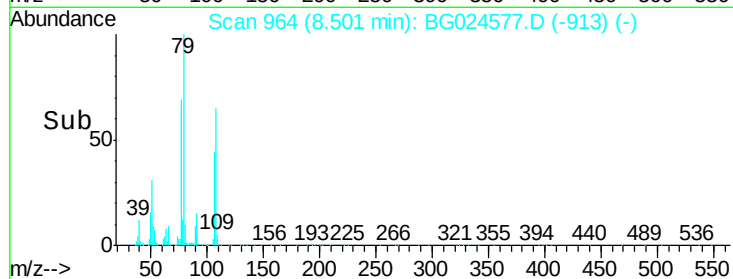
Tgt Ion	Ratio	Lower	Upper
79	100		
108	65.4	45.5	68.3
77	69.1	54.3	81.5

Manual Integrations
APPROVED



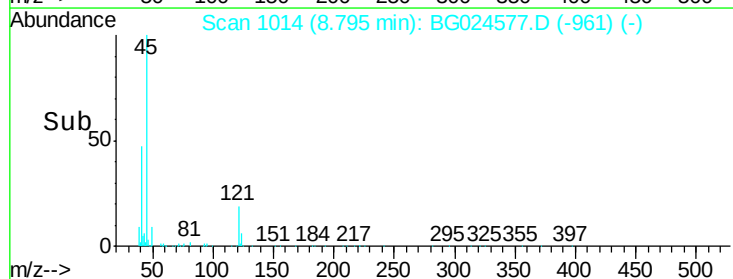
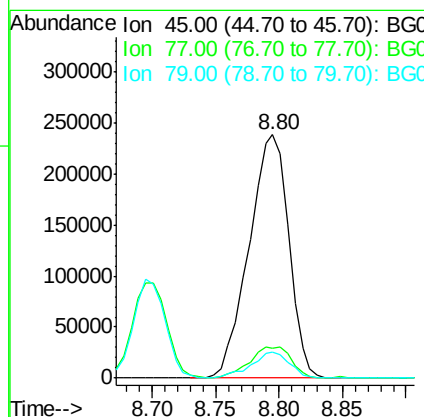
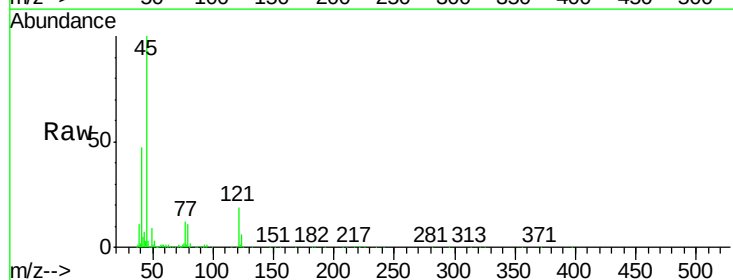
sohil

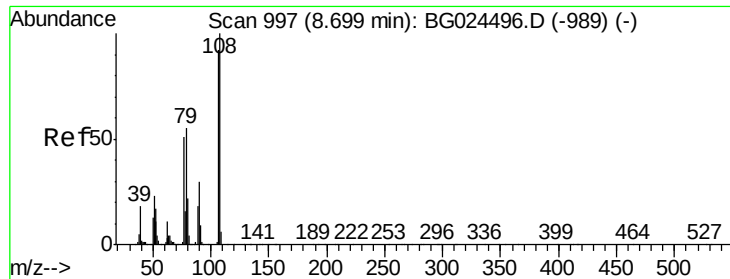
11/1/2016 4:33:34 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.44 ng
RT: 8.80 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	30.6
79	10.9	0.0	28.5



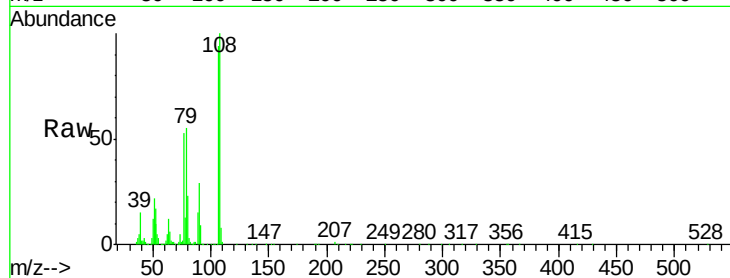


#17
2-Methylphenol
Concen: 39.14 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

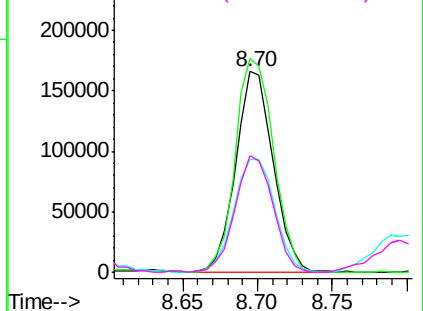
Instrument :
BNA_G
ClientSampled :
PB94406BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	289825		
108	106.4	85.6	128.4	
77	56.0	51.4	77.2	
79	58.2	49.2	73.8	

Manual Integrations
APPROVED

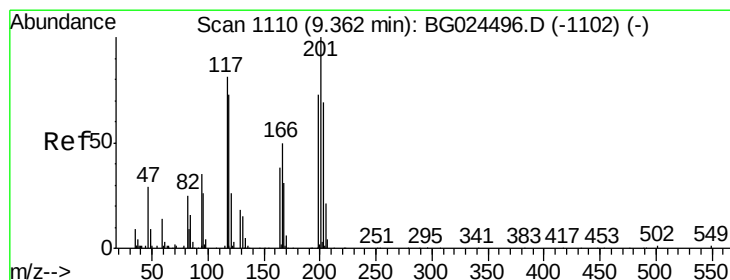
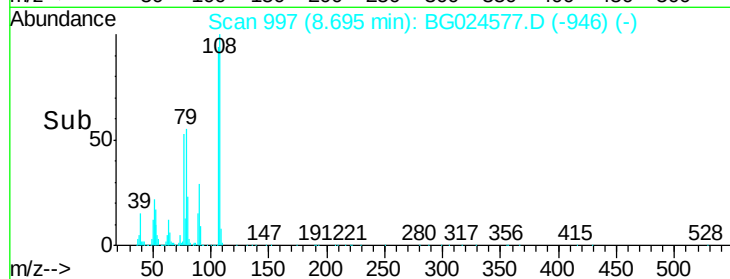


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



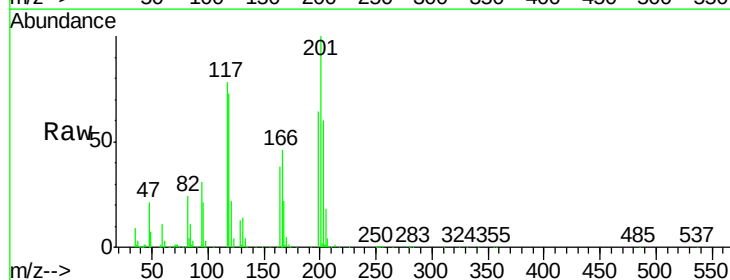
sohil

11/1/2016 4:33:34 PM

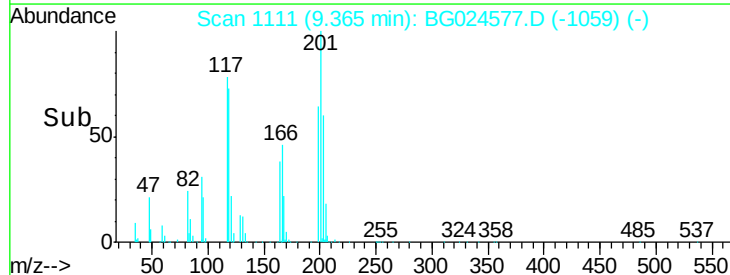
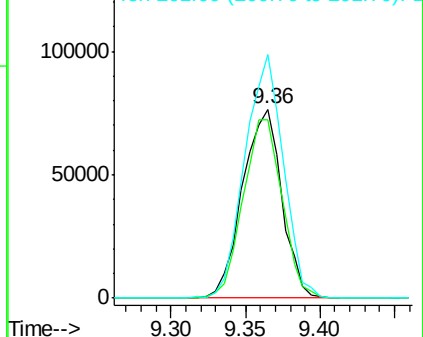


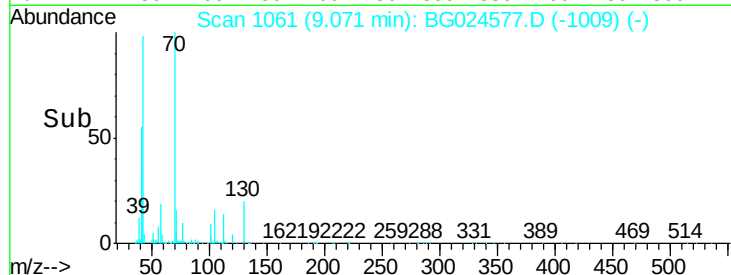
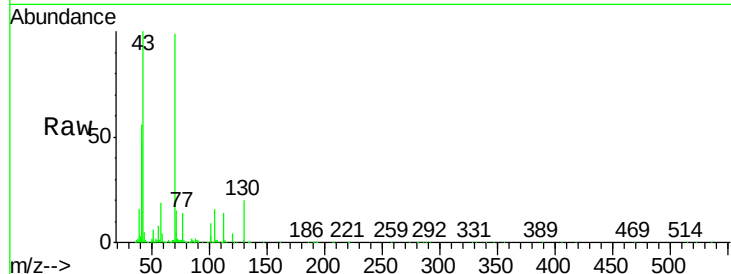
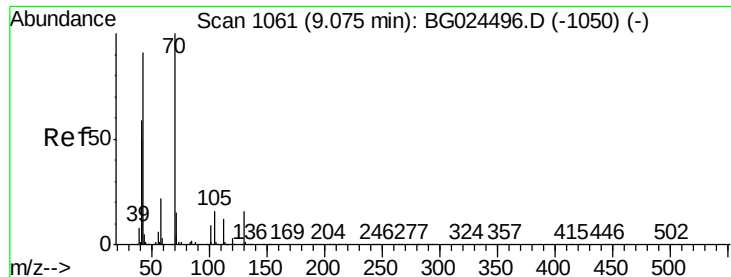
#18
Hexachloroethane
Concen: 36.74 ng
RT: 9.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	138762		
119	94.5	69.8	104.6	
201	128.7	95.4	143.0	



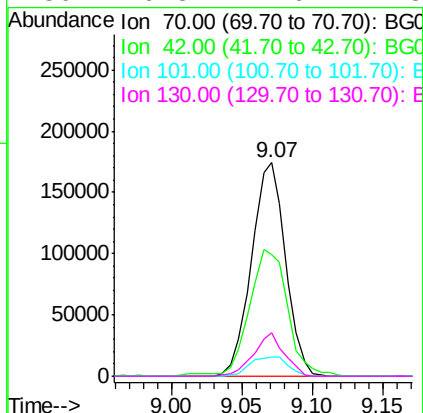
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 36.88 ng
RT: 9.07 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.7	56.1	84.1
101	9.1	7.5	11.3
130	20.3	14.6	21.8

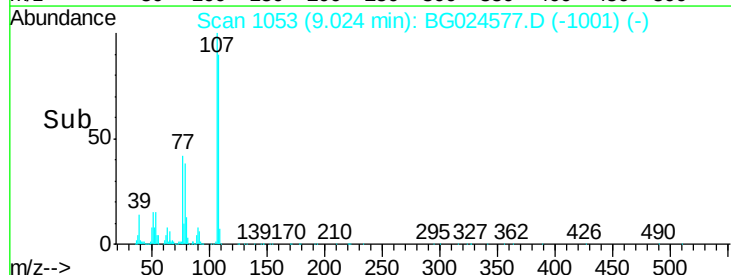
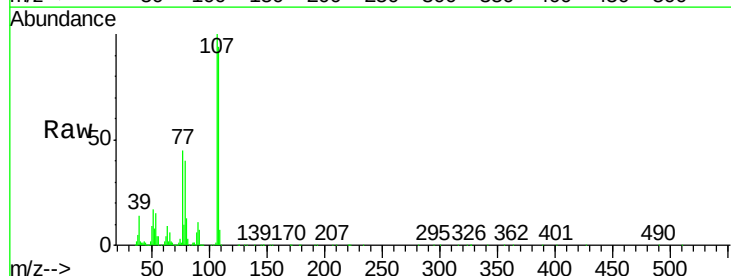
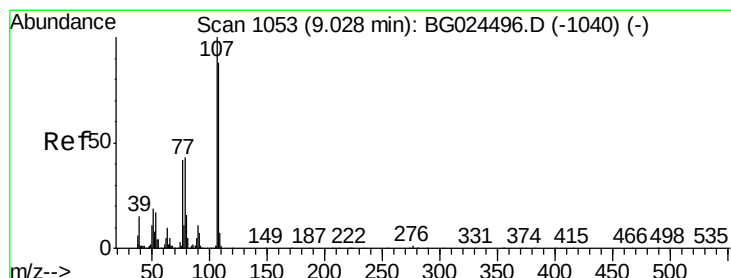


Instrument :
BNA_G
ClientSampleId :
PB94406BS

Manual Integrations
APPROVED

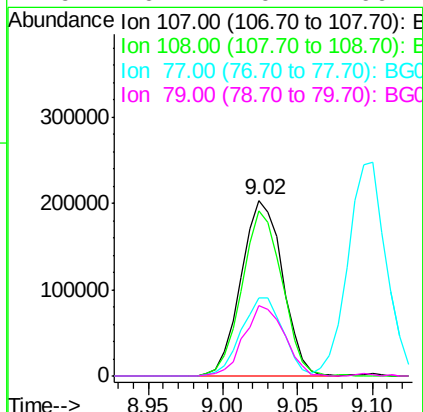
sohil

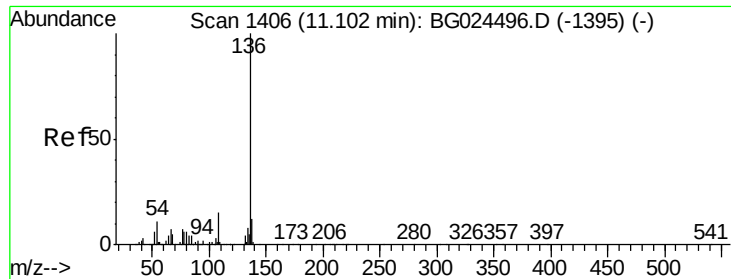
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#20
3+4-Methylphenols
Concen: 39.50 ng
RT: 9.02 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	70.8	110.8
77	44.7	25.8	65.8
79	40.1	20.1	60.1



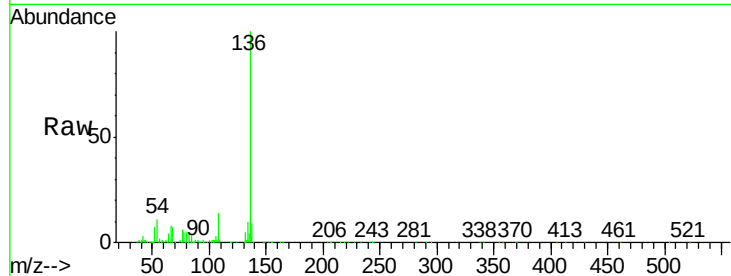


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

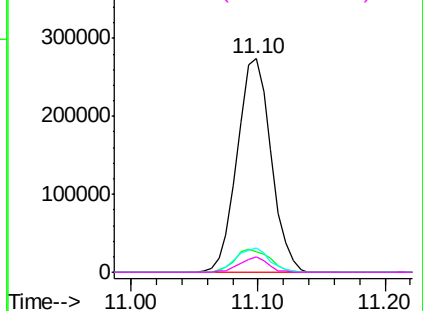
Instrument :
BNA_G
ClientSampleId :
PB94406BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	9.5	8.9	13.3
54	11.3	9.3	13.9
68	6.9	5.1	7.7

Manual Integrations
APPROVED

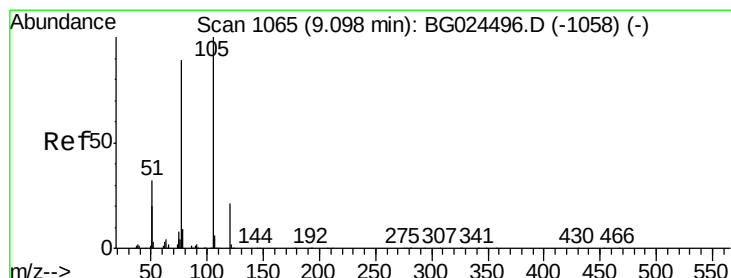
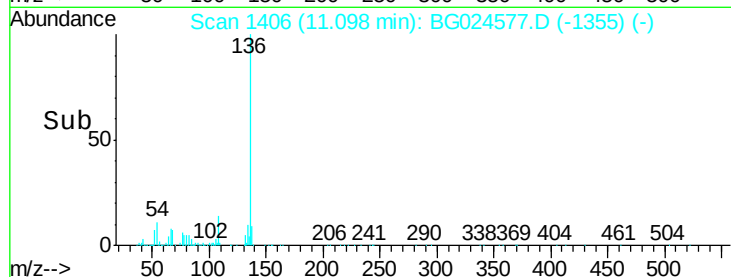


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG



sohil

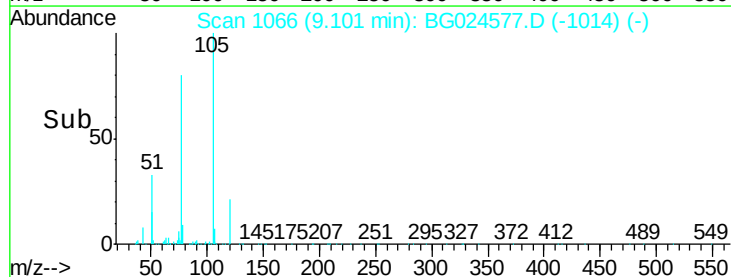
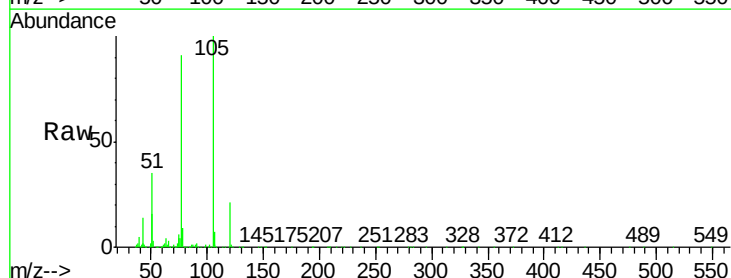
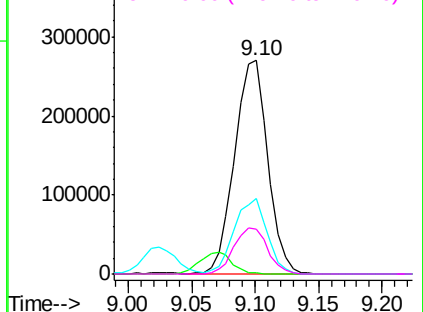
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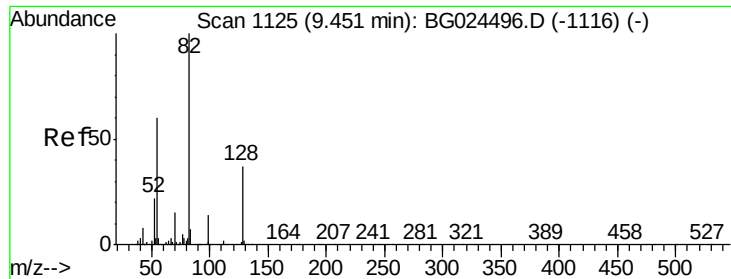


#22
Acetophenone
Concen: 37.52 ng
RT: 9.10 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.3	0.9	1.3#
51	35.1	34.0	51.0
120	21.3	17.3	25.9

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



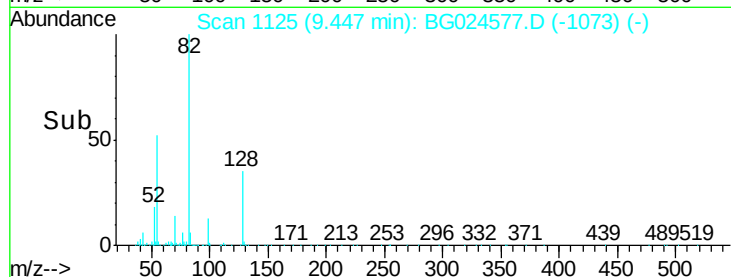
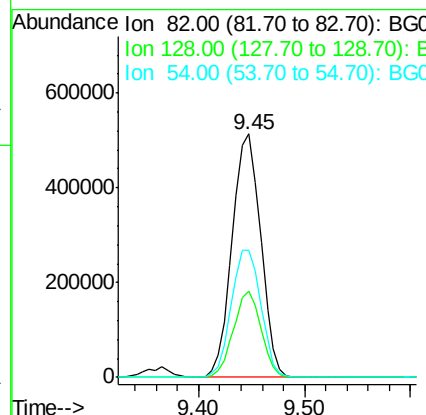
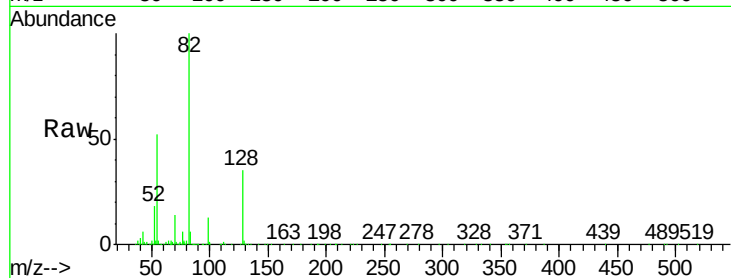


#23
 Nitrobenzene-d5
 Concen: 86.26 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Instrument :
 BNA_G
 ClientSampleId :
 PB94406BS

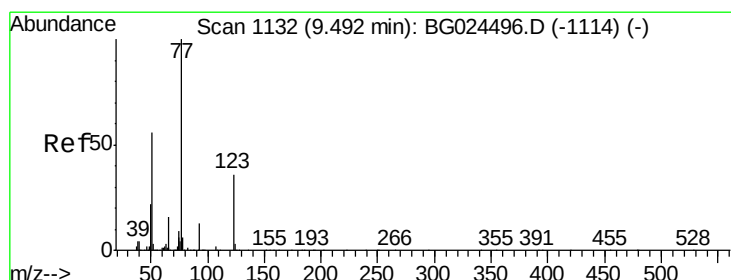
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.4	39.6
54	52.0	49.4	74.2

Manual Integrations
 APPROVED



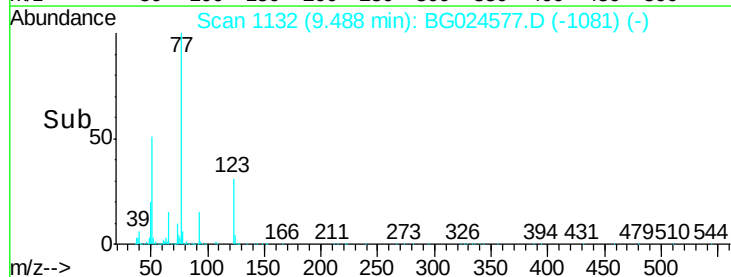
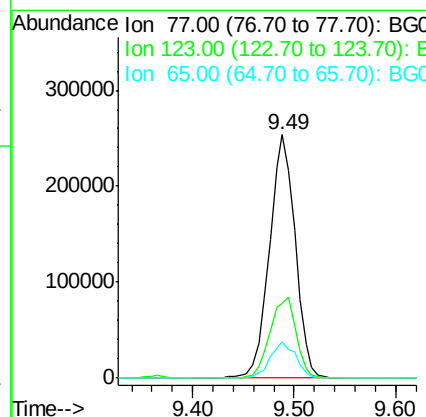
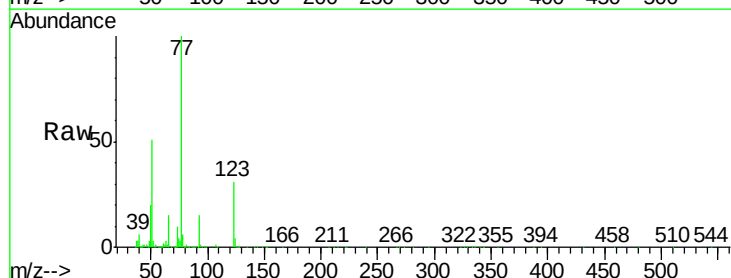
sohil

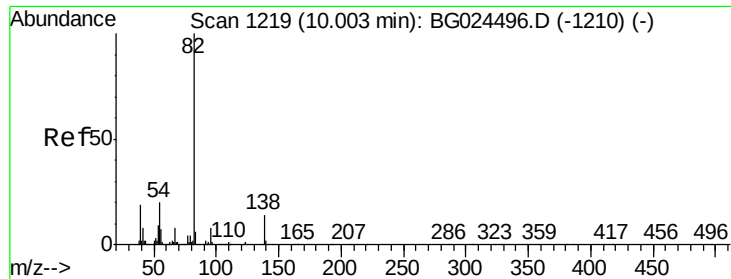
11/1/2016 4:33:34 PM



#24
 Nitrobenzene
 Concen: 36.04 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	30.5	26.1	39.1
65	15.2	12.4	18.6





#25

Isophorone

Concen: 37.86 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

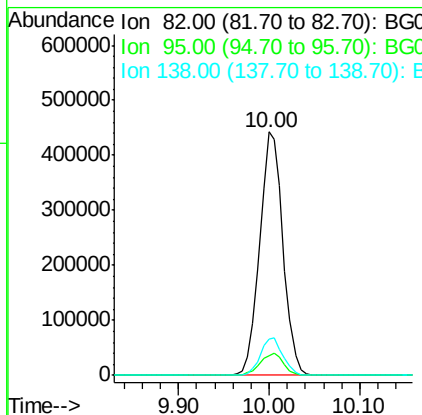
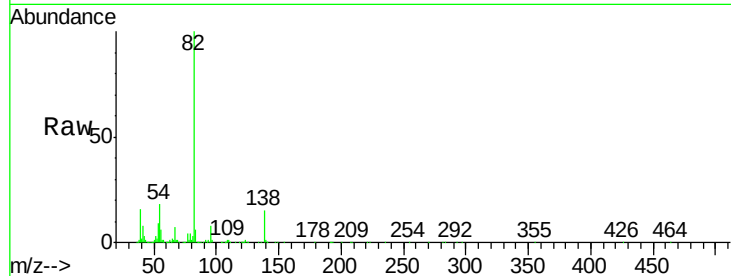
BNA_G

ClientSampled :

PB94406BS

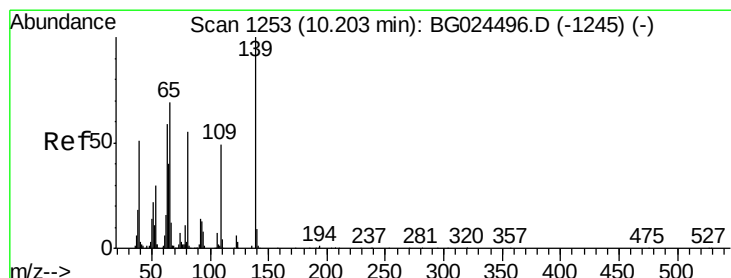
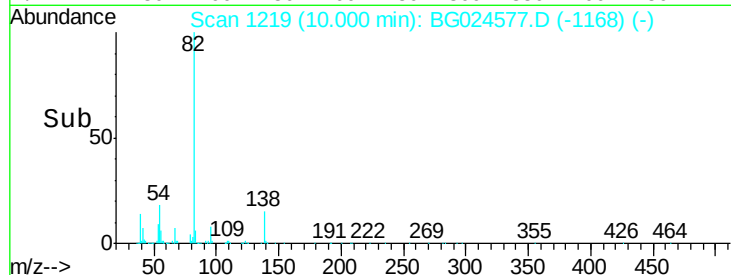
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	785653		
95	8.1	7.5	11.3	
138	14.7	12.3	18.5	

Manual Integrations
APPROVED



sohil

11/1/2016 4:33:34 PM



#26

2-Nitrophenol

Concen: 38.54 ng

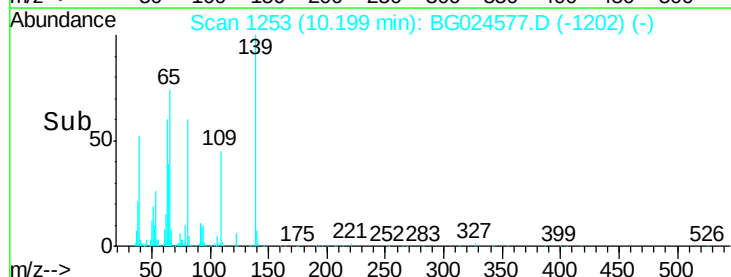
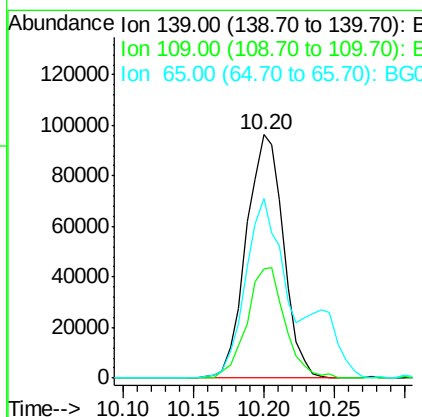
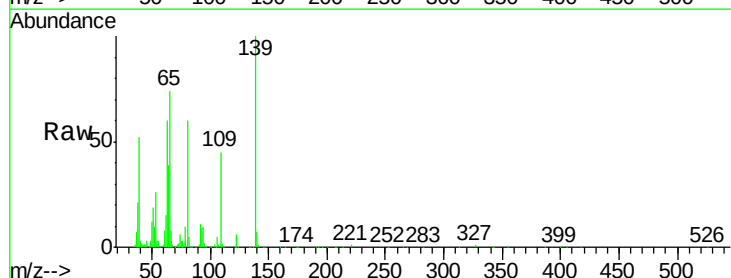
RT: 10.20 min Scan# 1253

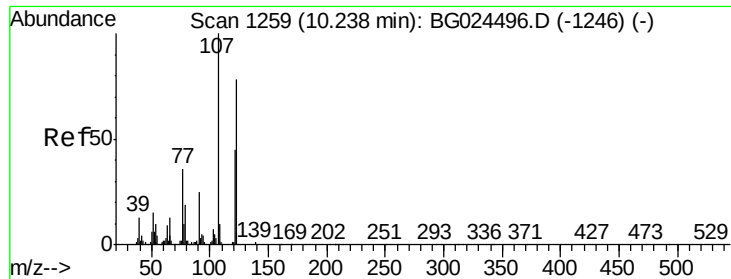
Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	177546		
109	44.7	38.6	58.0	
65	73.5	57.1	85.7	



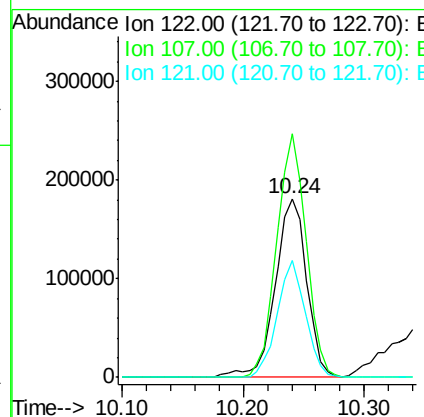
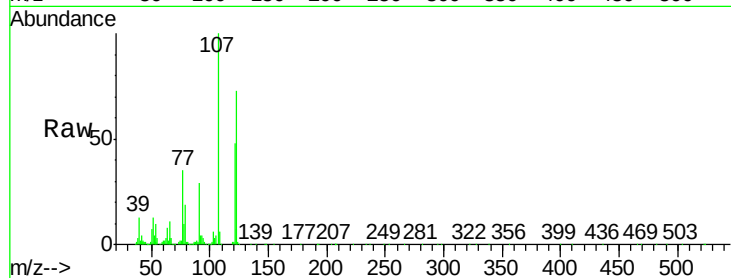


#27
 2,4-Dimethylphenol
 Concen: 40.29 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Instrument :
 BNA_G
 ClientSampled :
 PB94406BS

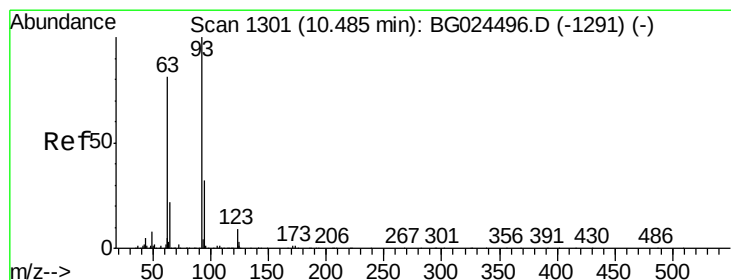
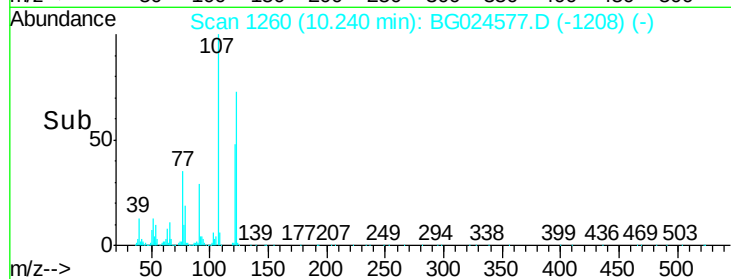
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	324900		
107	136.1	104.2	156.4	
121	65.7	46.0	69.0	

Manual Integrations
 APPROVED



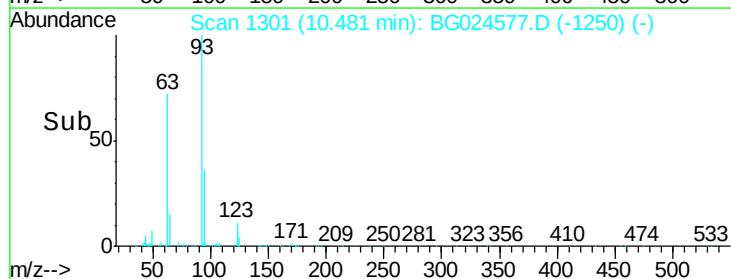
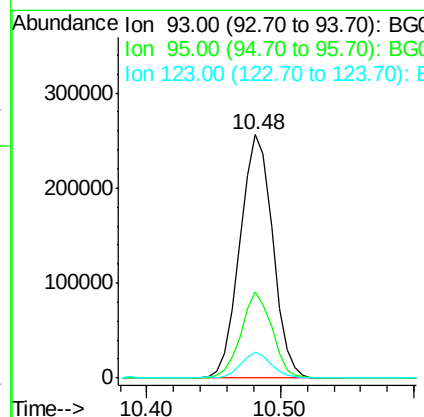
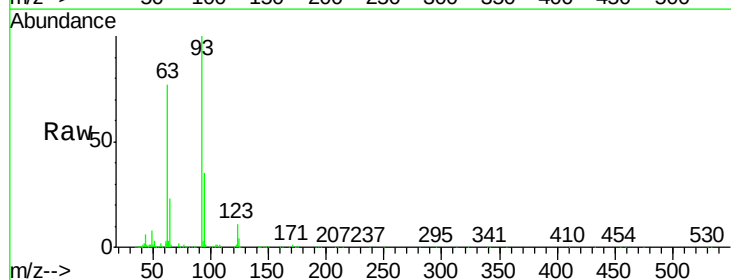
sohil

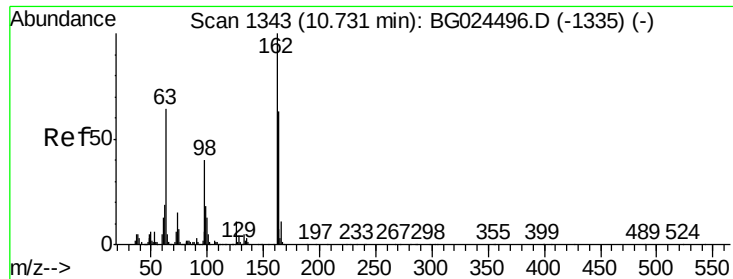
11/1/2016 4:33:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.51 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	434896		
95	35.4	25.7	38.5	
123	10.5	8.3	12.5	



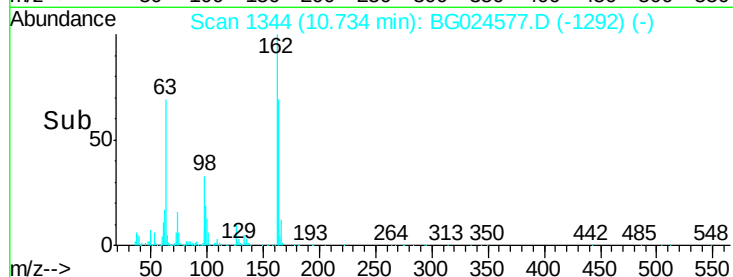
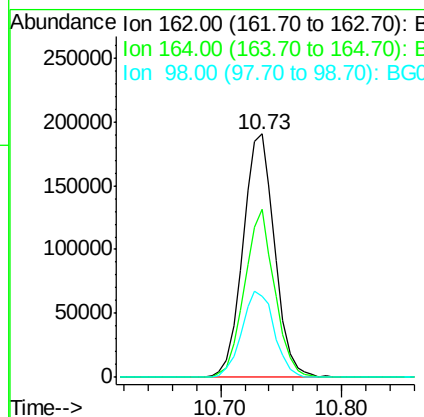
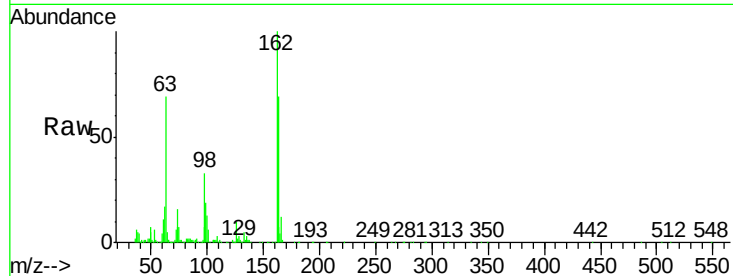


#29
2,4-Dichlorophenol
Concen: 41.07 ng
RT: 10.73 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampleId :
PB94406BS

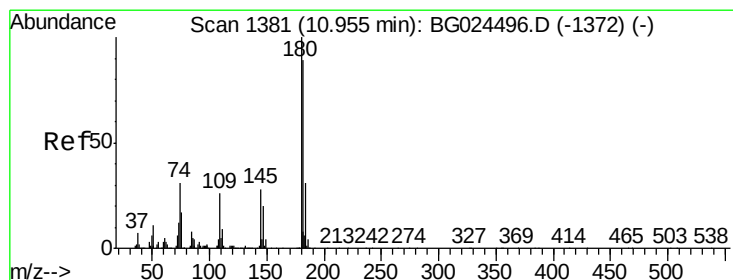
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	69.3	42.4	82.4
98	33.4	20.3	60.3

Manual Integrations
APPROVED



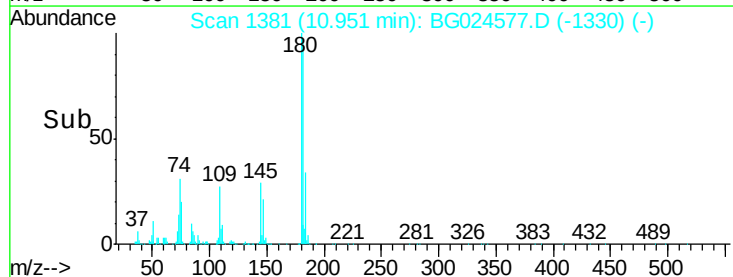
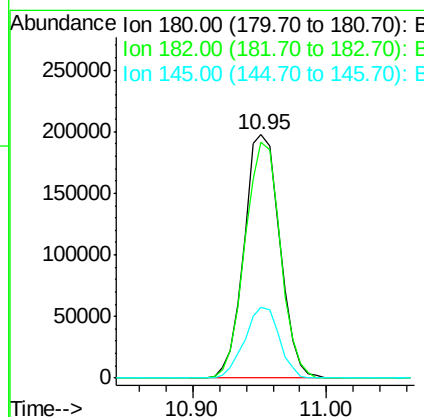
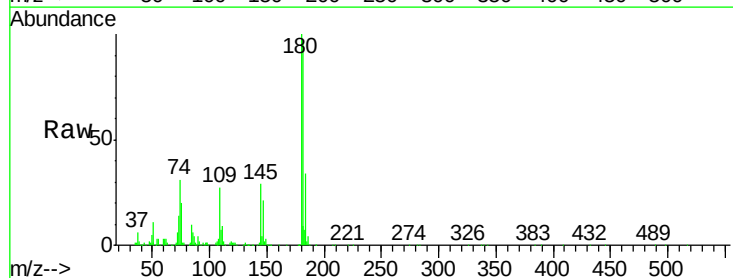
sohil

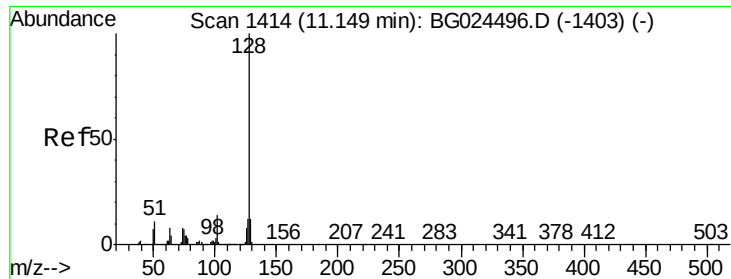
11/1/2016 4:33:34 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.23 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.9	77.0	115.4
145	29.3	23.4	35.0



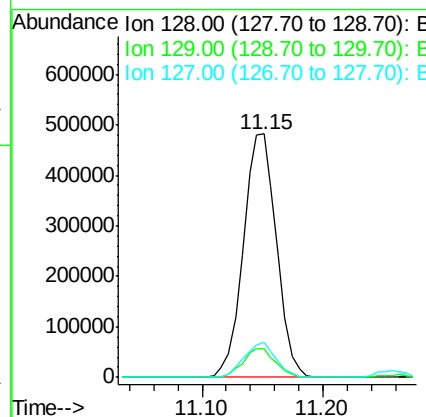
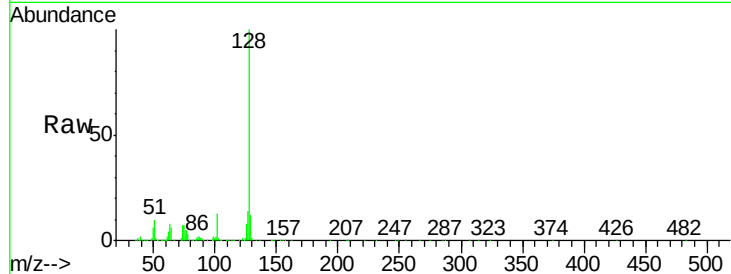


#31
Naphthalene
Concen: 36.15 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampled :
PB94406BS

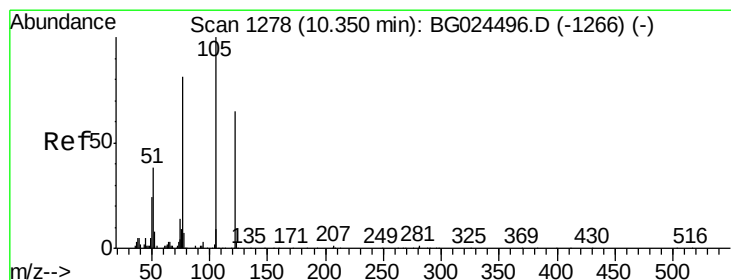
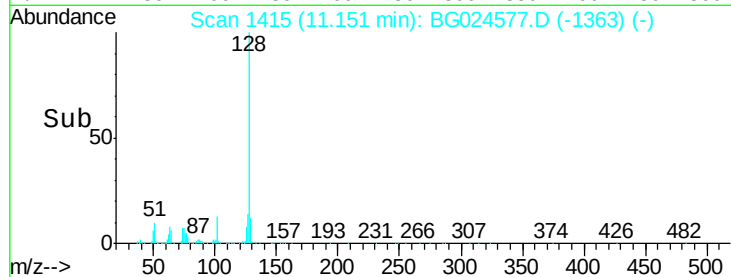
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	915933		
129	11.9	9.3	13.9	
127	14.2	11.4	17.0	

Manual Integrations
APPROVED



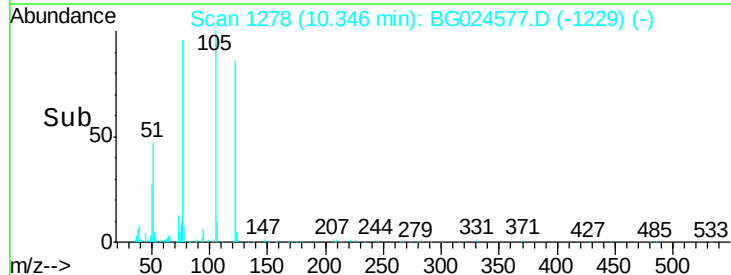
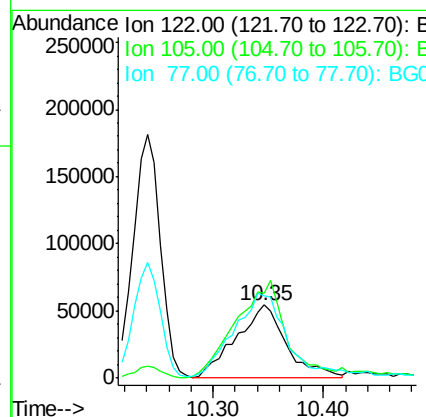
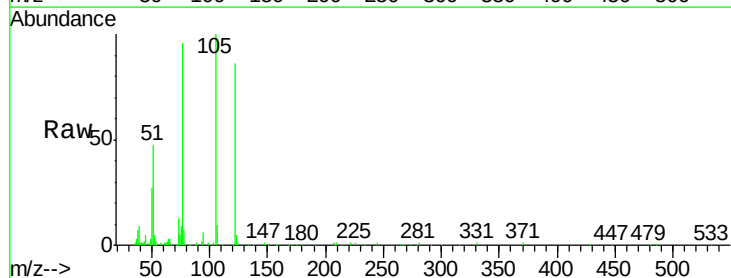
sohil

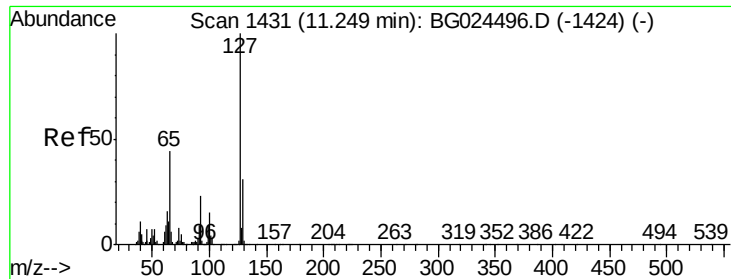
11/1/2016 4:33:34 PM



#32
Benzoic acid
Concen: 25.12 ng
RT: 10.35 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	168708		
105	116.9	120.1	160.1#	
77	112.5	104.6	144.6	



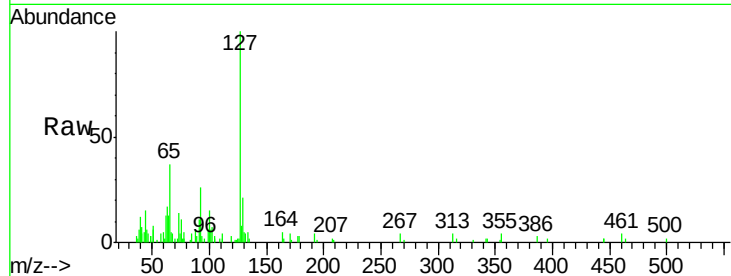


#33
4-Chloroaniline
Concen: 2.20 ng
RT: 11.26 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

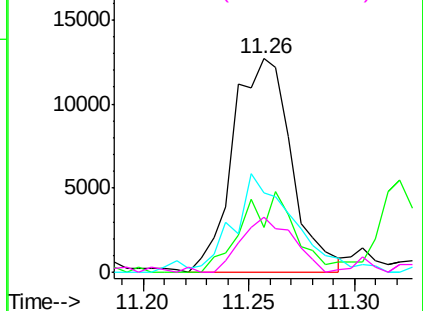
Instrument :
BNA_G
ClientSampleId :
PB94406BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	21.1	23.6	35.4#
65	37.2	37.7	56.5#
92	25.5	17.6	26.4

Manual Integrations
APPROVED

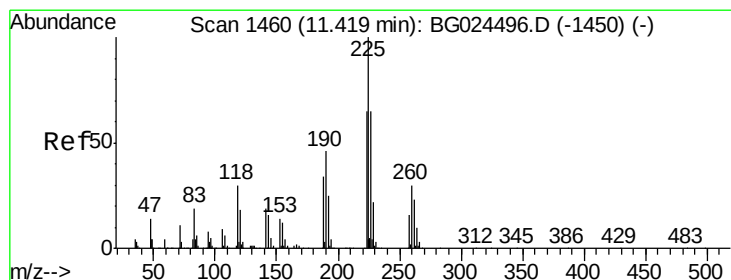
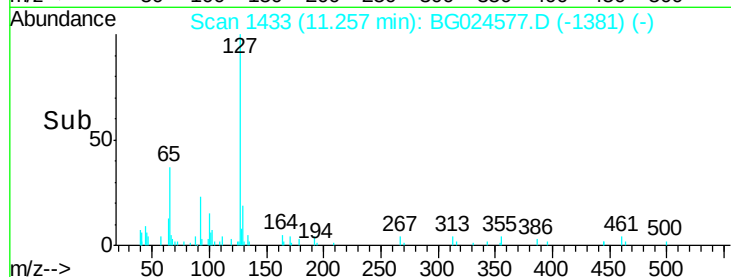


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



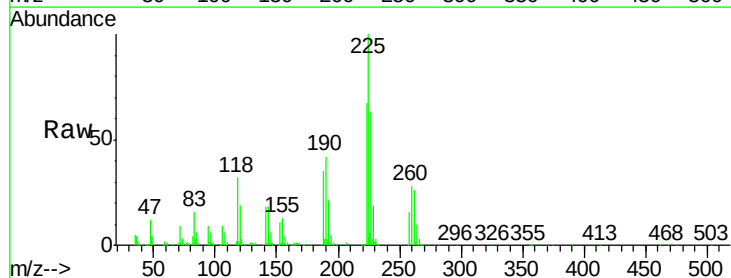
sohil

11/1/2016 4:33:34 PM

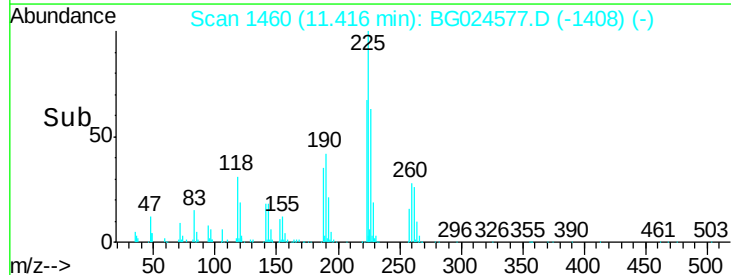
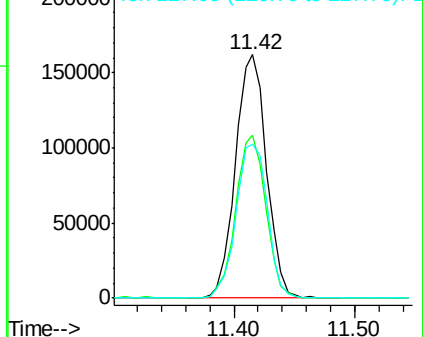


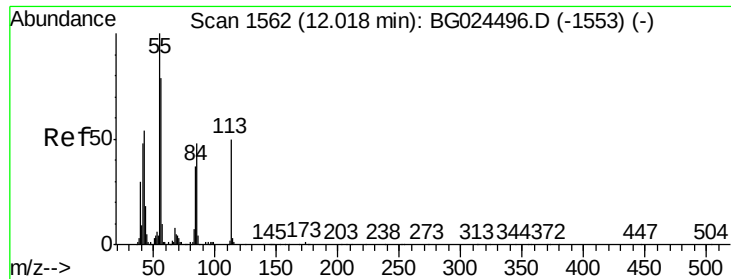
#34
Hexachlorobutadiene
Concen: 36.92 ng
RT: 11.42 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	66.8	50.7	76.1
227	63.4	49.0	73.6



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



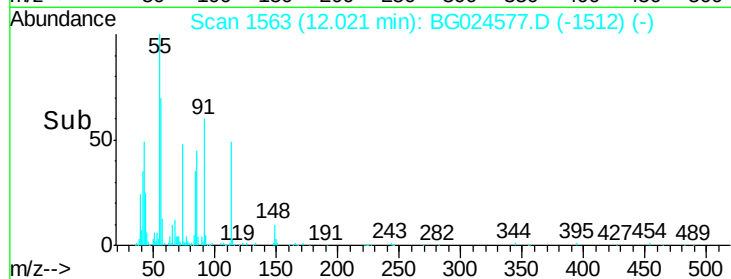
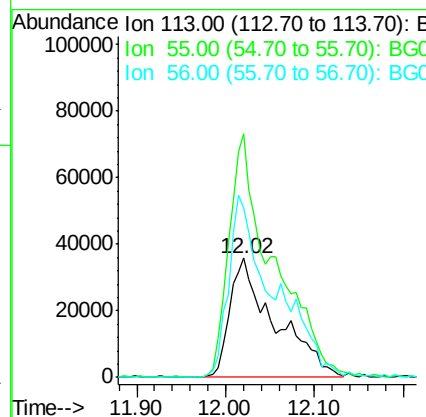
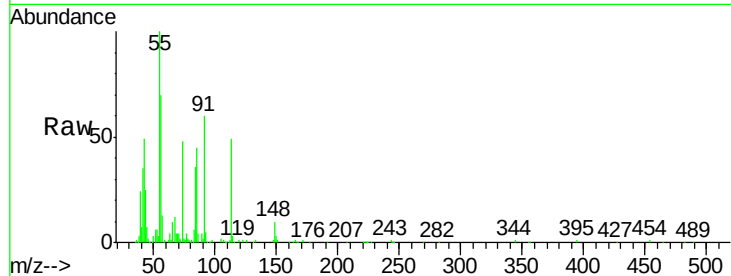


#35
 Caprolactam
 Concen: 40.86 ng m
 RT: 12.02 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Instrument :
 BNA_G
 ClientSampleId :
 PB94406BS

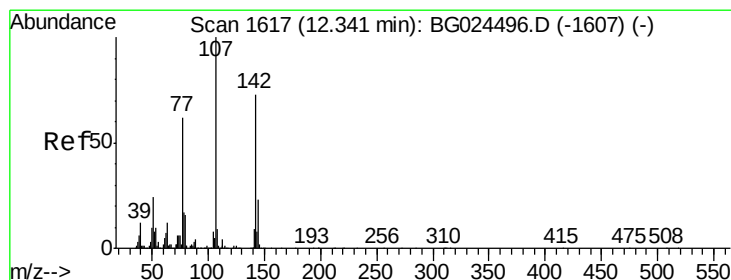
Tgt Ion	Ratio	Lower	Upper
113	100		
55	204.4	198.6	238.6
56	142.5	140.4	180.4

Manual Integrations
 APPROVED



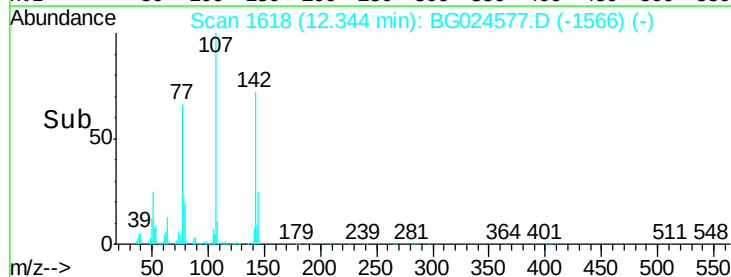
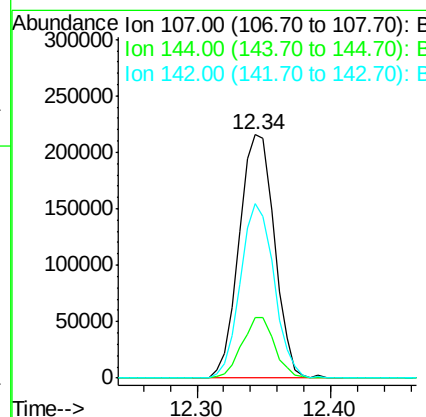
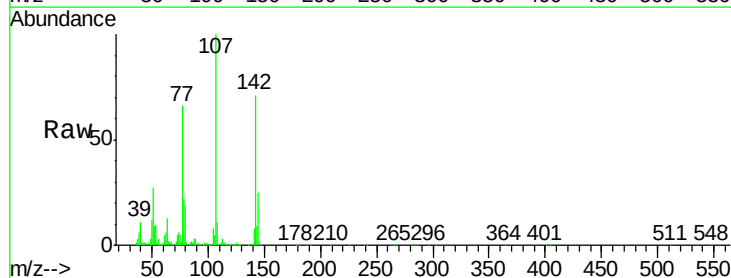
sohil

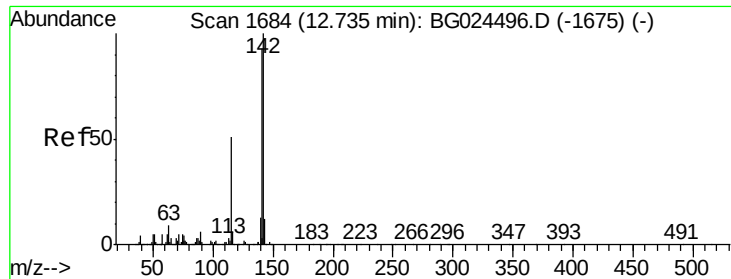
11/1/2016 4:33:34 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.60 ng
 RT: 12.34 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	17.4	26.0
142	71.5	54.1	81.1



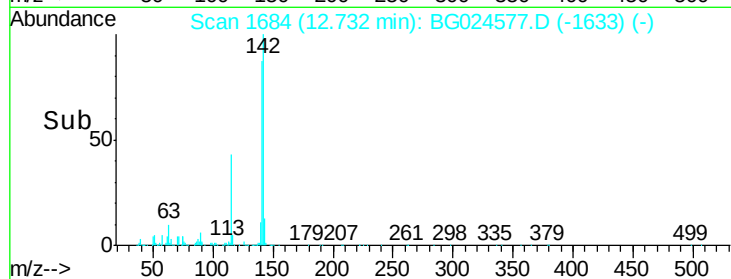
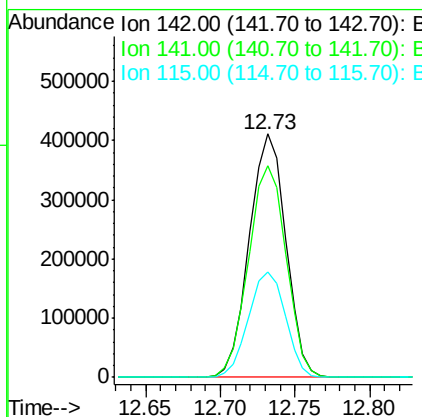
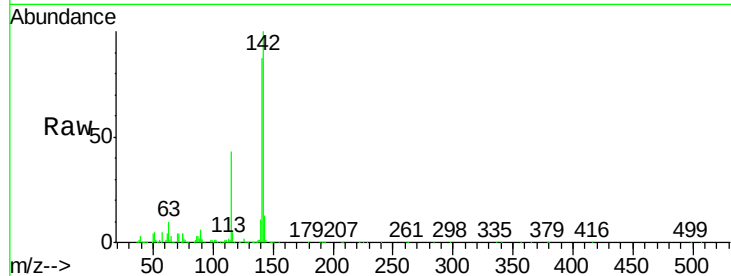


#37
2-Methylnaphthalene
Concen: 37.54 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampleId :
PB94406BS

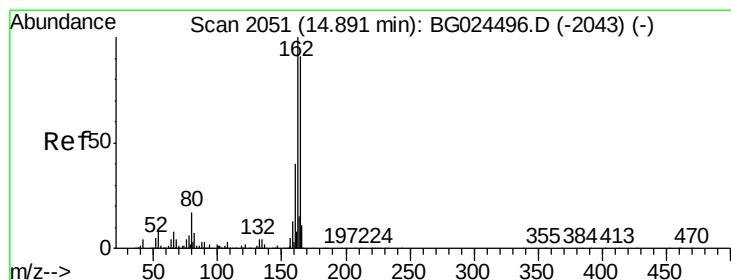
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.4	105.6
115	43.2	35.5	53.3

Manual Integrations
APPROVED



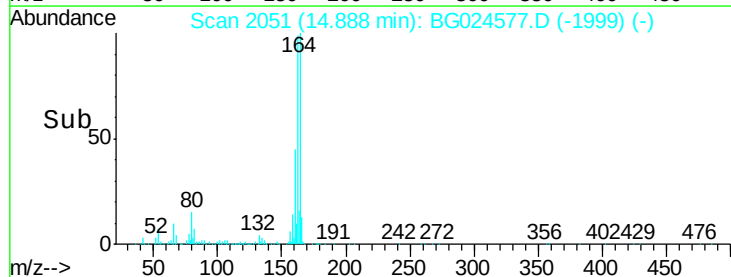
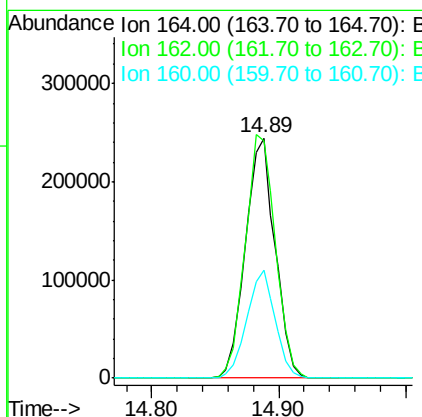
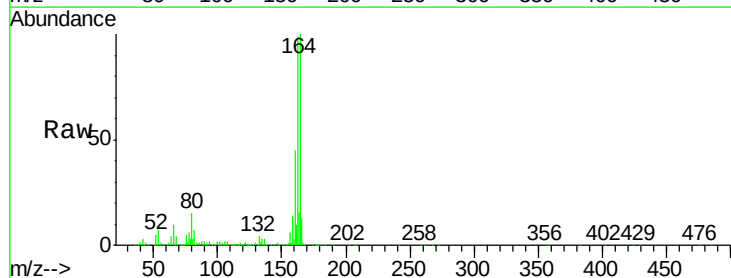
sohil

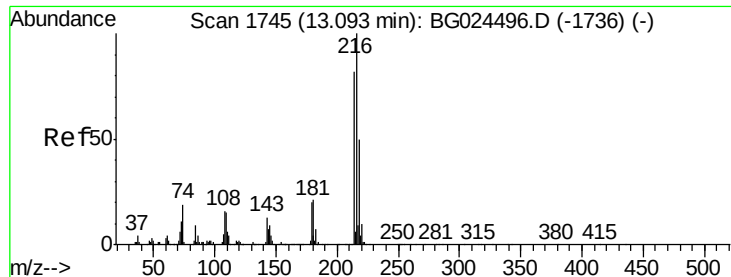
11/1/2016 4:33:34 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	85.1	127.7
160	44.8	34.7	52.1



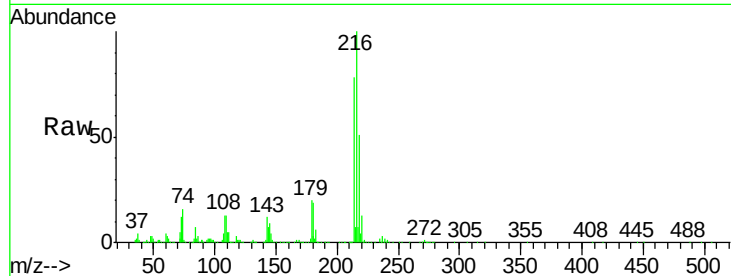


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.79 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

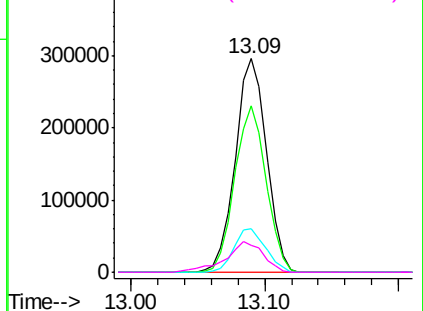
Instrument :
 BNA_G
 ClientSampled :
 PB94406BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	477879		
214	78.7	64.4	96.6	
179	20.8	17.4	26.0	
108	17.3	15.6	23.4	

Manual Integrations
 APPROVED

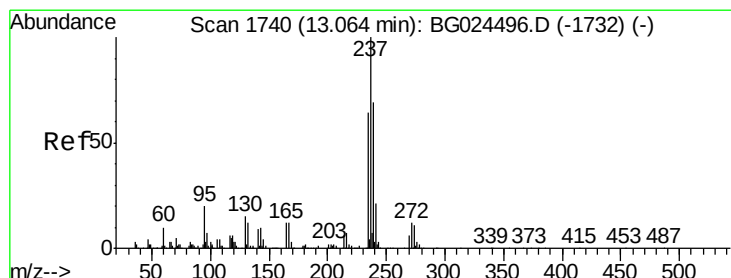
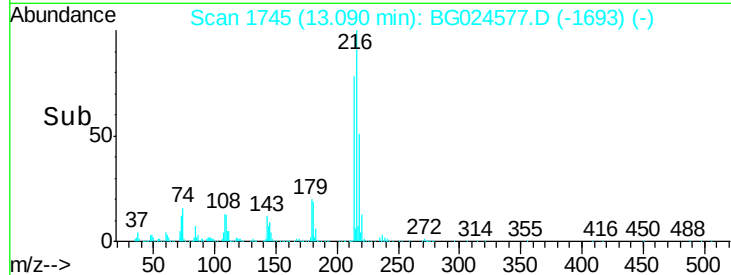


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



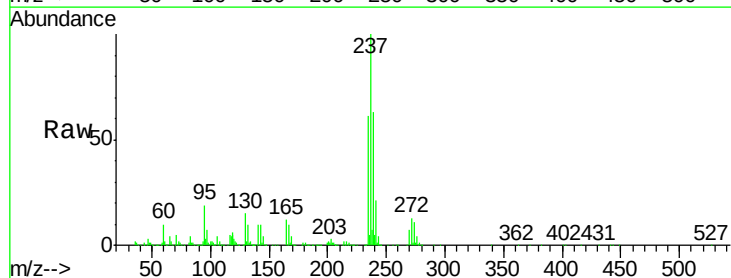
sohil

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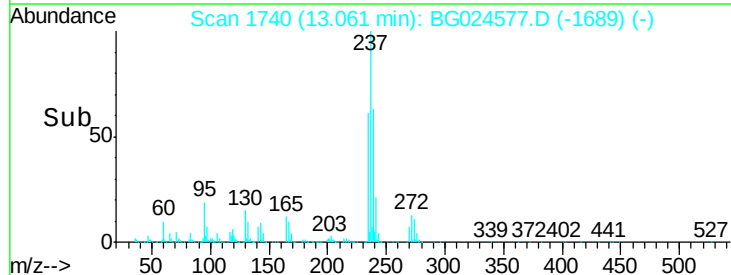
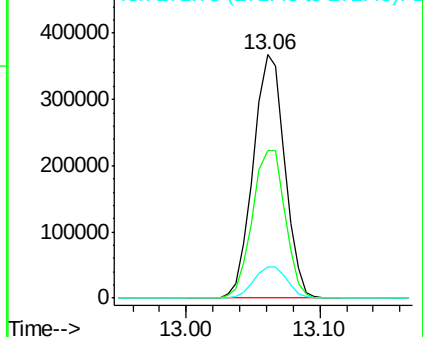


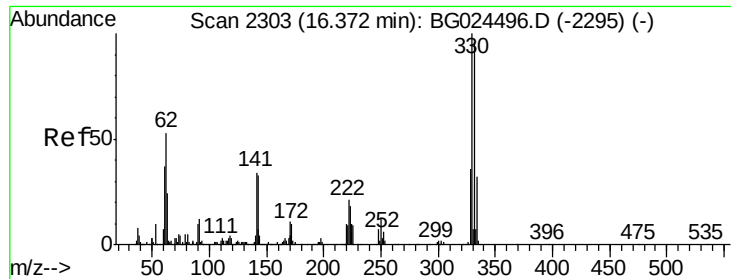
#40
 Hexachlorocyclopentadiene
 Concen: 79.41 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	597038		
235	60.5	39.4	79.4	
272	12.8	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



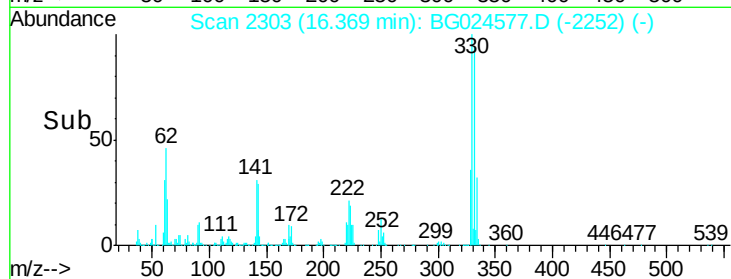
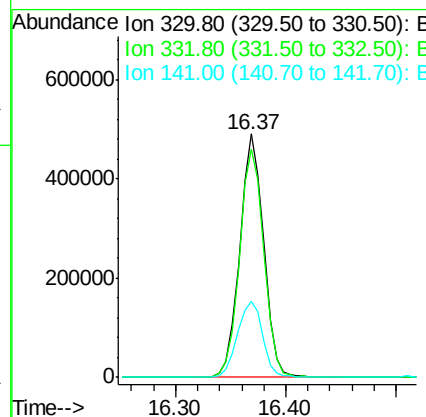
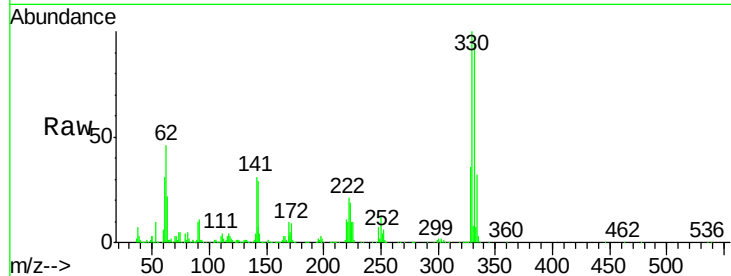


#41
2,4,6-Tribromophenol
Concen: 126.00 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampled :
PB94406BS

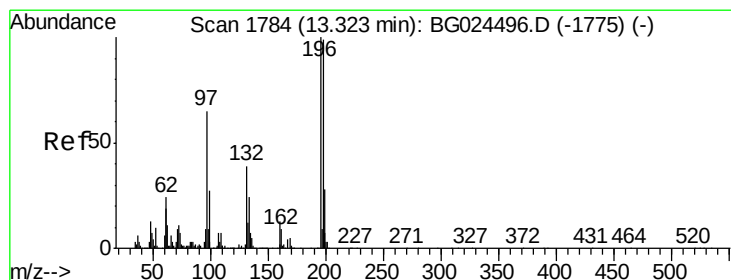
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	33.0	32.1	48.1

Manual Integrations
APPROVED



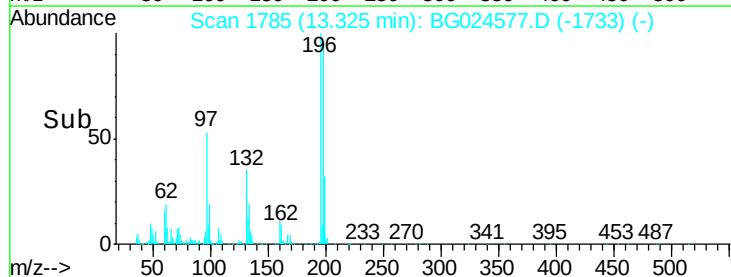
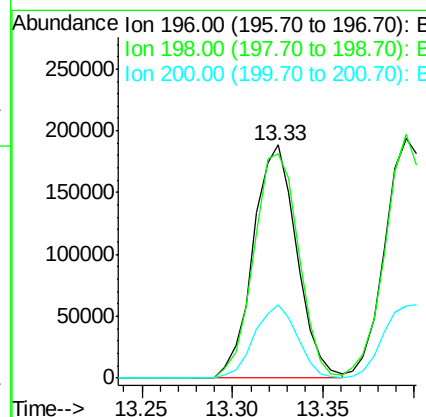
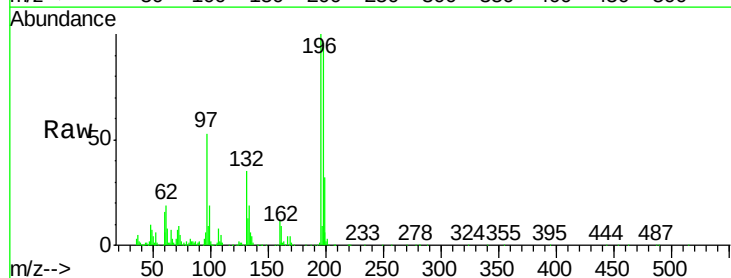
sohil

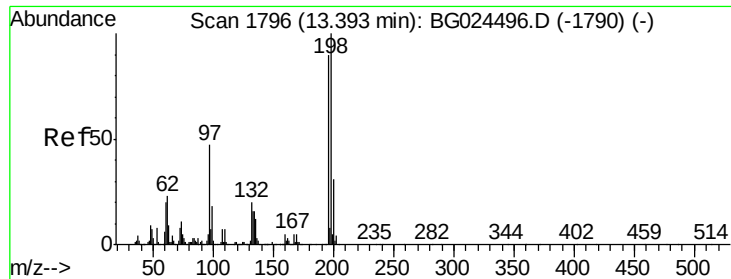
11/1/2016 4:33:34 PM



#42
2,4,6-Trichlorophenol
Concen: 39.20 ng
RT: 13.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	81.4	122.2
200	31.7	27.0	40.6



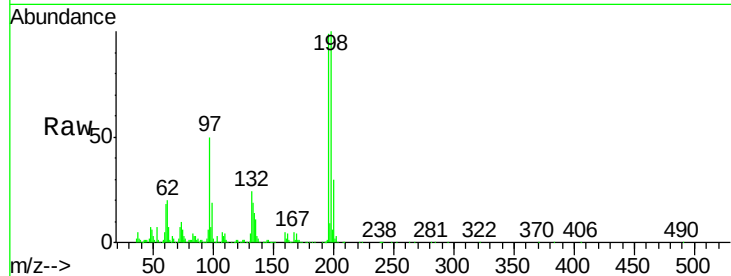


#43
 2,4,5-Trichlorophenol
 Concen: 37.85 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

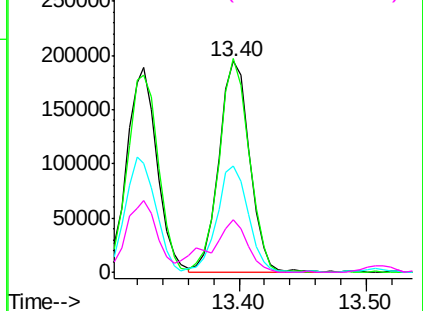
Instrument :
 BNA_G
 ClientSampleId :
 PB94406BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.4	79.9	119.9	
97	50.6	45.4	68.0	
132	24.7	20.7	31.1	

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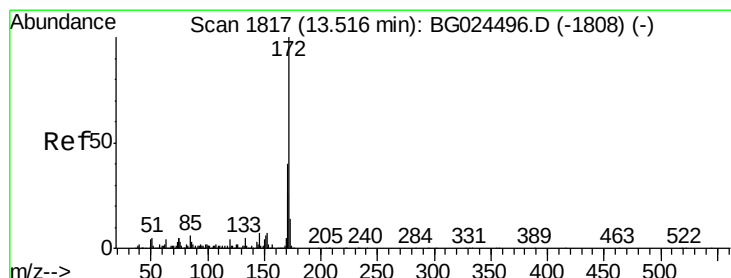
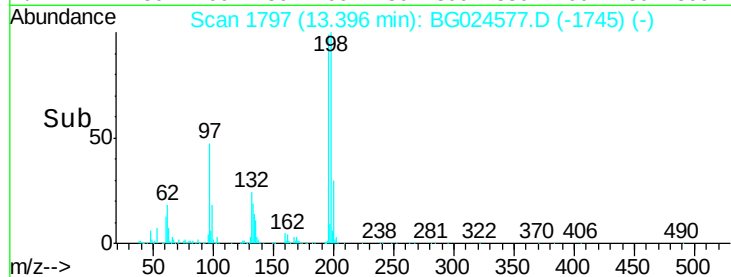


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E



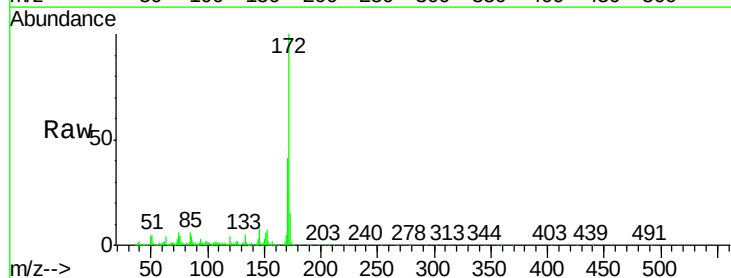
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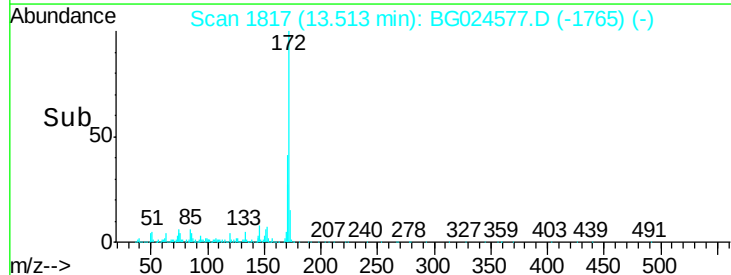
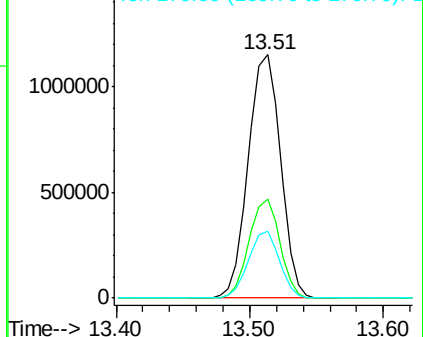


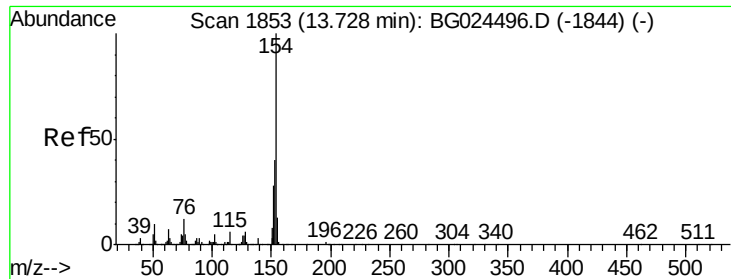
#44
 2-Fluorobiphenyl
 Concen: 80.73 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	40.7	32.2	48.2	
170	27.4	21.8	32.6	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



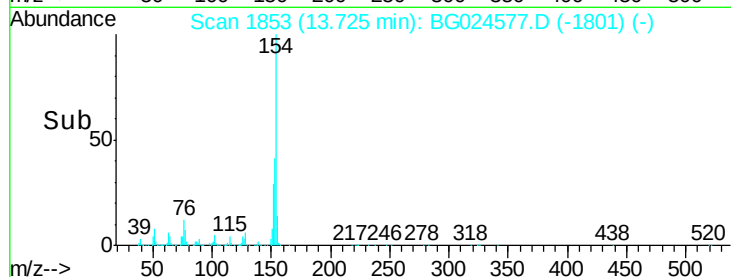
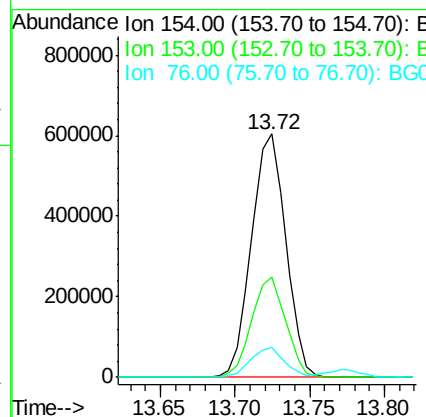
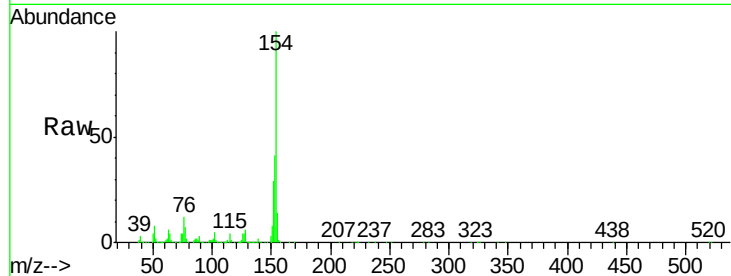


#45
1,1'-Biphenyl
Concen: 34.87 ng
RT: 13.72 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampleId :
PB94406BS

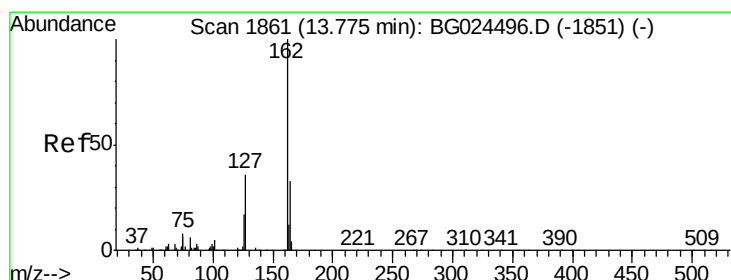
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.0	63.0
76	12.3	0.0	33.5

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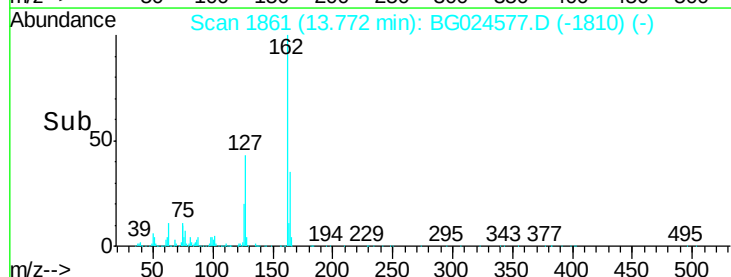
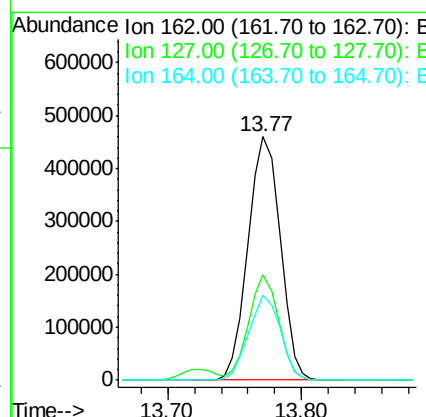
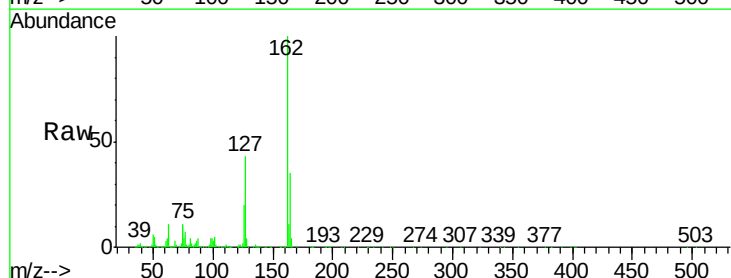
sohil

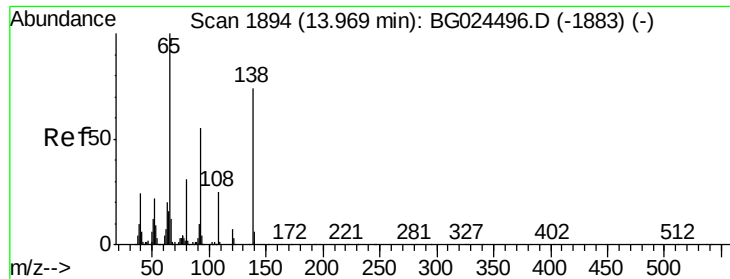
11/1/2016 4:33:34 PM



#46
2-Chloronaphthalene
Concen: 36.68 ng
RT: 13.77 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	32.2	48.4
164	34.8	27.3	40.9





#47

2-Nitroaniline

Concen: 34.52 ng

RT: 13.97 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

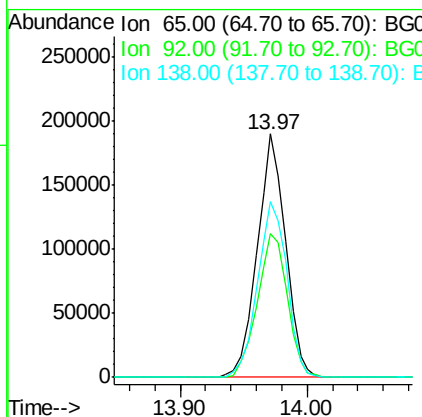
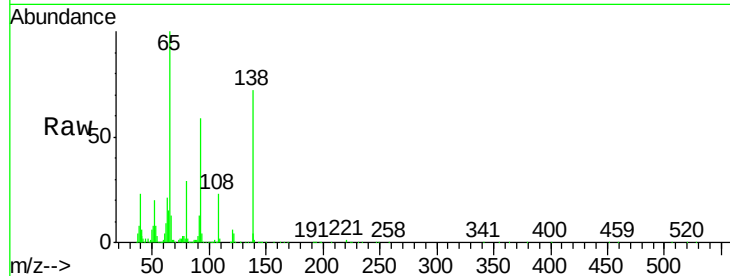
BNA_G

ClientSampled :

PB94406BS

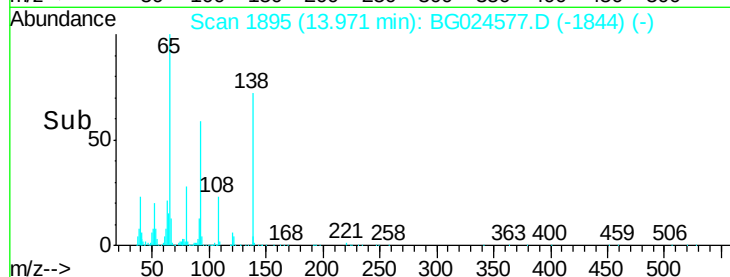
Tgt Ion:	65	Resp:	295646
Ion Ratio	Lower	Upper	
65	100		
92	59.1	49.0	73.4
138	72.4	58.6	87.8

Manual Integrations
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#48

Acenaphthylene

Concen: 35.94 ng

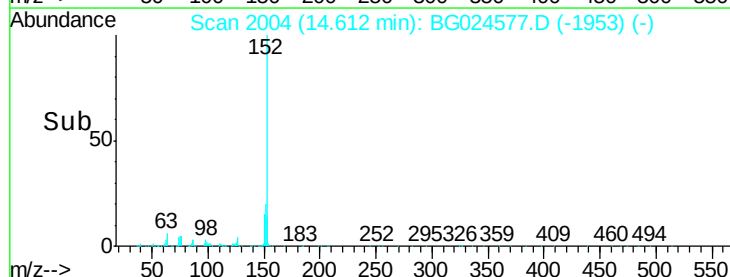
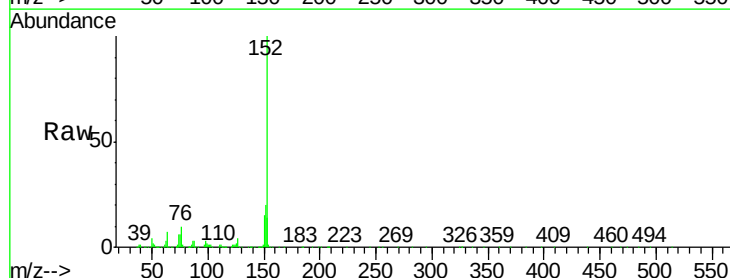
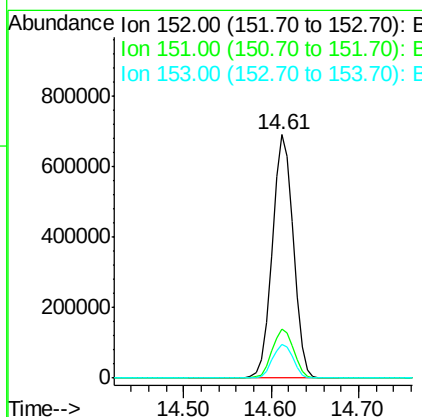
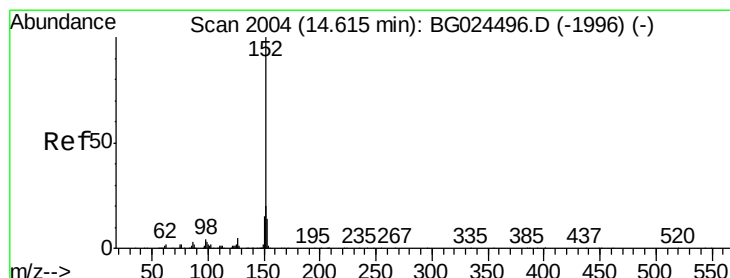
RT: 14.61 min Scan# 2004

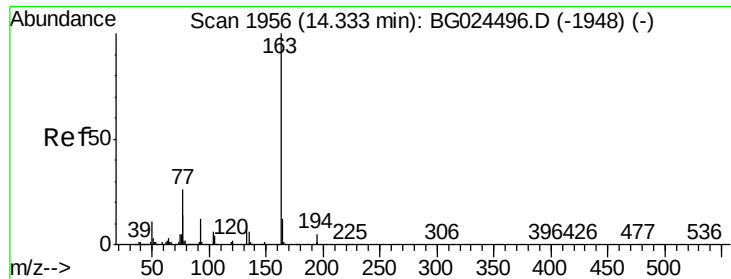
Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Tgt Ion:	152	Resp:	1152724
Ion Ratio	Lower	Upper	
152	100		
151	20.2	18.2	27.2
153	13.8	11.3	16.9



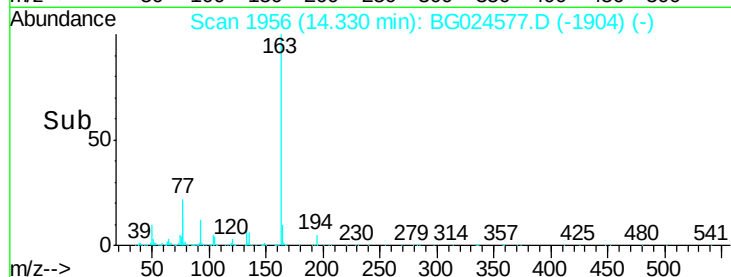
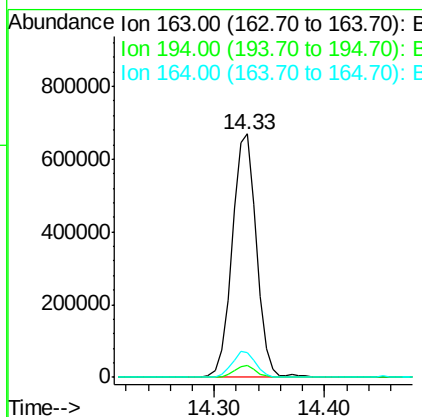
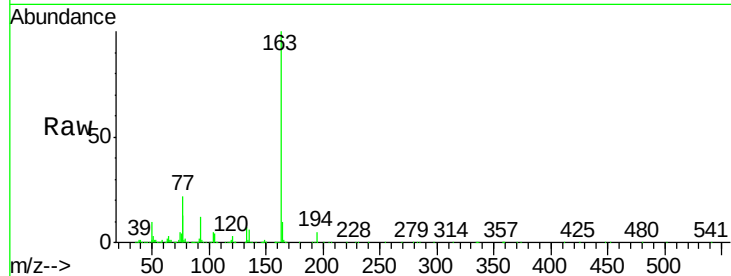


#49
Dimethylphthalate
Concen: 36.61 ng
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampleId :
PB94406BS

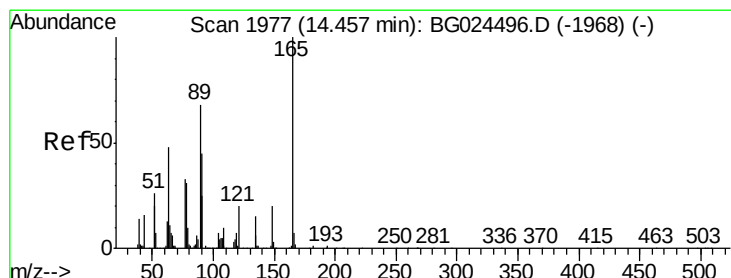
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	10.4	9.3	13.9

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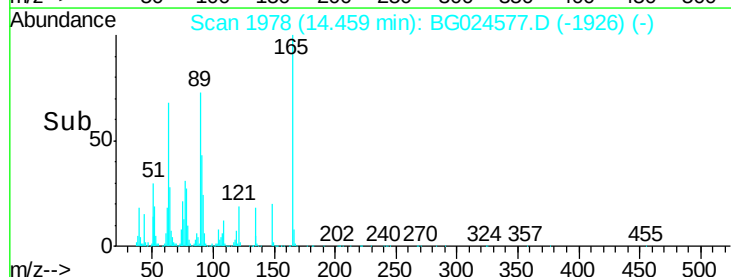
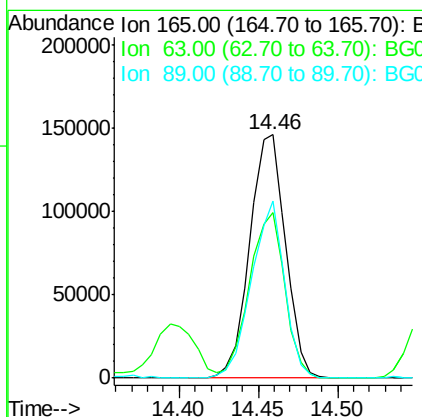
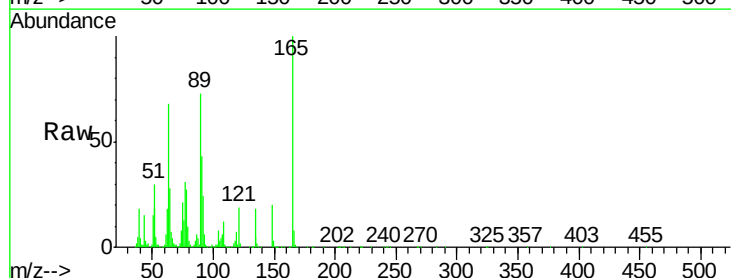
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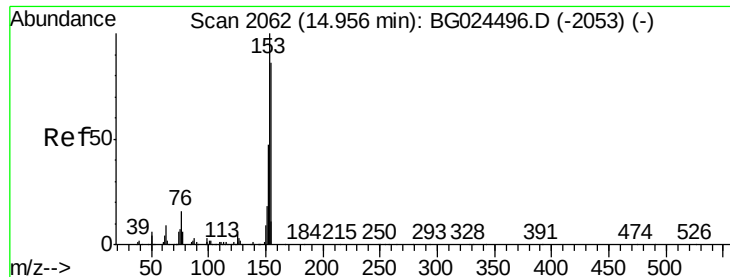
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#50
2,6-Dinitrotoluene
Concen: 38.20 ng
RT: 14.46 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.1	63.9	95.9
89	73.0	58.6	88.0





#51

Acenaphthene

Concen: 32.07 ng

RT: 14.95 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

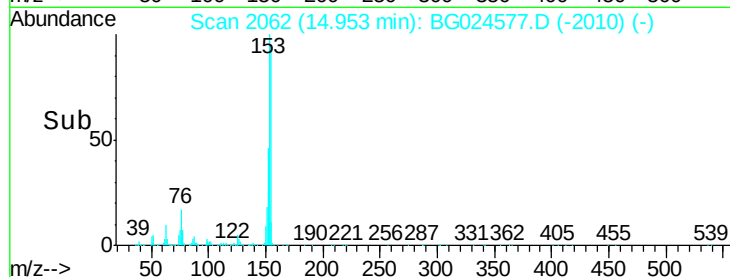
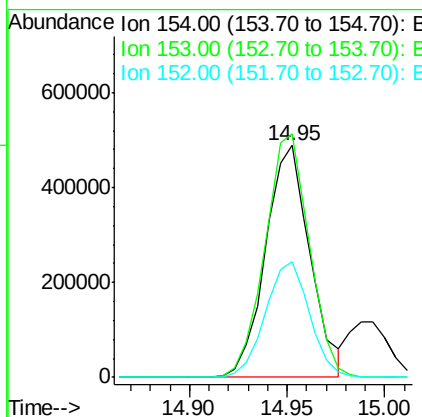
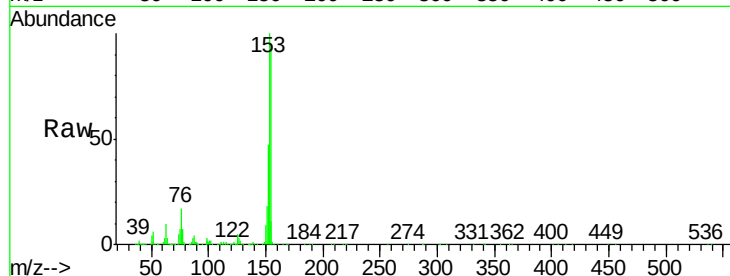
BNA_G

ClientSampled :

PB94406BS

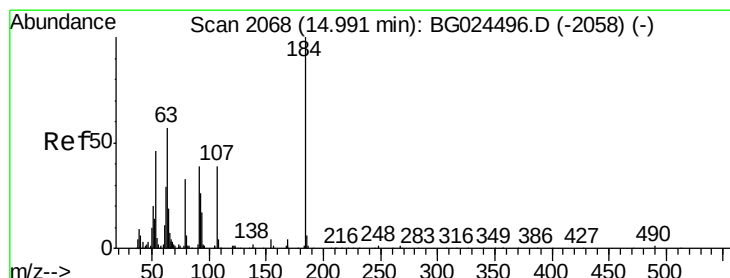
Tgt Ion:	154	Resp:	766938
Ion Ratio	Lower	Upper	
154	100		
153	105.2	87.8	131.6
152	49.8	42.2	63.4

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 61.61 ng

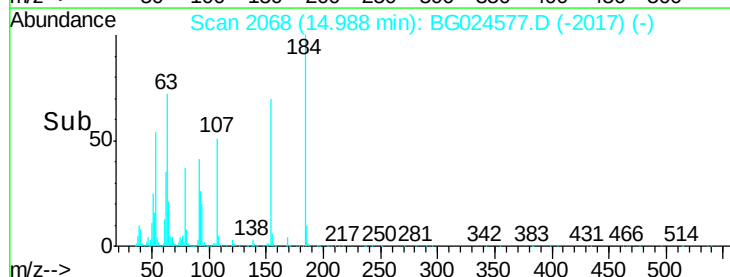
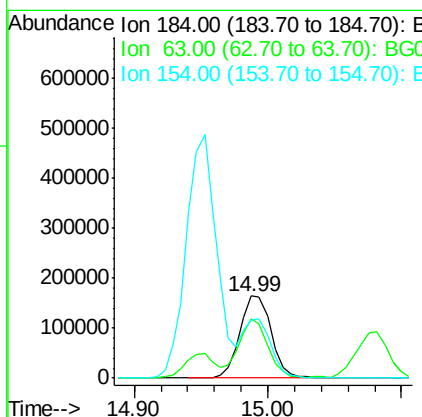
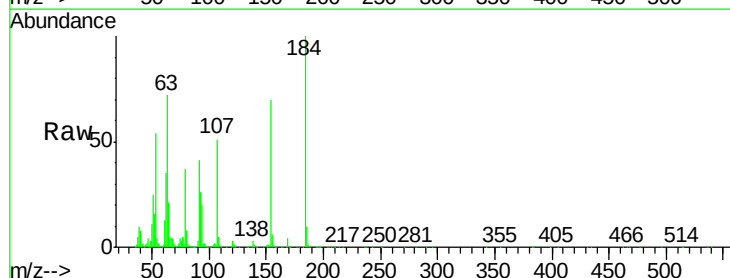
RT: 14.99 min Scan# 2068

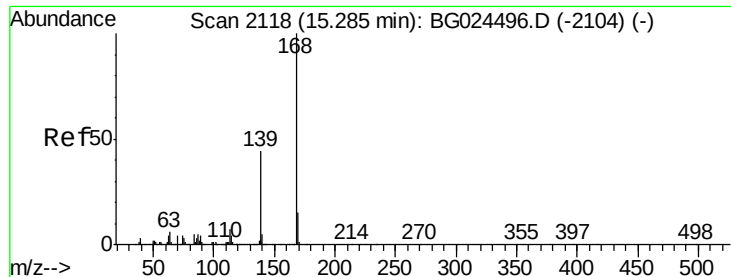
Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Tgt Ion:	184	Resp:	267846
Ion Ratio	Lower	Upper	
184	100		
63	72.4	52.7	79.1
154	70.4	57.3	85.9



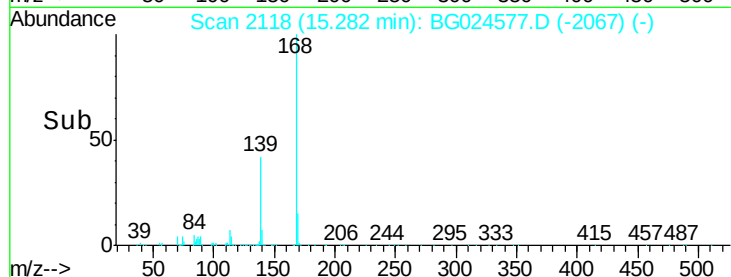
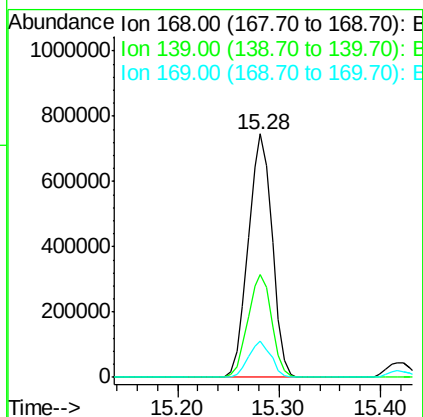
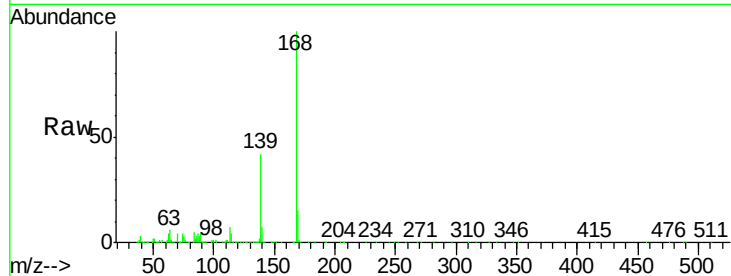


#54
Dibenzenofuran
Concen: 36.79 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampled :
PB94406BS

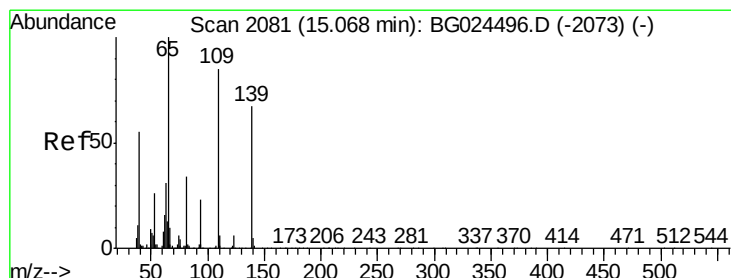
Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.1	35.3	52.9
169	14.7	11.5	17.3

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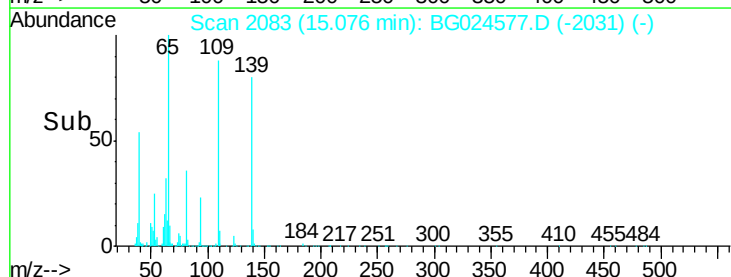
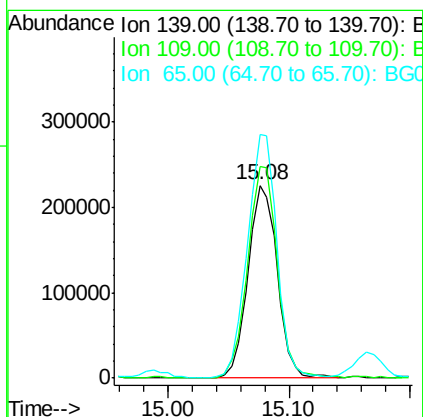
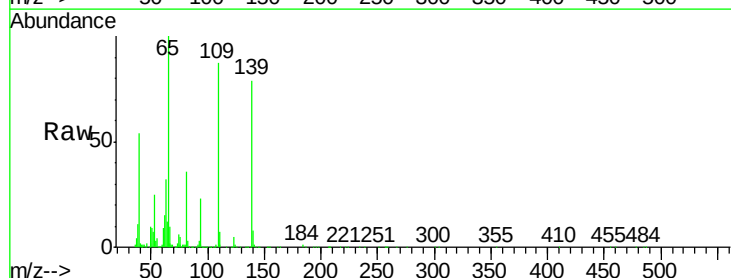
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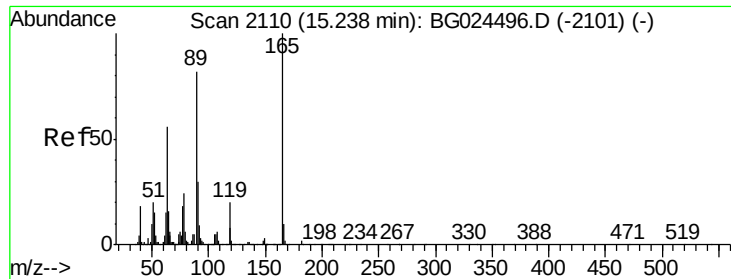
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#55
4-Nitrophenol
Concen: 70.60 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.1	101.2	141.2
65	126.5	135.3	175.3#





#56

2,4-Dinitrotoluene

Concen: 37.86 ng

RT: 15.24 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

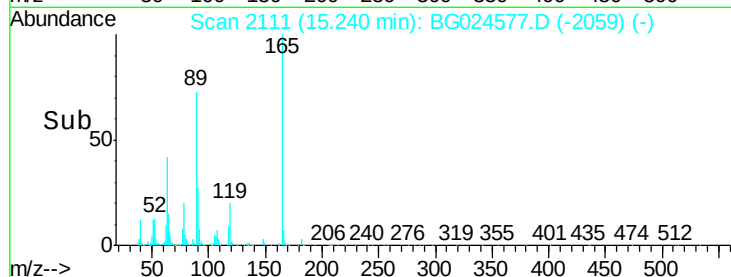
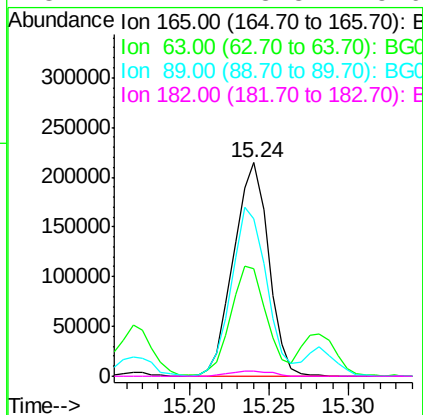
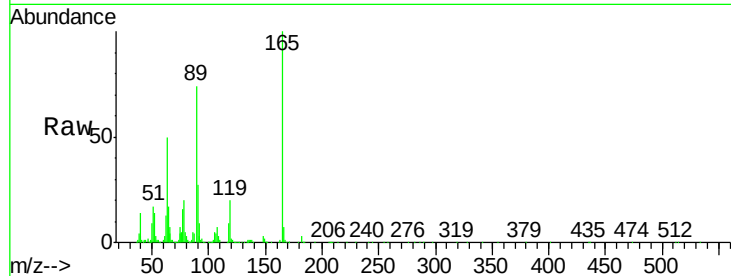
BNA_G

ClientSampled :

PB94406BS

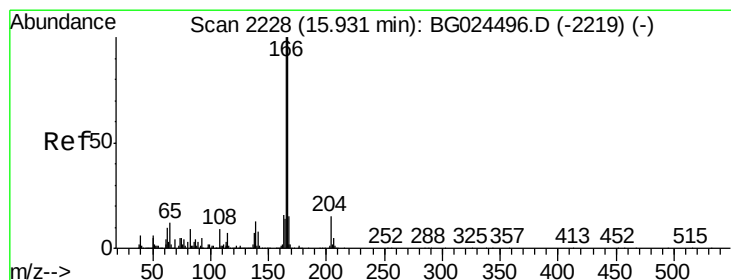
Tgt	Ion	165	Resp:	330062
Ion	Ratio	Lower	Upper	
165	100			
63	50.3	44.0	66.0	
89	73.8	67.3	100.9	
182	2.7	3.8	5.6	#

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#57

Fluorene

Concen: 35.89 ng

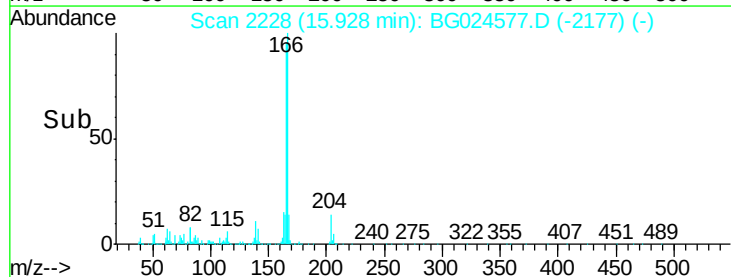
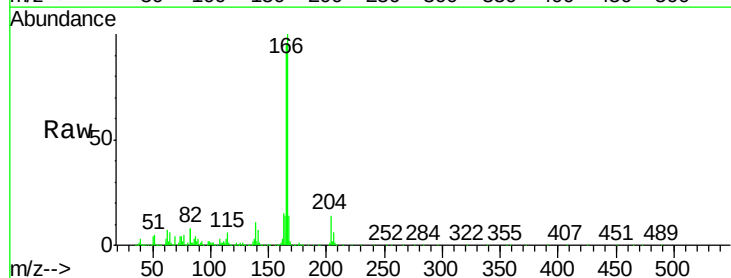
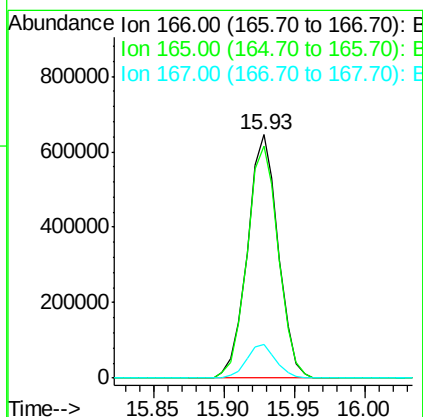
RT: 15.93 min Scan# 2228

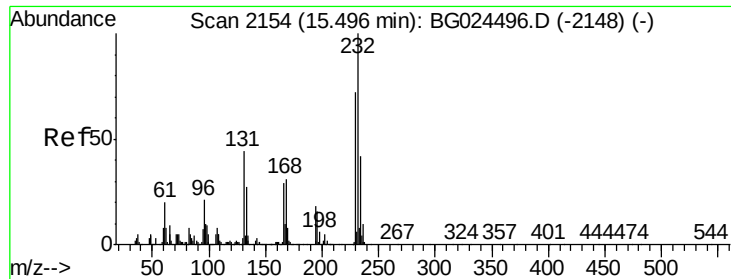
Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Tgt	Ion	166	Resp:	983810
Ion	Ratio	Lower	Upper	
166	100			
165	95.3	78.6	117.8	
167	14.0	11.6	17.4	



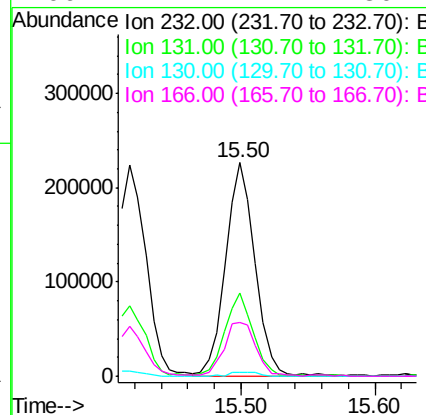
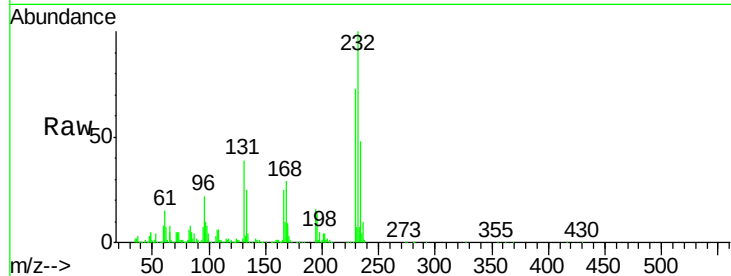


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.80 ng
RT: 15.50 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampleId :
PB94406BS

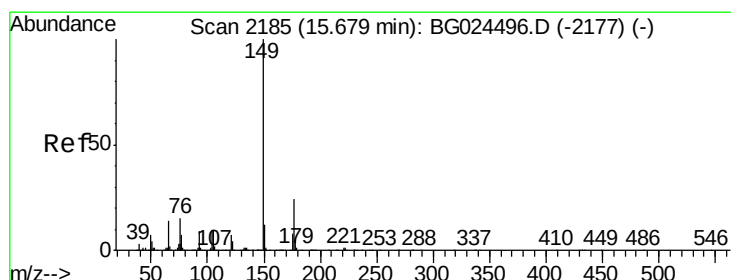
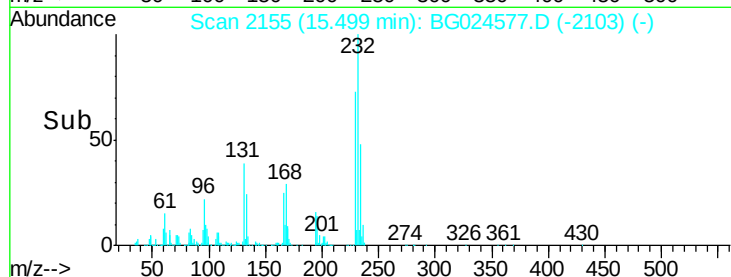
Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	37.0	34.9	52.3
130	2.2	2.3	3.5
166	27.7	24.2	36.4

Manual Integrations
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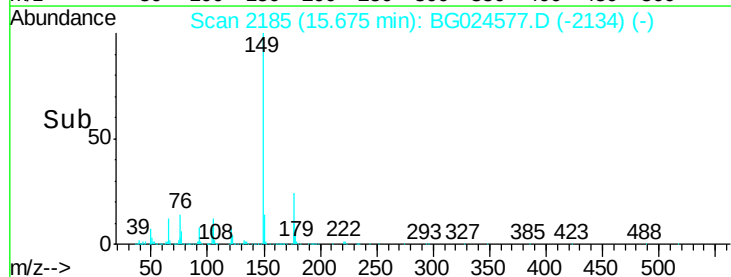
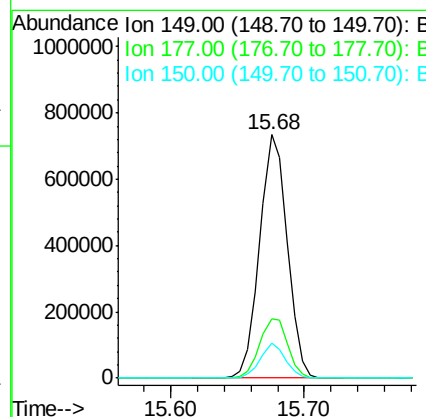
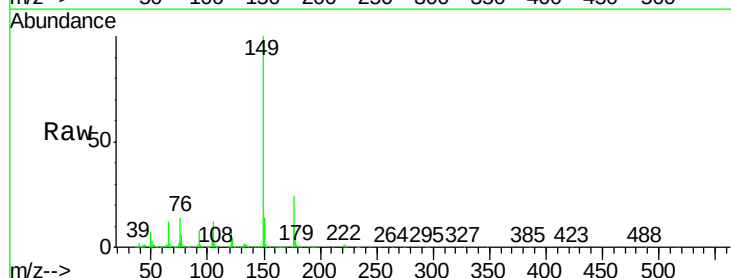
sohil

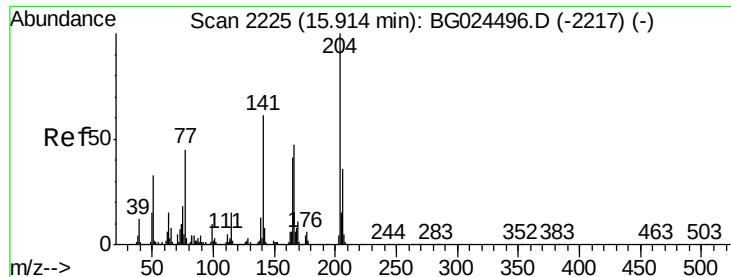
11/1/2016 4:33:34 PM



#59
Diethylphthalate
Concen: 35.40 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	24.4	20.1	30.1
150	14.5	10.2	15.2



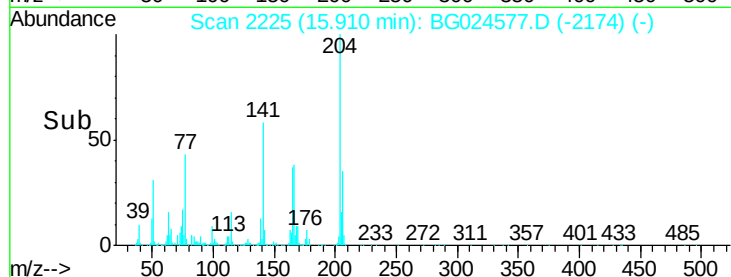
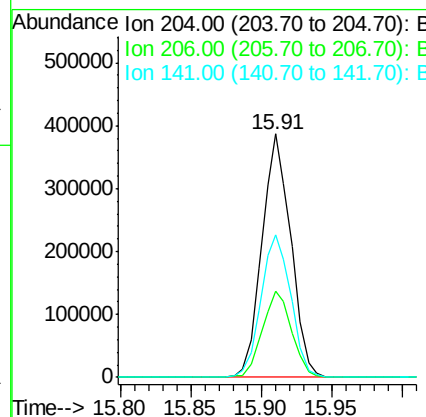
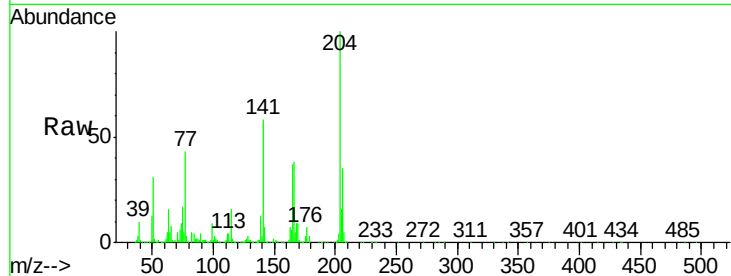


#60
 4-Chlorophenyl-phenylether
 Concen: 36.16 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Instrument :
 BNA_G
 ClientSampled :
 PB94406BS

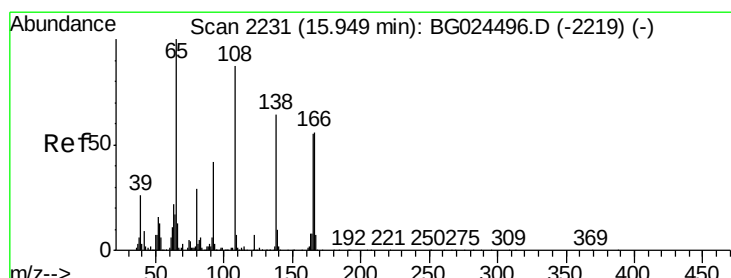
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	35.2	30.1	45.1
141	58.4	50.6	76.0

Manual Integrations
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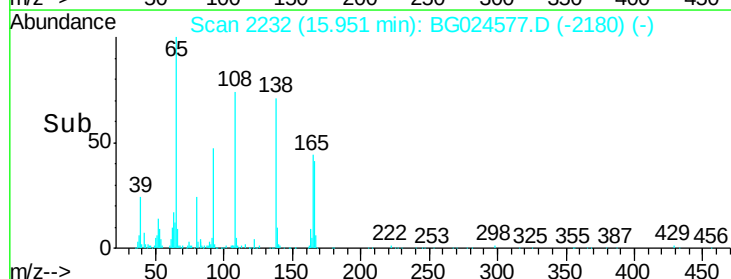
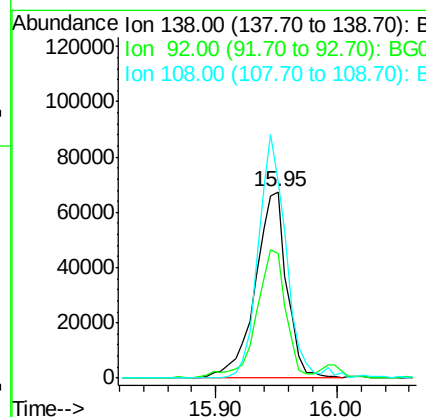
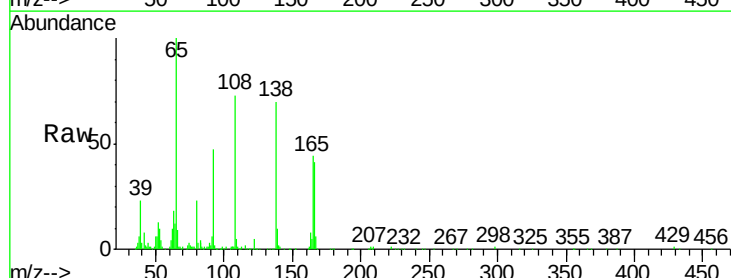
sohil

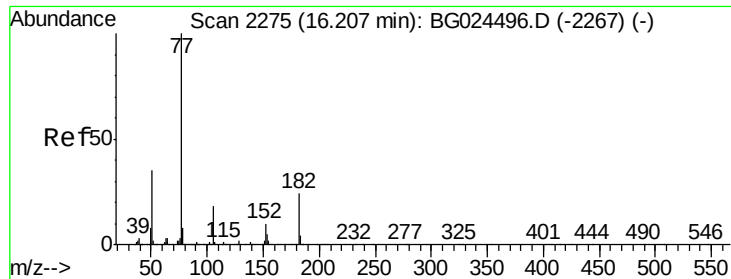
11/1/2016 4:33:34 PM



#61
 4-Nitroaniline
 Concen: 18.13 ng
 RT: 15.95 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	67.1	44.2	84.2
108	105.0	104.8	144.8



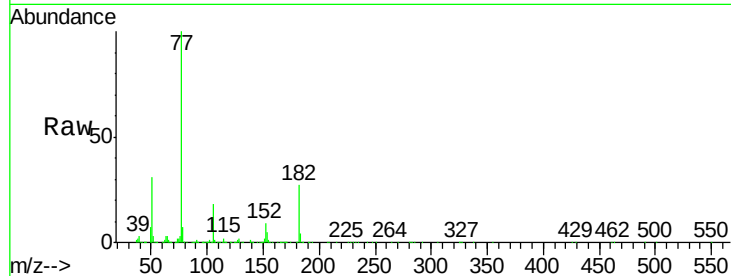


#62
Azobenzene
Concen: 36.01 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

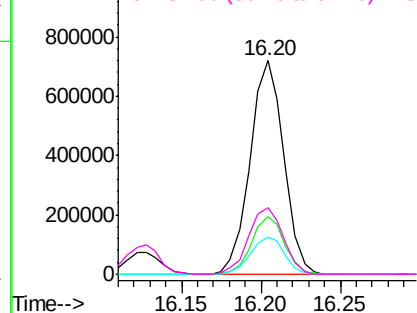
Instrument :
BNA_G
ClientSampleId :
PB94406BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	4.7	44.7
105	17.6	0.0	36.3
51	31.3	16.4	56.4

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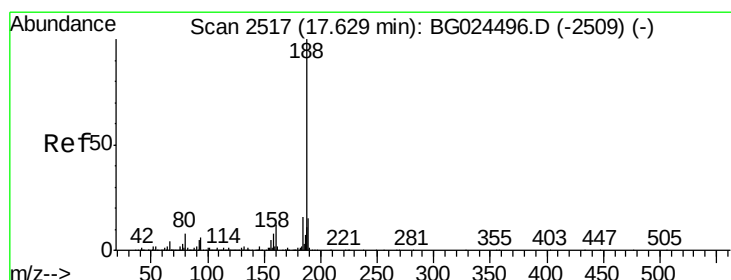
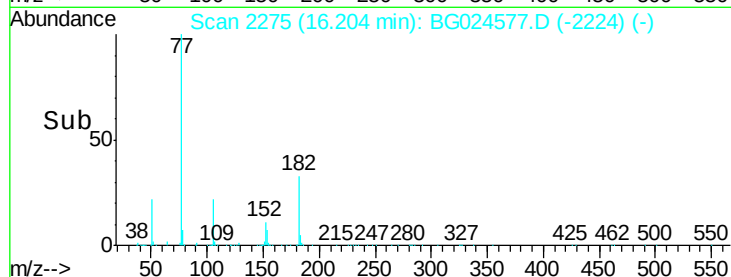


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



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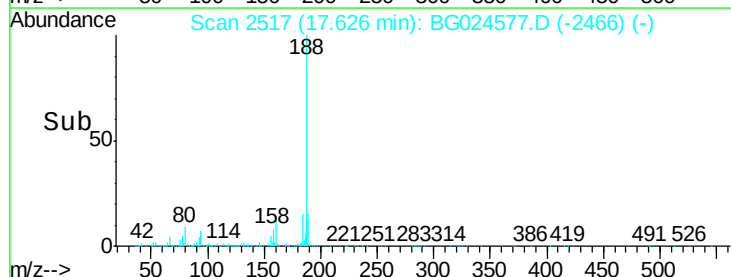
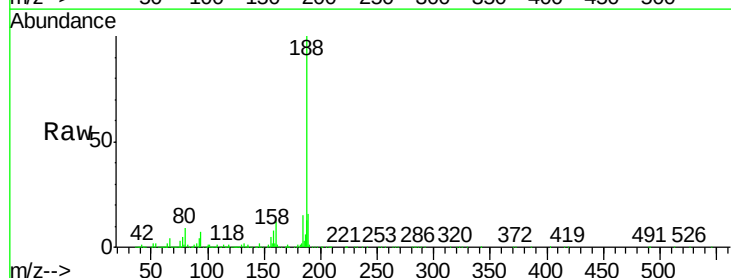
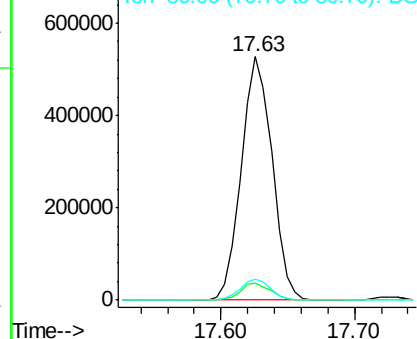
11/1/2016 4:33:34 PM

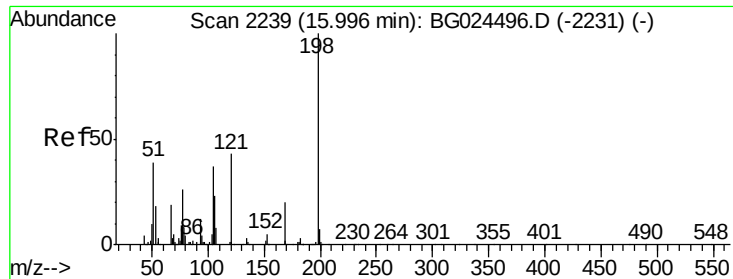


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	8.7	7.5	11.3

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 35.53 ng

RT: 16.00 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

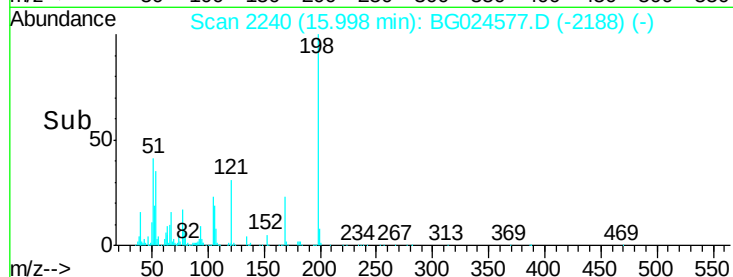
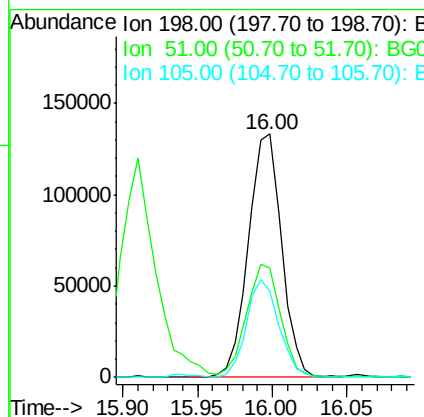
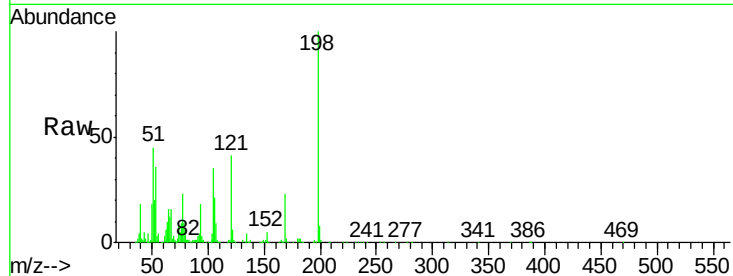
BNA_G

ClientSampled :

PB94406BS

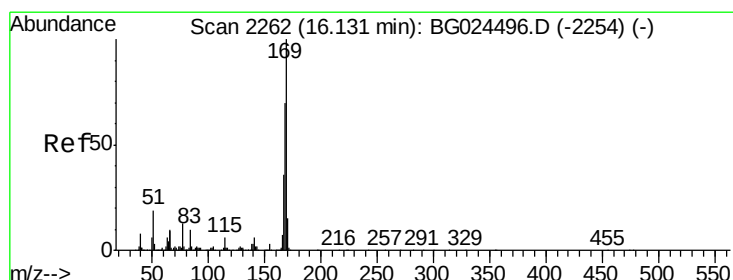
Tgt Ion:	198	Resp:	205171
Ion Ratio	Lower	Upper	
198	100		
51	45.1	22.6	62.6
105	35.4	14.4	54.4

Manual Integrations
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#65

n-Nitrosodiphenylamine

Concen: 39.62 ng

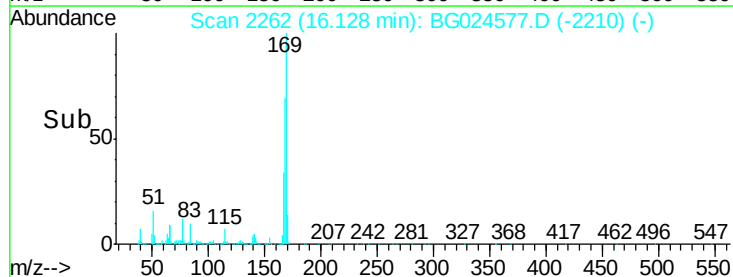
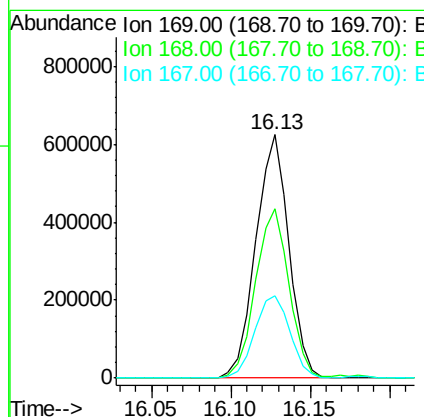
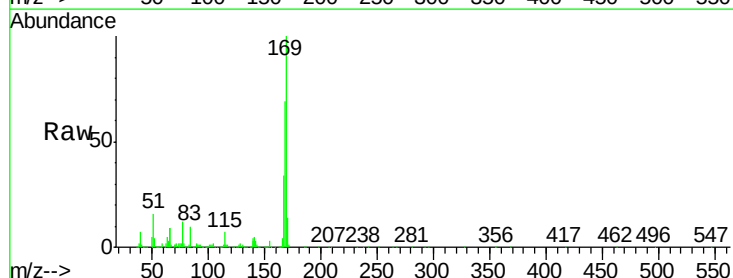
RT: 16.13 min Scan# 2262

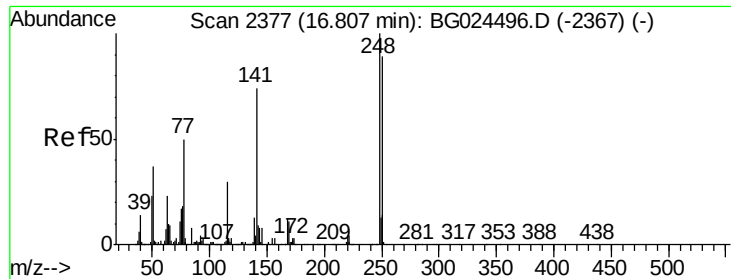
Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Tgt Ion:	169	Resp:	907772
Ion Ratio	Lower	Upper	
169	100		
168	69.4	55.7	83.5
167	33.9	29.8	44.6



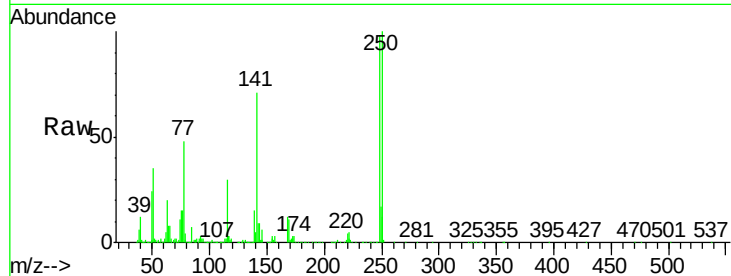


#66
 4-Bromophenyl-phenylether
 Concen: 39.40 ng
 RT: 16.80 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

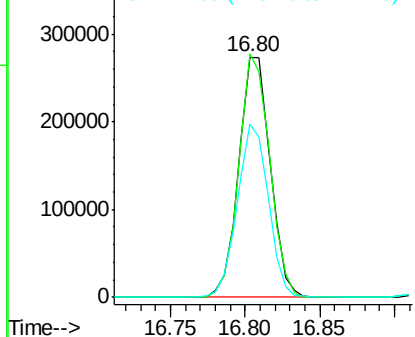
Instrument :
 BNA_G
 ClientSampled :
 PB94406BS

Tgt Ion:	248	Resp:	400929
Ion Ratio	Lower	Upper	
248	100		
250	101.5	75.0	112.6
141	72.2	55.2	82.8

Manual Integrations
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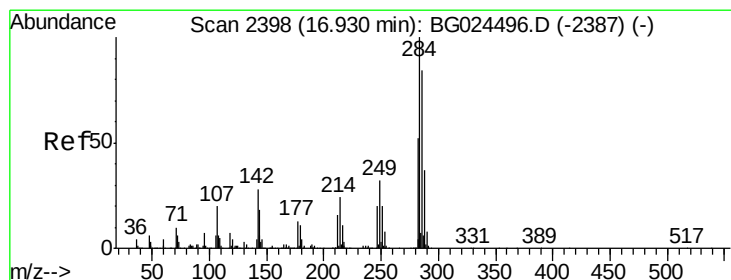
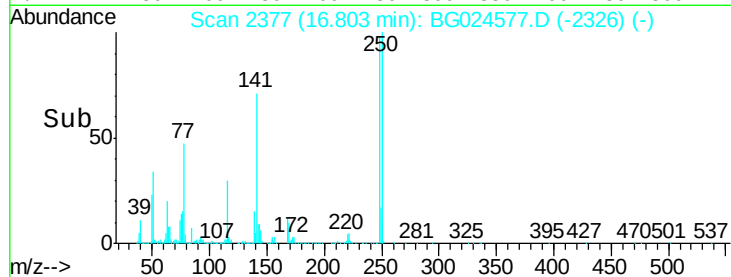


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



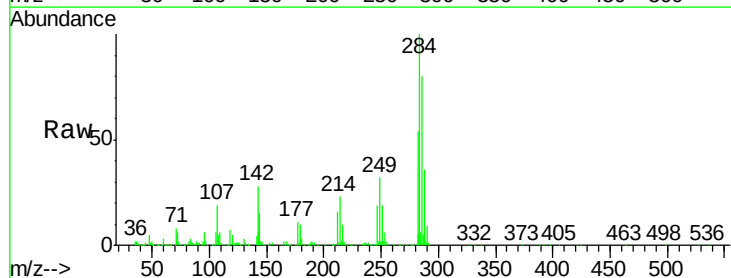
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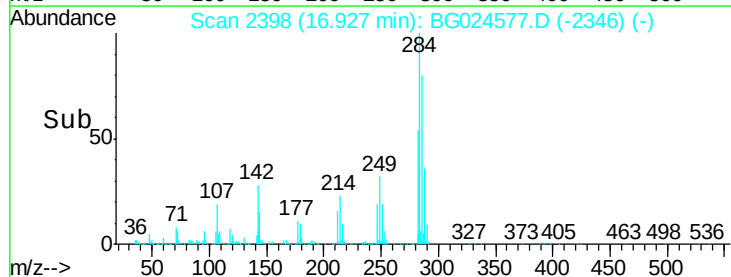
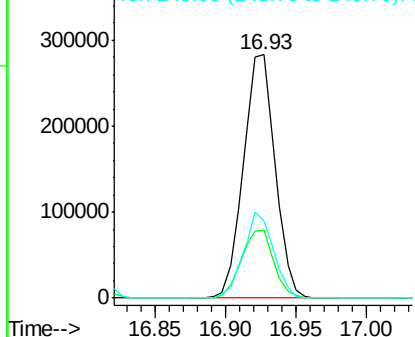


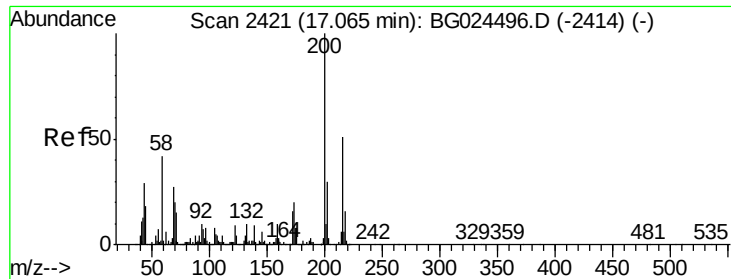
#67
 Hexachlorobenzene
 Concen: 39.61 ng
 RT: 16.93 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Tgt Ion:	284	Resp:	445323
Ion Ratio	Lower	Upper	
284	100		
142	28.2	29.9	44.9#
249	31.8	29.2	43.8



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



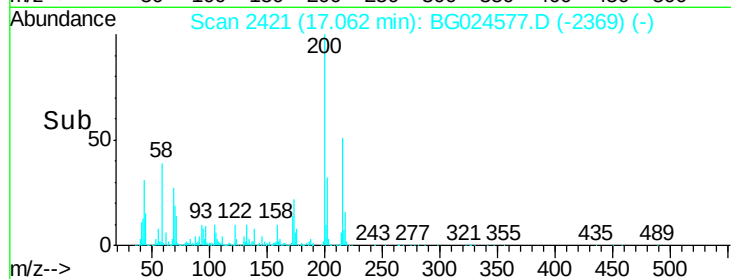
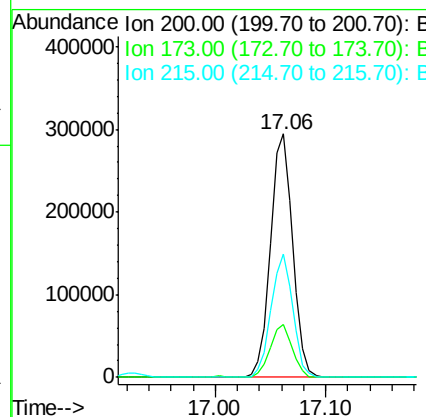
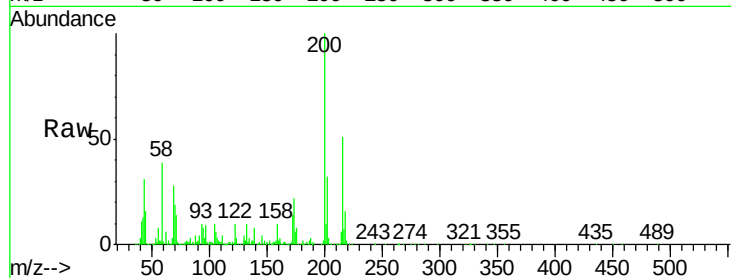


#68
Atrazine
Concen: 42.11 ng
RT: 17.06 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampled :
PB94406BS

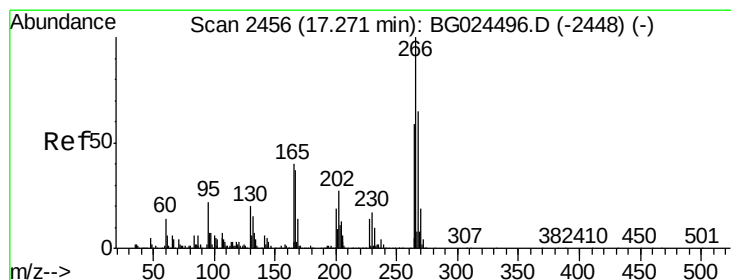
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	21.8	3.0	43.0
215	50.6	28.4	68.4

Manual Integrations
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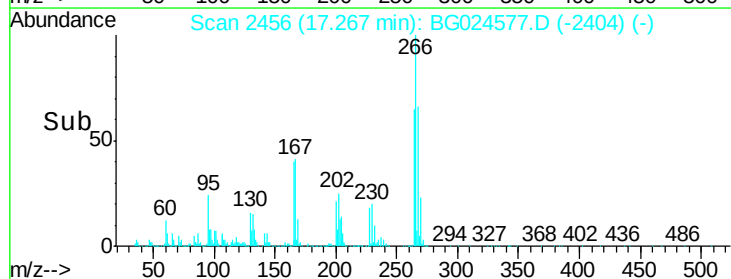
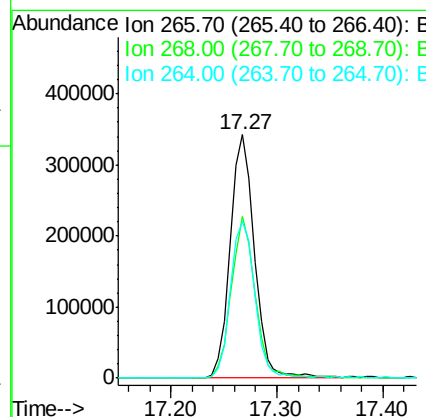
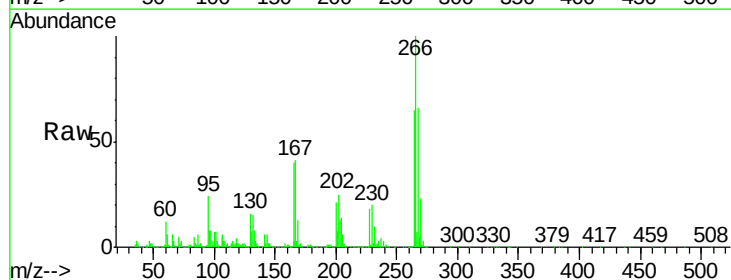
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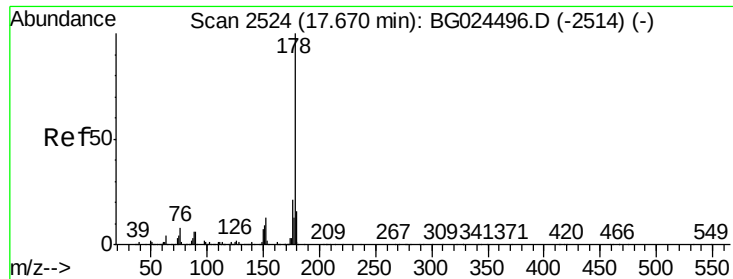
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#69
Pentachlorophenol
Concen: 73.42 ng
RT: 17.27 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.4	48.6	72.8
264	64.5	50.1	75.1



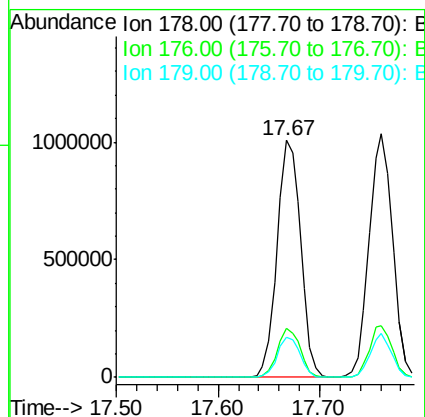
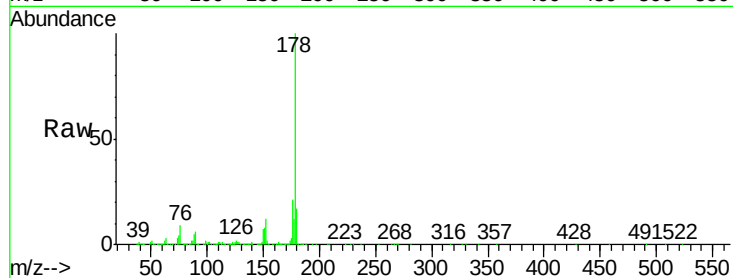


#70
Phenanthrene
Concen: 38.33 ng
RT: 17.67 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampleId :
PB94406BS

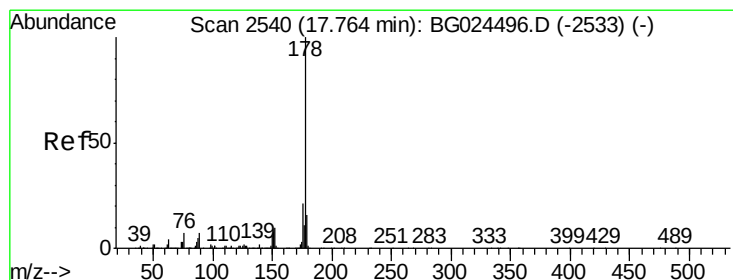
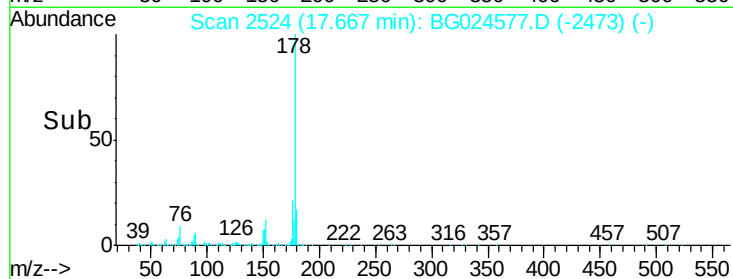
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	17.7	26.5
179	17.0	15.0	22.6

Manual Integrations
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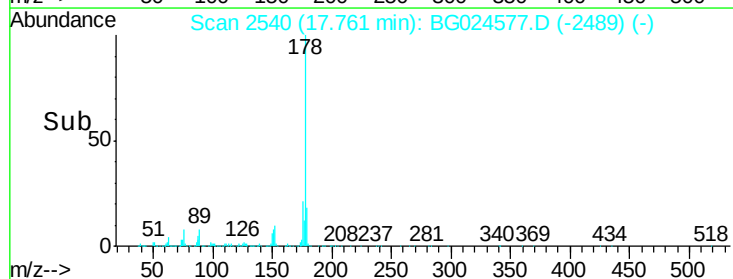
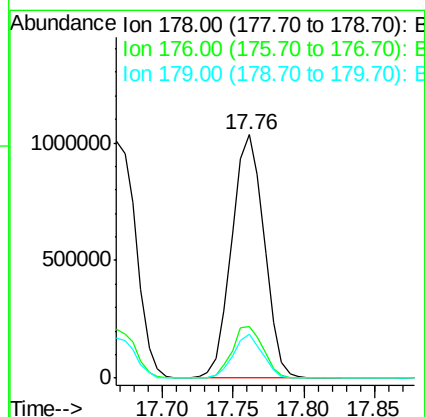
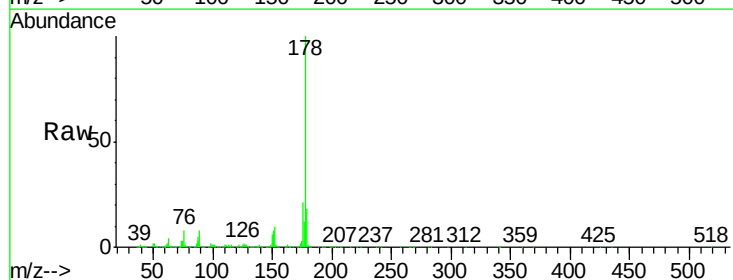
sohil

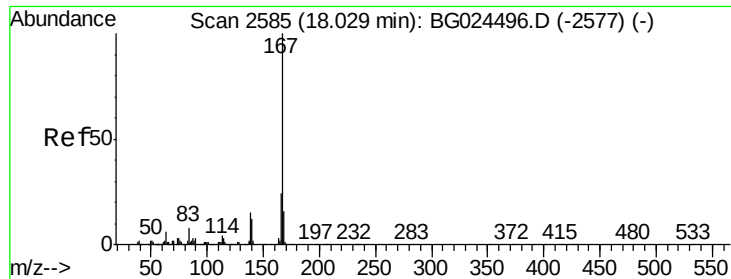
11/1/2016 4:33:34 PM



#71
Anthracene
Concen: 38.46 ng
RT: 17.76 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.4	24.6
179	18.0	13.8	20.8





#72

Carbazole

Concen: 36.61 ng

RT: 18.03 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

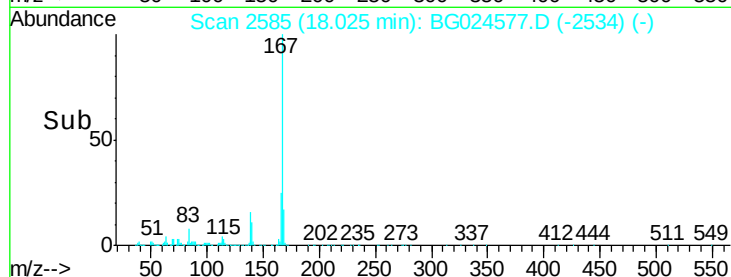
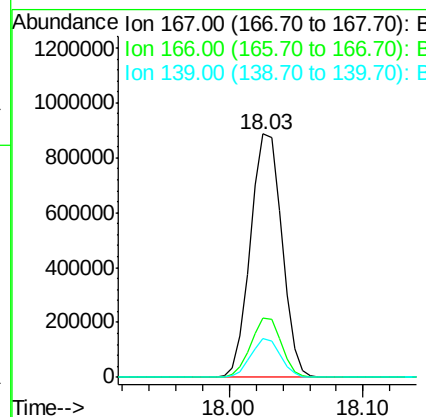
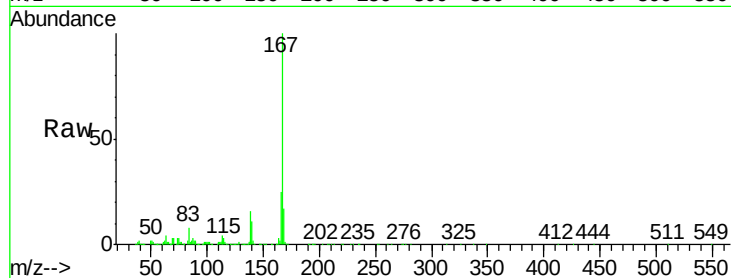
BNA_G

ClientSampleId :

PB94406BS

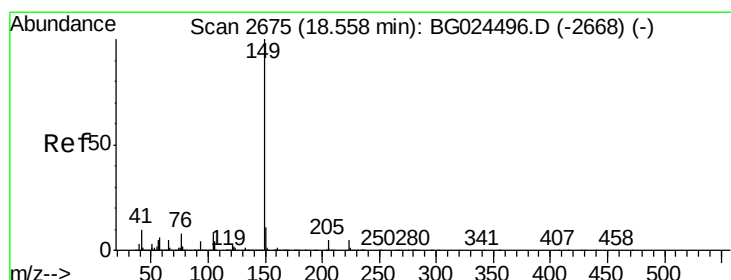
Tgt Ion:	167	Resp:	1439144
Ion	Ratio	Lower	Upper
167	100		
166	24.6	20.2	30.2
139	15.8	12.8	19.2

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 37.64 ng

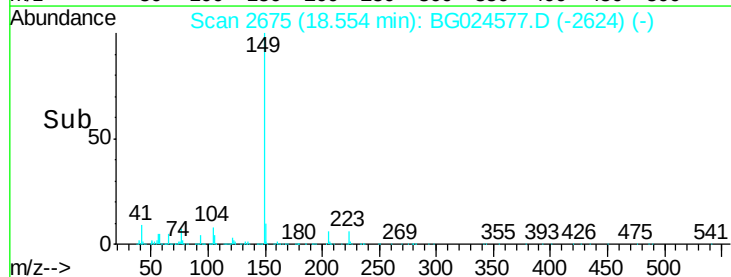
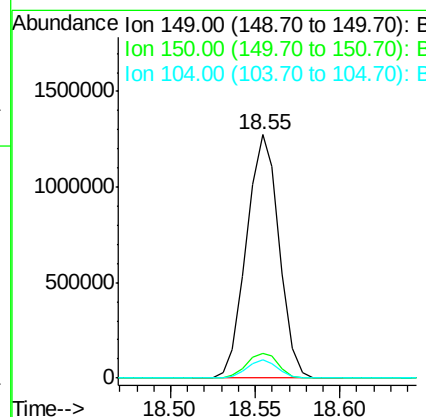
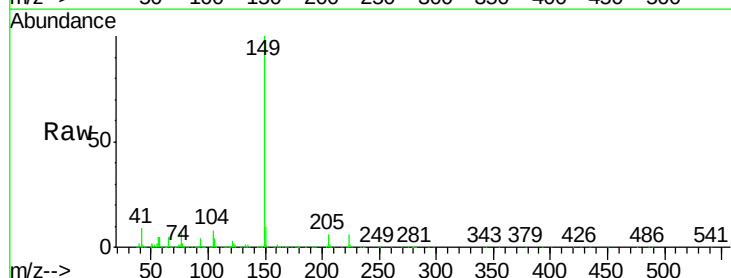
RT: 18.55 min Scan# 2675

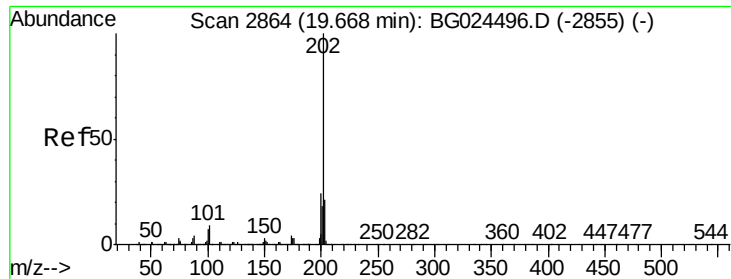
Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Tgt Ion:	149	Resp:	1705791
Ion	Ratio	Lower	Upper
149	100		
150	10.3	9.1	13.7
104	7.6	6.7	10.1





#74

Fluoranthene

Concen: 37.42 ng

RT: 19.66 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

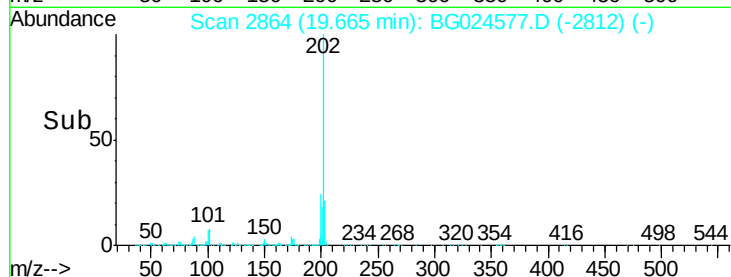
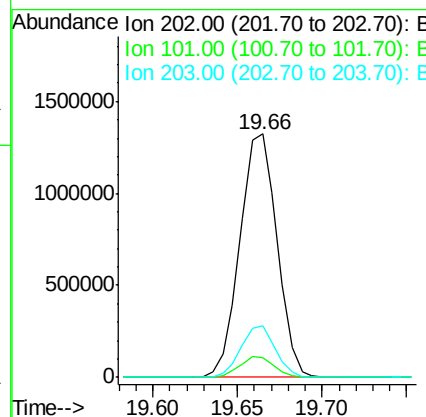
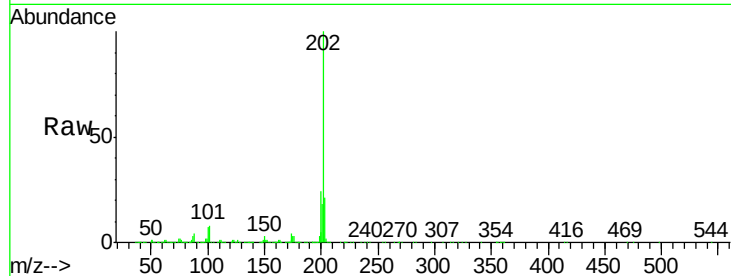
BNA_G

ClientSampleId :

PB94406BS

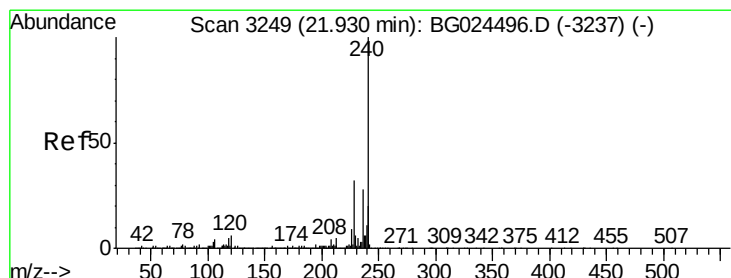
Tgt Ion:	202	Resp:	2020727
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	30.1
203	21.1	1.3	41.3

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

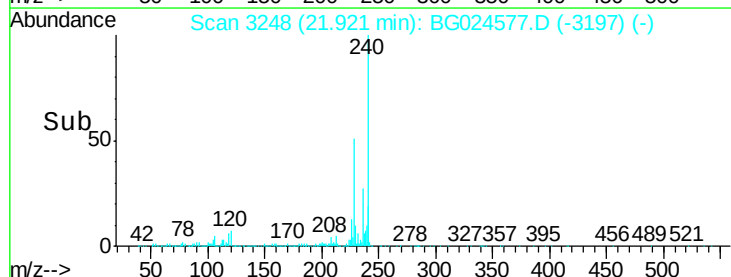
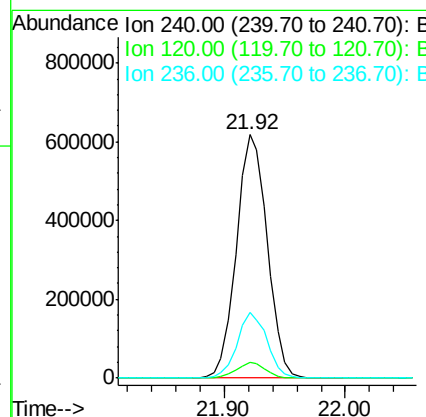
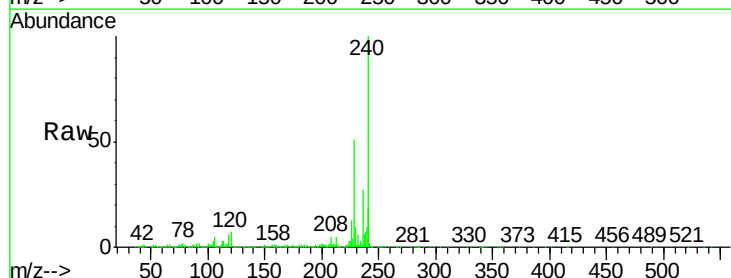
RT: 21.92 min Scan# 3248

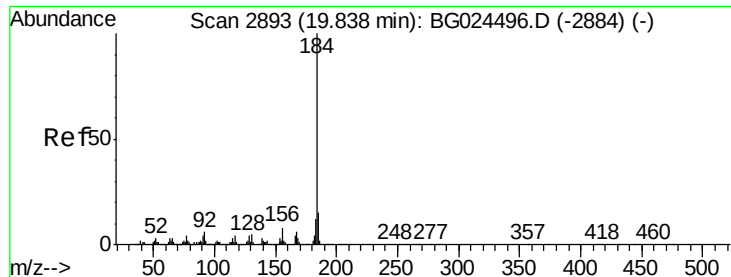
Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Tgt Ion:	240	Resp:	1098338
Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.7	8.5
236	26.9	22.2	33.4





#76

Benzidine

Concen: 6.46 ng

RT: 19.84 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

BNA_G

ClientSampled :

PB94406BS

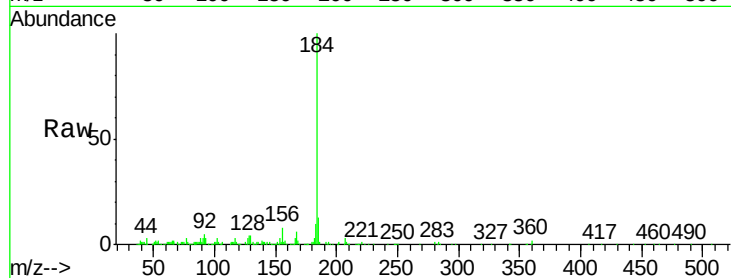
Tgt Ion:184 Resp: 167170
Ion Ratio Lower Upper

184 100

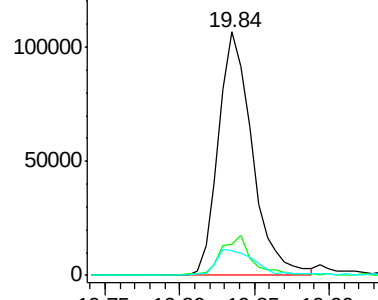
185 13.0 13.0 19.6#

183 10.0 11.0 16.6#

Manual Integrations
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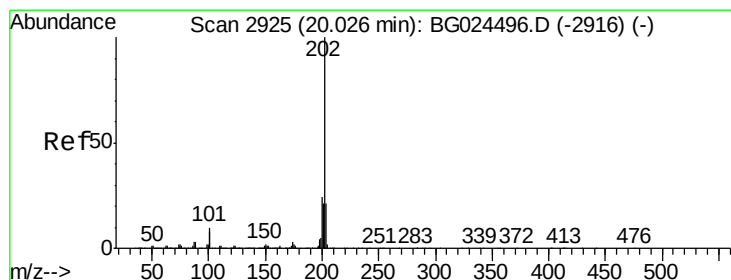
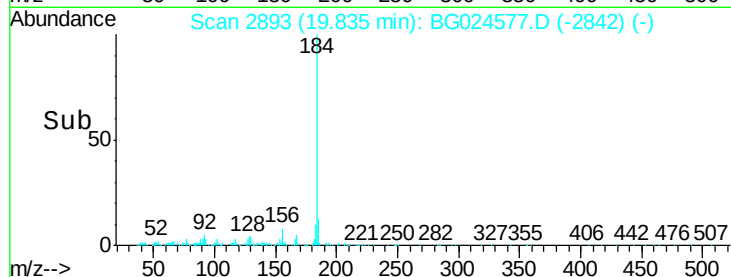


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



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11/1/2016 4:33:34 PM



#77

Pyrene

Concen: 38.59 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024577.D

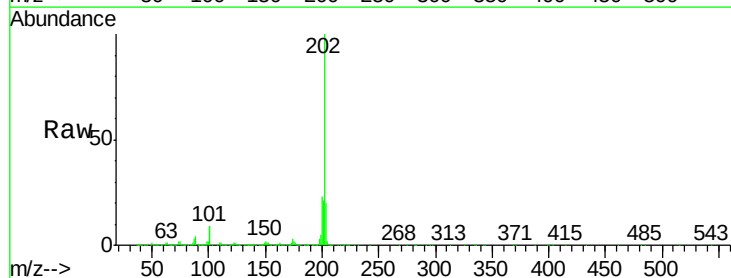
Acq: 1 Nov 2016 5:04

Tgt Ion:202 Resp: 2072201
Ion Ratio Lower Upper

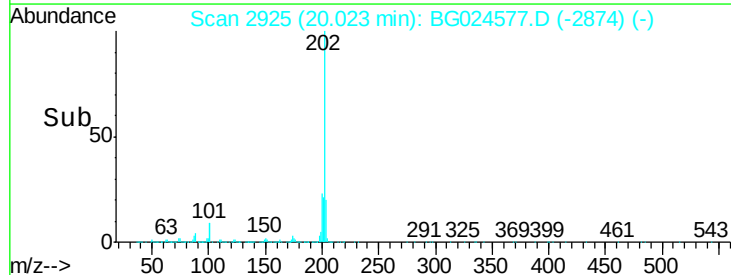
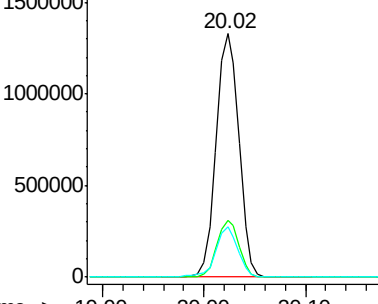
202 100

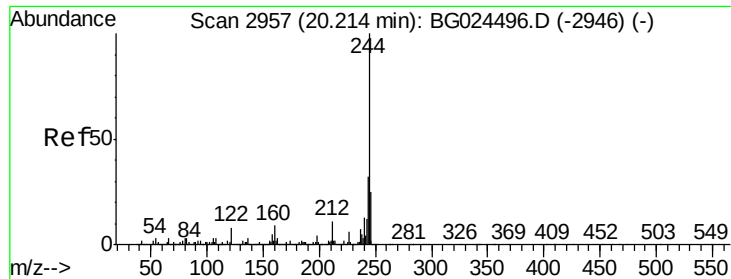
200 23.3 19.6 29.4

203 20.4 15.8 23.8



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



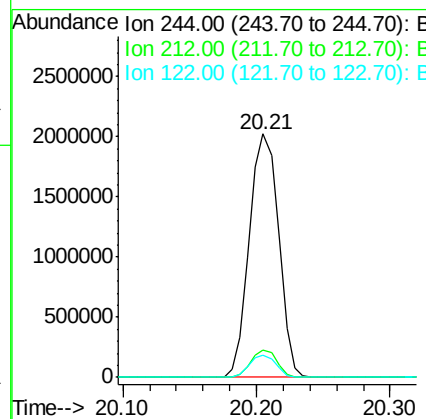
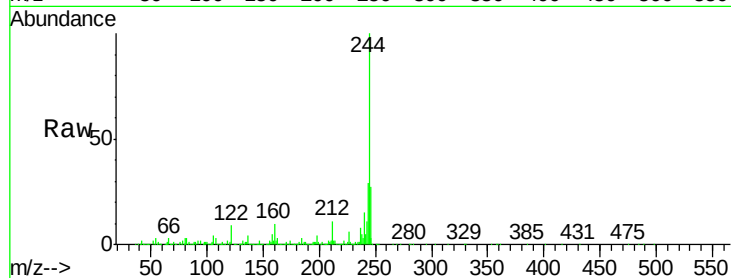


#78
 Terphenyl-d14
 Concen: 83.11 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Instrument :
 BNA_G
 ClientSampled :
 PB94406BS

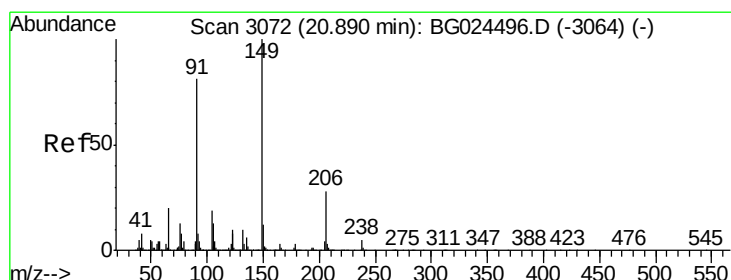
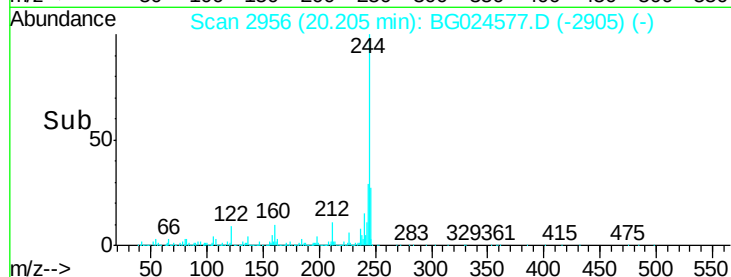
Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.0	15.0
122	9.3	8.6	12.8

Manual Integrations
 APPROVED



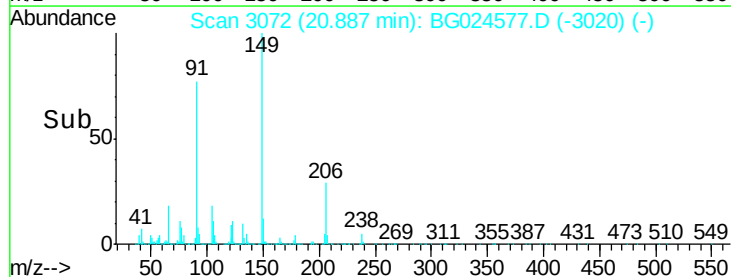
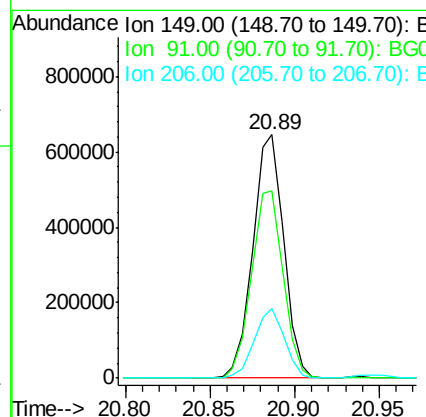
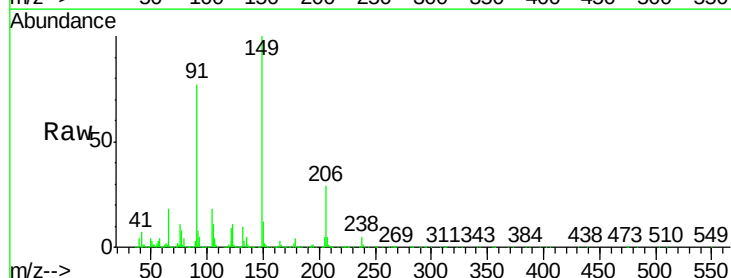
sohil

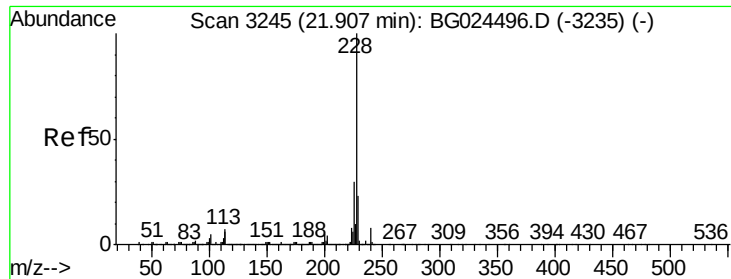
11/1/2016 4:33:34 PM



#79
 Butylbenzylphthalate
 Concen: 36.97 ng
 RT: 20.89 min Scan# 3072
 Delta R.T. 0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.8	63.5	95.3
206	28.6	21.0	31.6



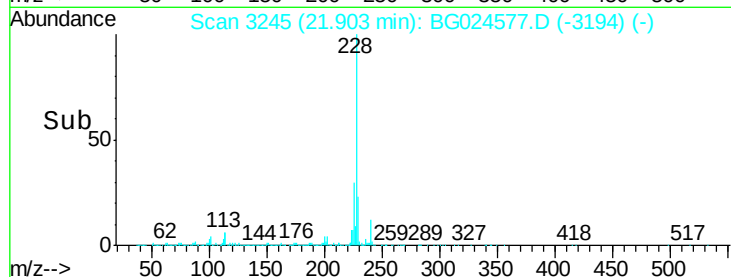
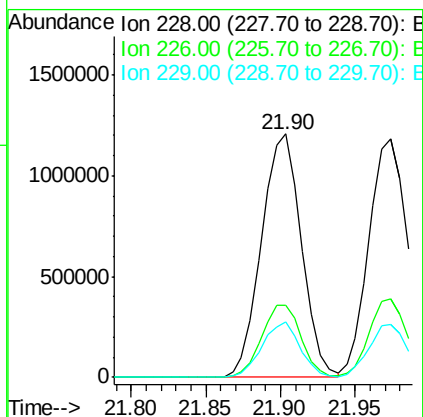
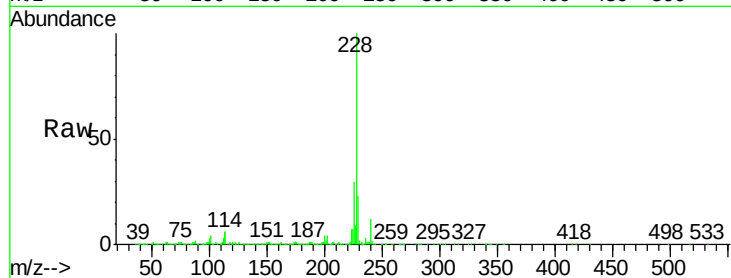


#80
Benzo(a)anthracene
Concen: 37.19 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampleId :
PB94406BS

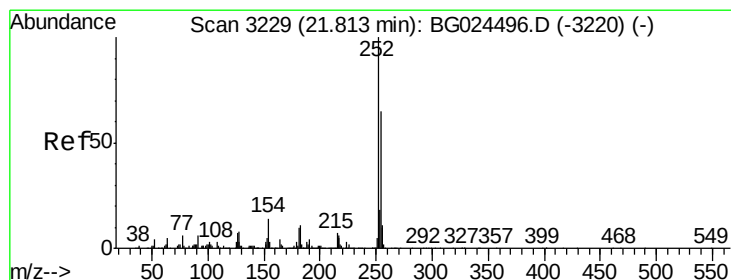
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	22.8	18.2	27.2

Manual Integrations
APPROVED



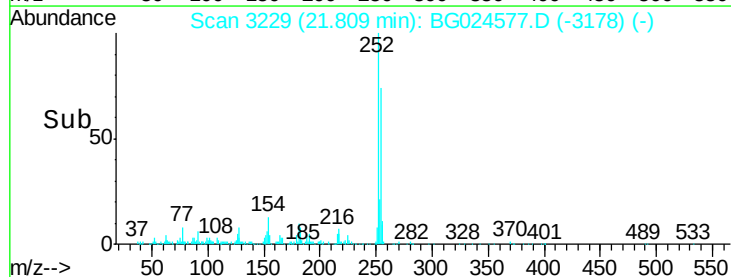
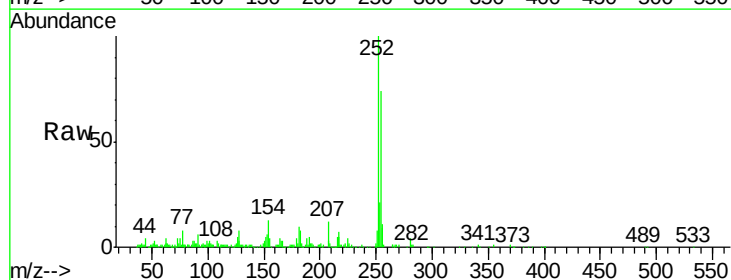
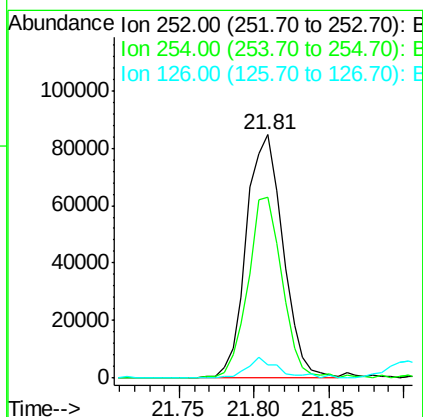
sohil

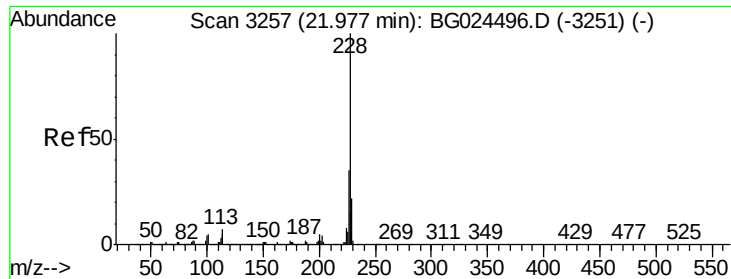
11/1/2016 4:33:34 PM



#81
3,3'-Dichlorobenzidine
Concen: 5.91 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	74.4	53.1	79.7
126	5.4	7.0	10.4#





#82

Chrysene

Concen: 36.52 ng

RT: 21.97 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

Instrument :

BNA_G

ClientSampled :

PB94406BS

Tgt Ion:228 Resp: 2098617

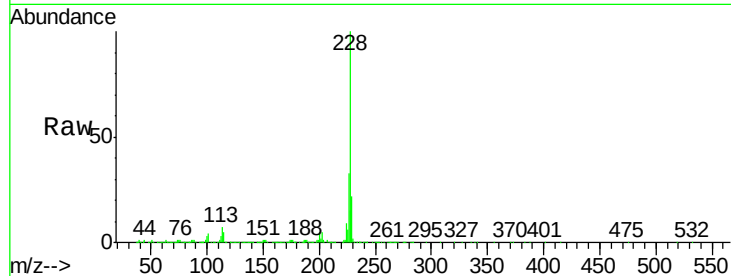
Ion Ratio Lower Upper

228 100

226 32.7 27.0 40.4

229 22.1 17.8 26.6

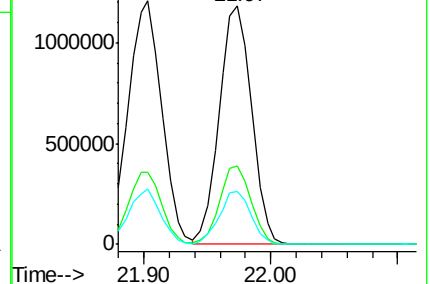
Manual Integrations
APPROVED



Abundance Ion 228.00 (227.70 to 228.70): E

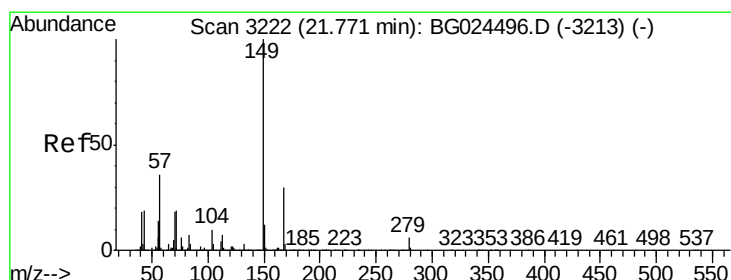
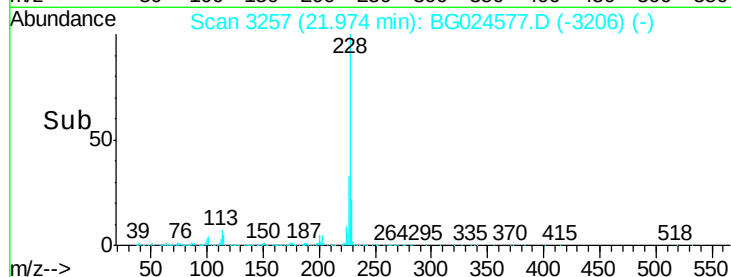
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



sohil

11/1/2016 4:33:34 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.81 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BG024577.D

Acq: 1 Nov 2016 5:04

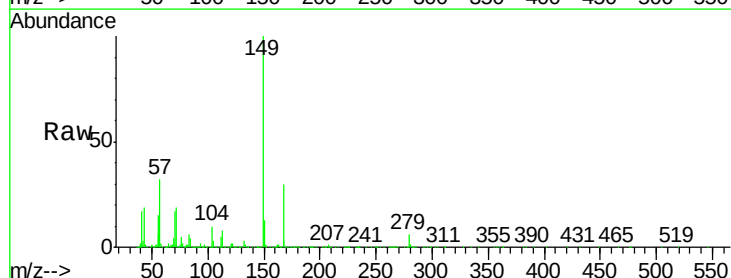
Tgt Ion:149 Resp: 1178610

Ion Ratio Lower Upper

149 100

167 29.8 23.7 35.5

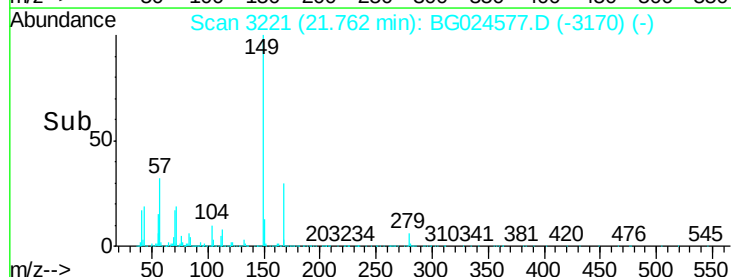
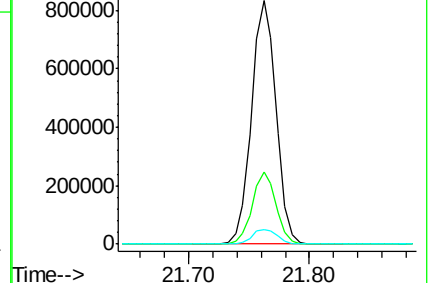
279 6.2 4.6 6.8

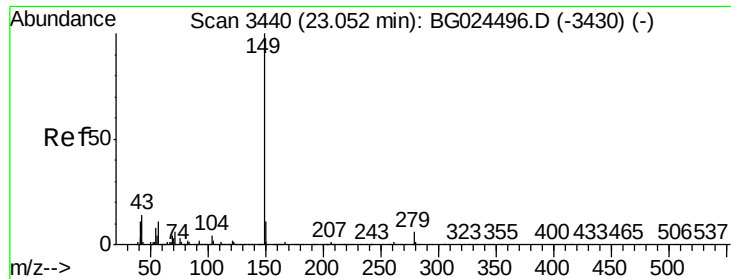


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



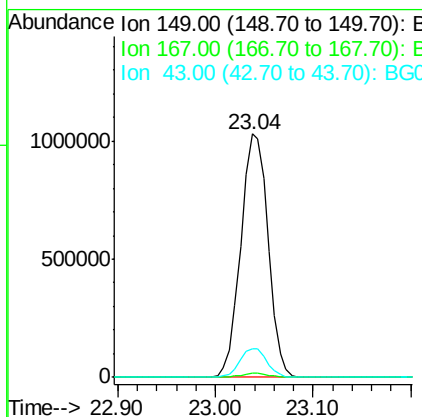
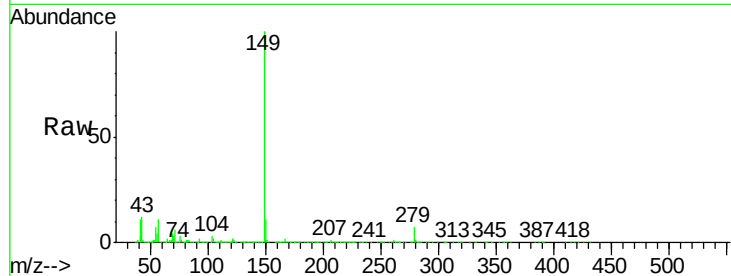


#84
Di-n-octyl phthalate
Concen: 37.85 ng
RT: 23.04 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampleId :
PB94406BS

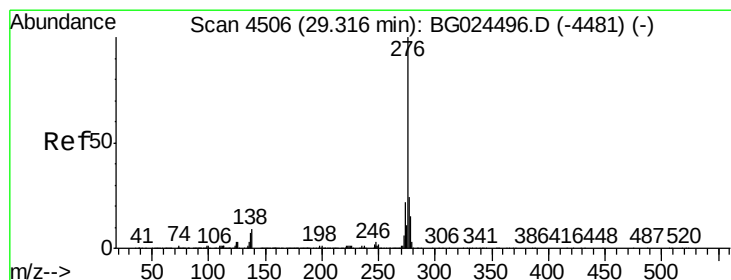
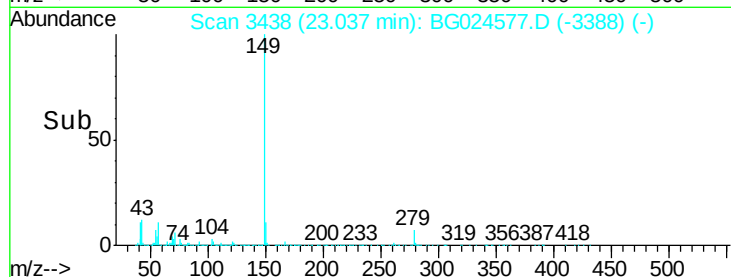
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.7	11.8	17.6#

Manual Integrations
APPROVED



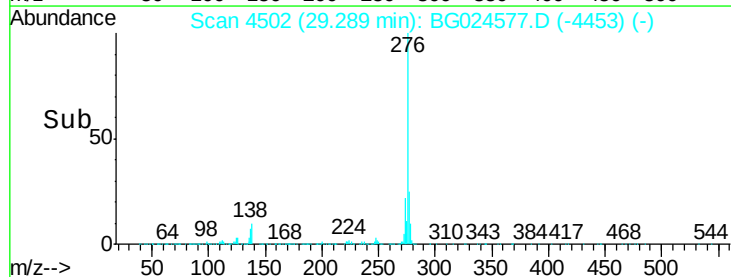
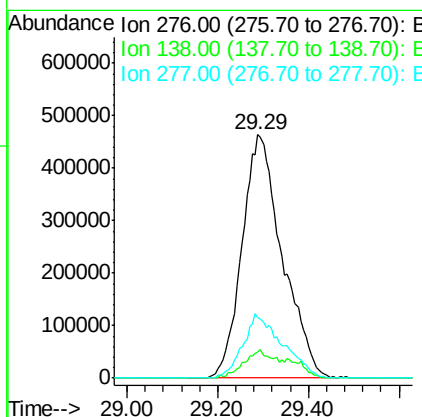
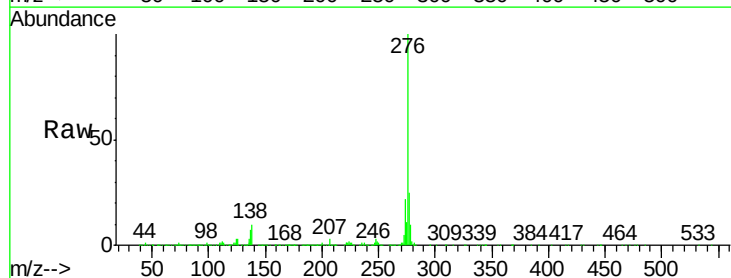
sohil

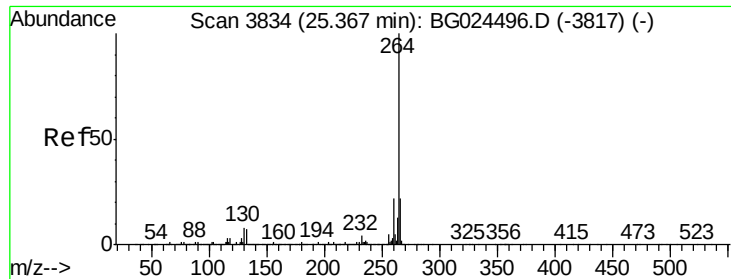
11/1/2016 4:33:34 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 35.97 ng
RT: 29.29 min Scan# 4502
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.4	4.7	7.1#
277	26.1	20.6	31.0



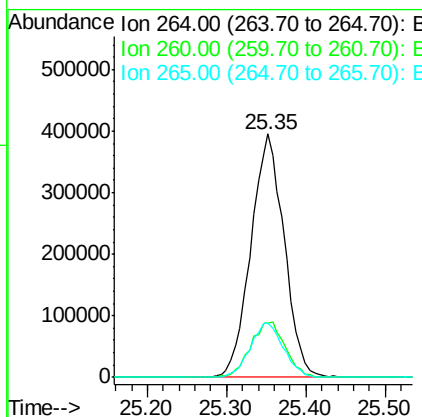
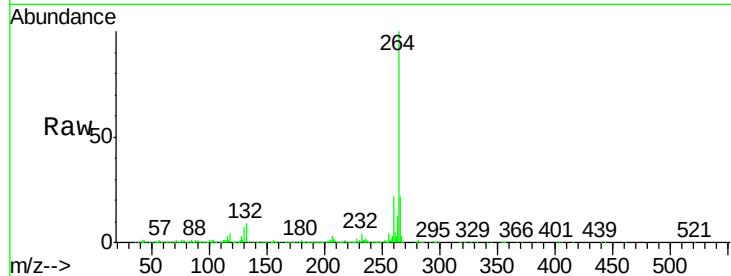


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3832
 Delta R.T. -0.01 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Instrument :
 BNA_G
 ClientSampleId :
 PB94406BS

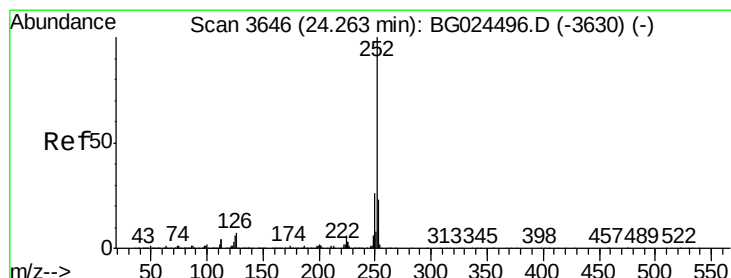
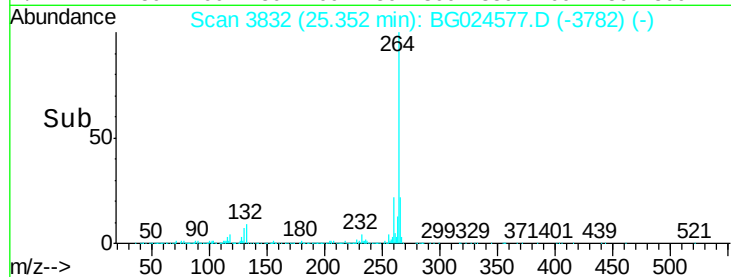
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	21.8	32.8
265	22.5	18.2	27.4

Manual Integrations
 APPROVED



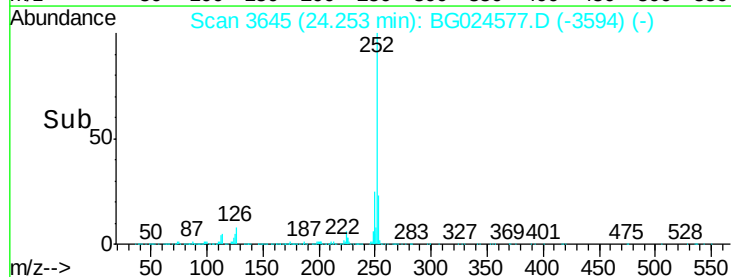
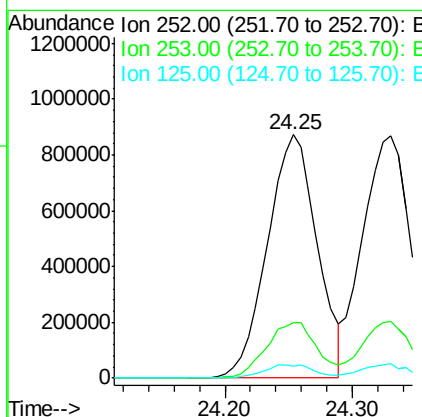
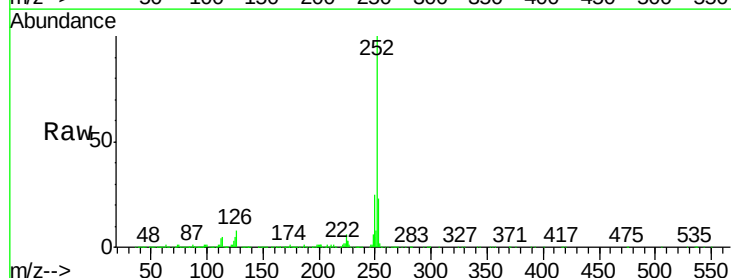
sohil

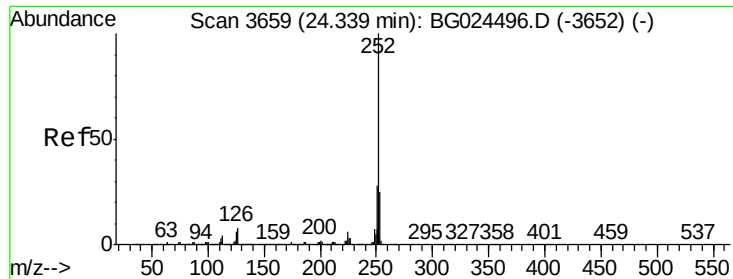
11/1/2016 4:33:34 PM



#87
 Benzo(b)fluoranthene
 Concen: 37.90 ng m
 RT: 24.25 min Scan# 3645
 Delta R.T. -0.00 min
 Lab File: BG024577.D
 Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	4.9	5.3	7.9#



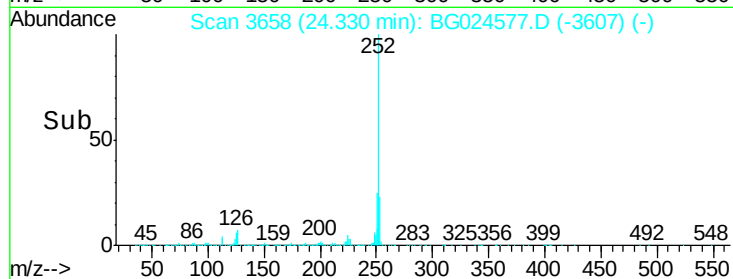
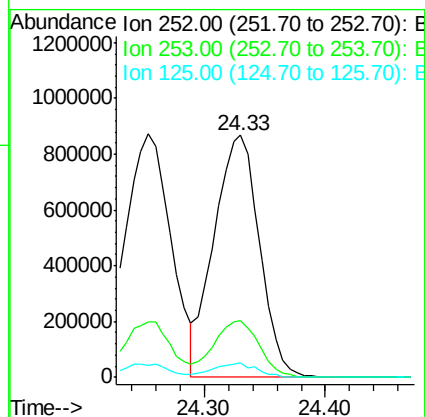
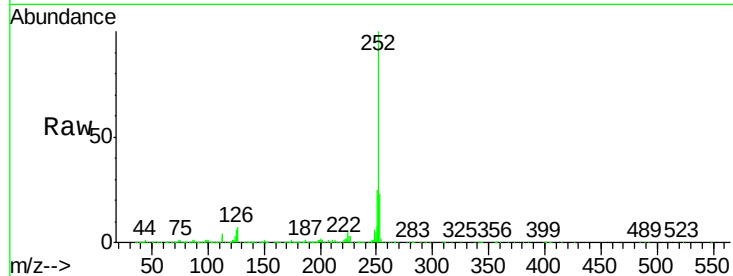


#88
Benzo(k)fluoranthene
Concen: 37.54 ng
RT: 24.33 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampled :
PB94406BS

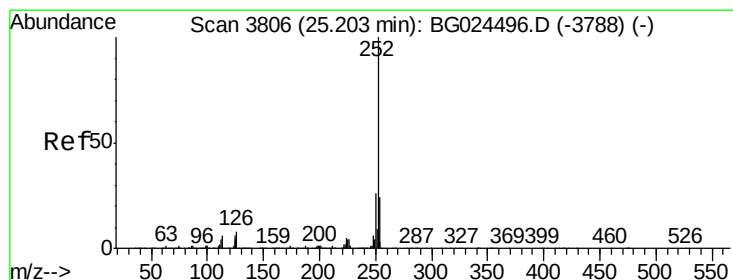
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.2	30.2
125	6.2	5.1	7.7

Manual Integrations
APPROVED



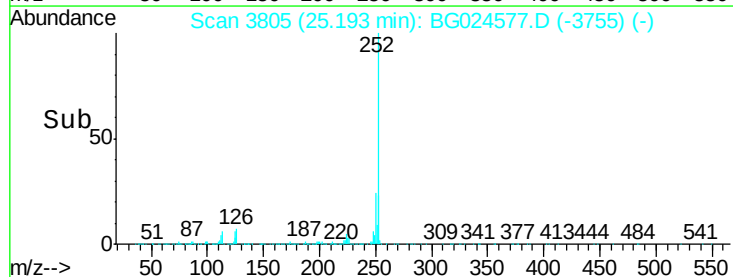
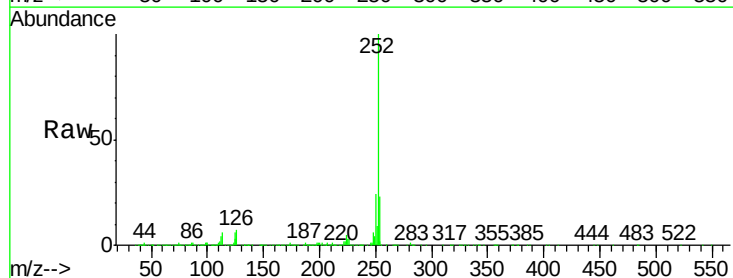
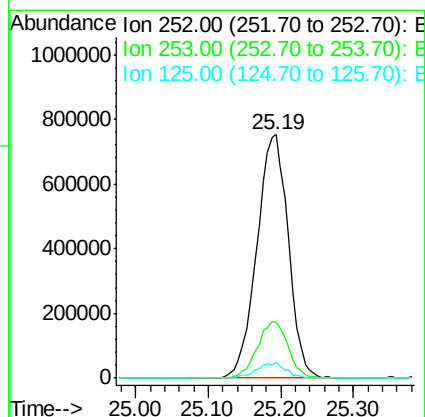
sohil

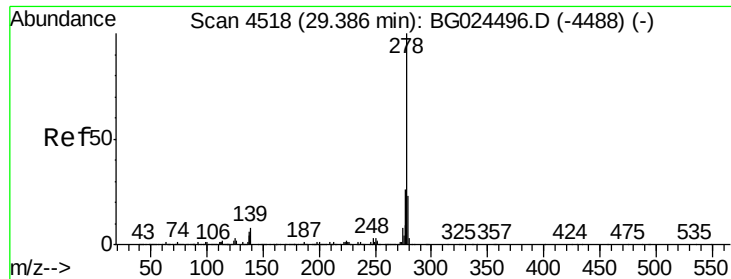
11/1/2016 4:33:34 PM



#89
Benzo(a)pyrene
Concen: 37.29 ng
RT: 25.19 min Scan# 3805
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	6.5	5.4	8.0



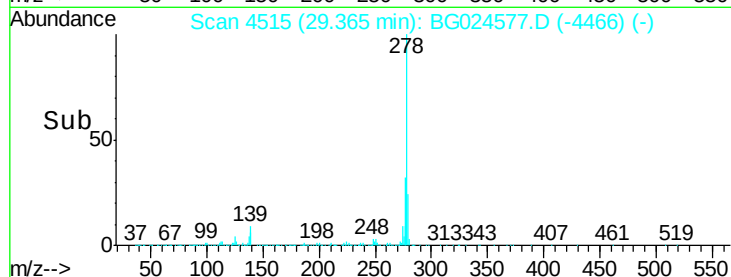
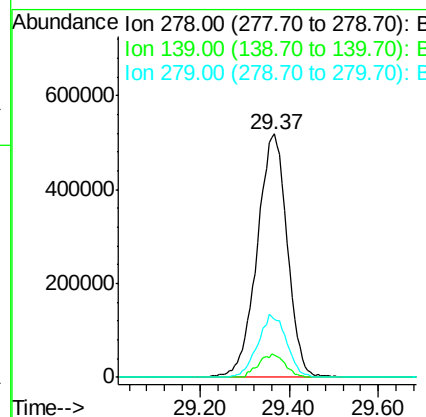
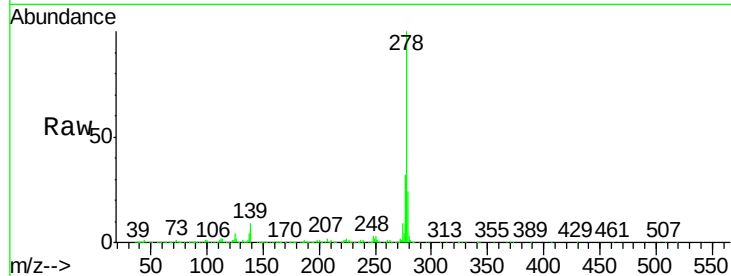


#90
Dibenzo(a,h)anthracene
Concen: 36.16 ng
RT: 29.37 min Scan# 4515
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Instrument :
BNA_G
ClientSampled :
PB94406BS

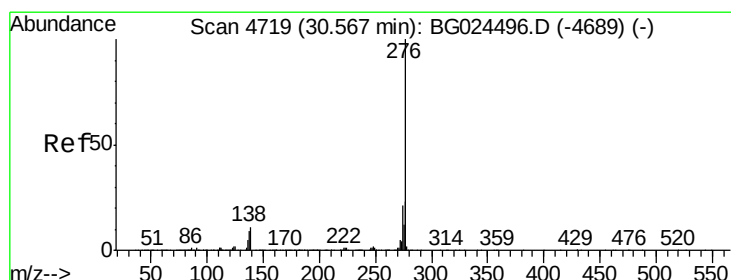
Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.7	11.5
279	24.0	19.1	28.7

Manual Integrations
APPROVED



sohil

11/1/2016 4:33:34 PM



#91
Benzo(g,h,i)perylene
Concen: 36.03 ng
RT: 30.54 min Scan# 4715
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	11.5	8.1	12.1

