

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021717\
 Data File : BG025853.D
 Acq On : 17 Feb 2017 11:03
 Operator : SJ/MA
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDICC2.5

Manual Integrations
 APPROVED

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 2/20/2017 12:58:27 PM

Quant Time: Feb 17 15:45:14 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 13:45:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	111357	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	534354	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	381640	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	843076	20.00	ng	0.00
75) Chrysene-d12	21.67	240	864814	20.00	ng	0.00
86) Perylene-d12	24.89	264	845074	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	30863	4.97	ng	0.00
7) Phenol-d6	7.23	99	45362	5.00	ng	0.00
23) Nitrobenzene-d5	9.24	82	37947	3.00	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	16665	3.06	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	120016	5.11	ng	0.00
78) Terphenyl-d14	20.01	244	207837	5.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	7762	2.76	ng	# 87
3) Pyridine	3.96	79	20312m	2.66	ng	
6) Aniline	7.40	93	31675	2.48	ng	91
8) 2-Chlorophenol	7.65	128	18357	2.60	ng	87
9) Benzaldehyde	7.22	77	16578	2.15	ng	90
10) Phenol	7.26	94	24154	2.37	ng	# 73
11) bis(2-Chloroethyl)ether	7.50	93	21014	2.61	ng	# 82
12) 1,3-Dichlorobenzene	7.98	146	23424	2.72	ng	# 87
13) 1,4-Dichlorobenzene	8.13	146	22777m	2.60	ng	
14) 1,2-Dichlorobenzene	8.45	146	22987	2.74	ng	# 90
17) 2-Methylphenol	8.51	107	16286	2.34	ng	# 77
18) Hexachloroethane	9.18	117	7439	2.08	ng	# 81
20) 3+4-Methylphenols	8.84	107	23117	2.43	ng	88
22) Acetophenone	8.90	105	30471	2.08	ng	# 82
27) 2,4-Dimethylphenol	10.05	122	18337	2.15	ng	86
28) bis(2-Chloroethoxy)methane	10.28	93	29344	2.25	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	21767	2.14	ng	96
31) Naphthalene	10.94	128	71443	2.58	ng	# 94
33) 4-Chloroaniline	11.04	127	28435	2.47	ng	# 86
37) 2-Methylnaphthalene	12.53	142	52609	2.46	ng	# 89
40) Hexachlorocyclopentadiene	12.89	237	12140	3.26	ng	92
45) 1,1'-Biphenyl	13.53	154	72011	2.71	ng	98
46) 2-Chloronaphthalene	13.57	162	51732	2.48	ng	97
48) Acenaphthylene	14.41	152	88528	2.55	ng	93
49) Dimethylphthalate	14.13	163	66778	2.32	ng	# 95
51) Acenaphthene	14.75	154	59116	2.76	ng	99
52) 3-Nitroaniline	14.57	138	13392	2.18	ng	80
54) Dibenzofuran	15.08	168	83737	2.59	ng	# 89
55) 4-Nitrophenol	14.87	139	10484	2.55	ng	# 45
57) Fluorene	15.73	166	75343	2.62	ng	97
59) Diethylphthalate	15.49	149	69293	2.27	ng	97
60) 4-Chlorophenyl-phenylether	15.72	204	34518	2.21	ng	97
61) 4-Nitroaniline	15.72	138	14830	2.41	ng	# 57
65) n-Nitrosodiphenylamine	15.93	169	62478	2.58	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Bromophenyl-phenylether	16.61	248	21605	2.11	ng	93
67) Hexachlorobenzene	16.73	284	23589	2.05	ng	94
69) Pentachlorophenol	17.06	266	11175	2.21	ng	# 88
70) Phenanthrene	17.46	178	122596	2.68	ng	92
71) Anthracene	17.55	178	120310	2.55	ng	96
72) Carbazole	17.81	167	123951	2.71	ng	# 92
73) Di-n-butylphthalate	18.37	149	106839	2.02	ng	# 94
74) Fluoranthene	19.46	202	137021	2.18	ng	94
76) Benzydine	19.63	184	60817	2.05	ng	97
77) Pyrene	19.82	202	146479	3.04	ng	95
79) Butylbenzylphthalate	20.71	149	42992	2.15	ng	# 83
80) Benzo(a)anthracene	21.65	228	132124m	2.58	ng	
81) 3,3'-Dichlorobenzidine	21.56	252	42369	2.11	ng	93
82) Chrysene	21.72	228	130887	2.70	ng	93
83) Bis(2-ethylhexyl)phthalate	21.57	149	62691	2.25	ng	# 96
84) Di-n-octyl phthalate	22.78	149	95259	2.11	ng	# 90
85) Indeno(1,2,3-cd)pyrene	28.53	276	131890	2.23	ng	# 94
87) Benzo(b)fluoranthene	23.86	252	122267	2.50	ng	# 98
88) Benzo(k)fluoranthene	23.93	252	123155	2.58	ng	# 90
89) Benzo(a)pyrene	24.72	252	116333	2.50	ng	# 97
90) Dibenzo(a,h)anthracene	28.59	278	116620	2.43	ng	# 94
91) Benzo(g,h,i)perylene	29.66	276	116674	2.44	ng	# 88

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

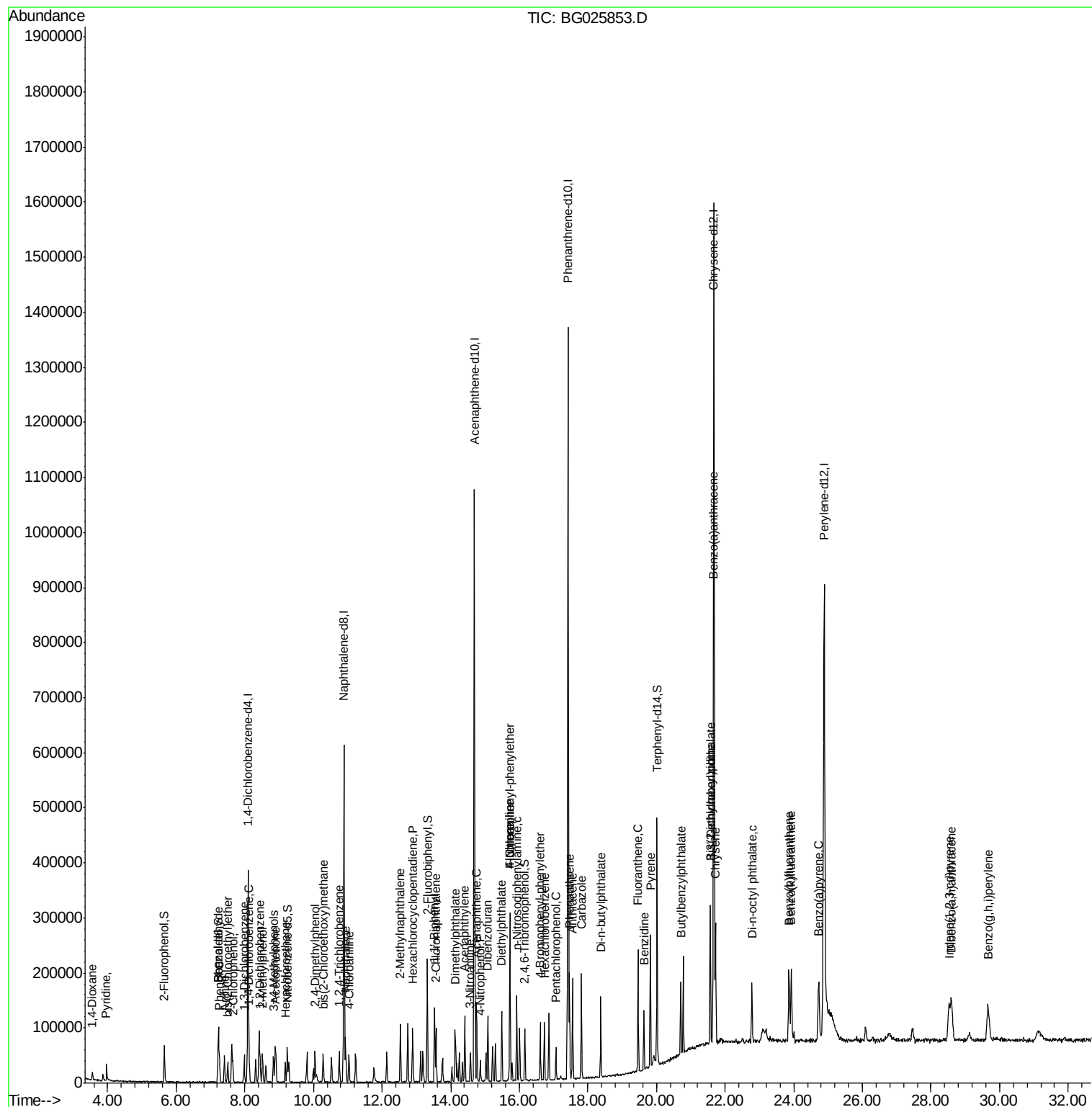
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021717\
Data File : BG025853.D
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ALS Vial : 2 Sample Multiplier: 1

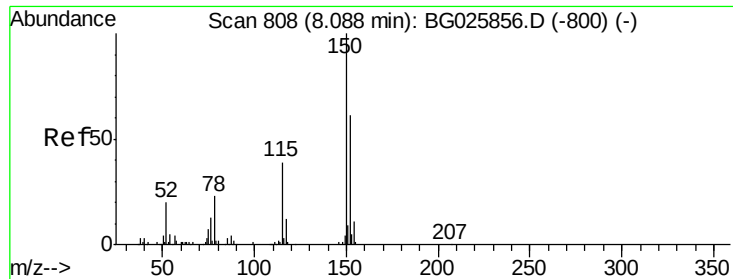
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

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#1

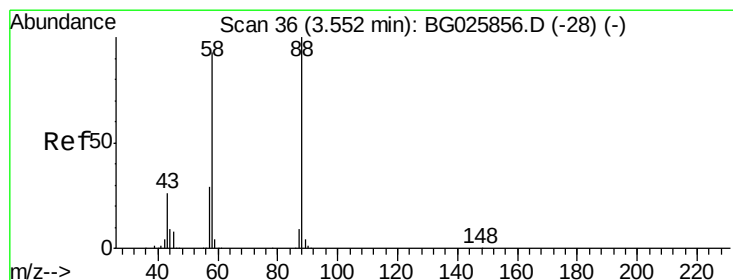
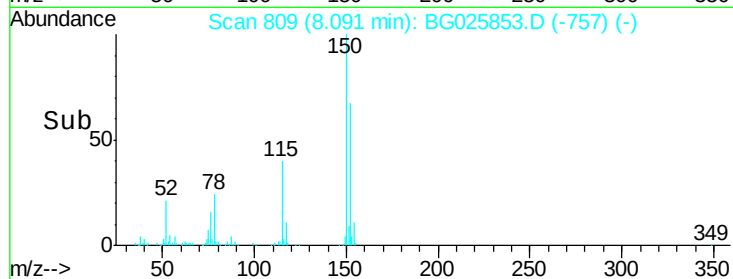
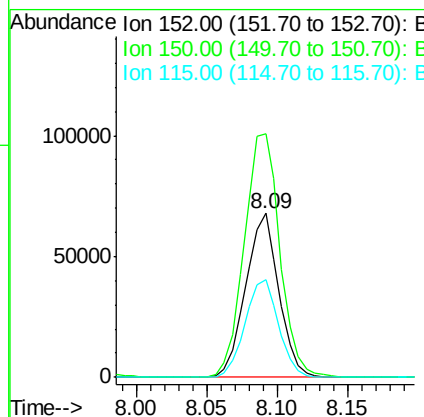
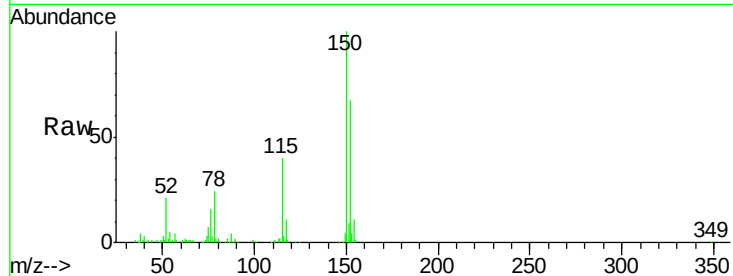
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.3	114.0	171.0
115	59.6	48.1	72.1

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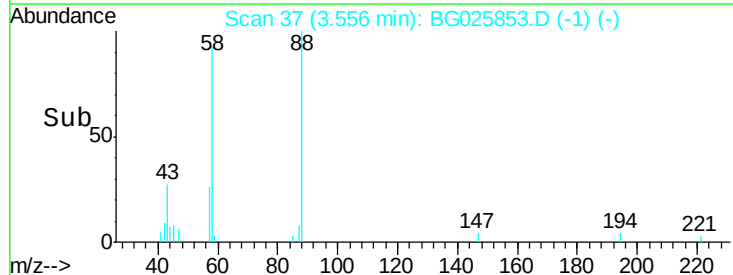
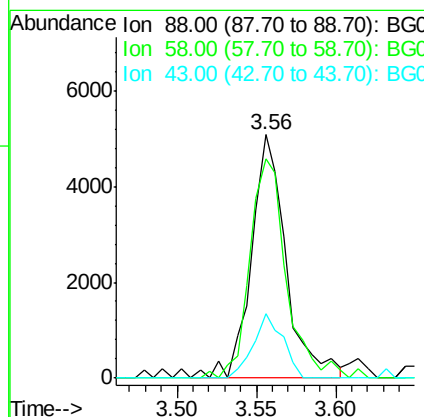
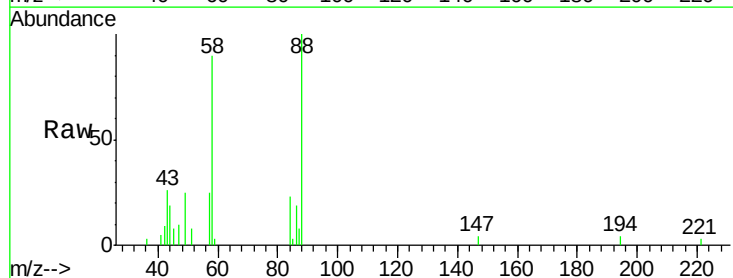
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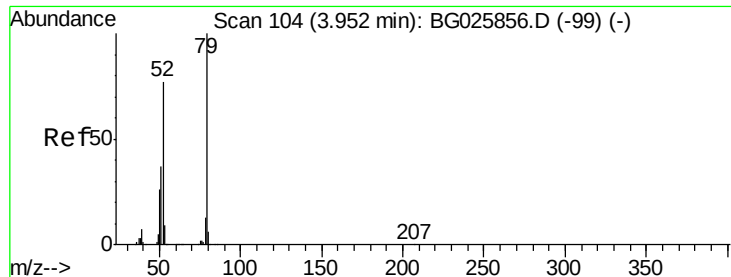


#2

1,4-Dioxane
Concen: 2.76 ng
RT: 3.56 min Scan# 37
Delta R.T. 0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.3	79.4	119.2
43	22.3	33.8	50.6





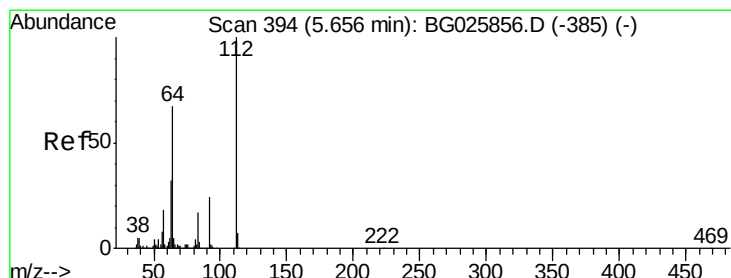
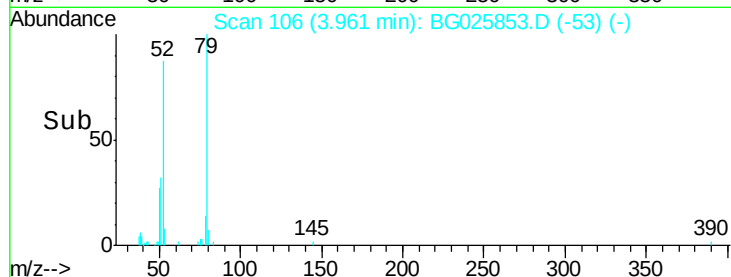
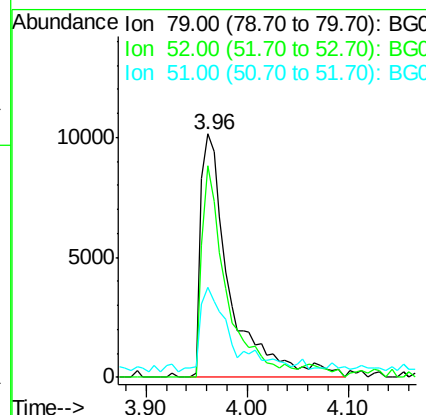
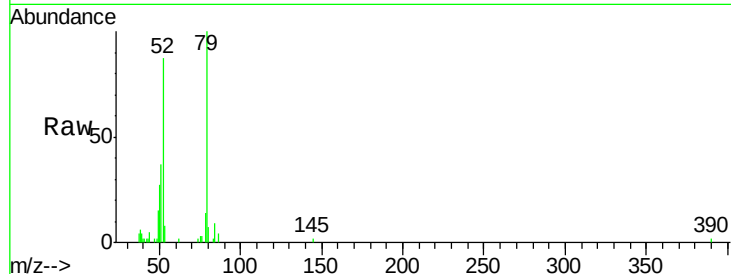
#3
 Pyridine
 Concen: 2.66 ng m
 RT: 3.96 min Scan# 106
 Delta R.T. 0.01 min
 Lab File: BG025853.D
 Acq: 17 Feb 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
79	100		
52	86.8	77.8	116.6
51	36.7	43.2	64.8#

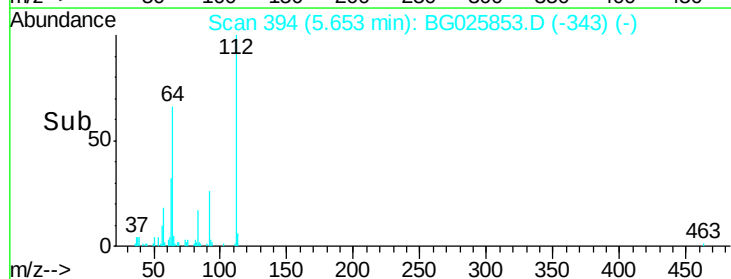
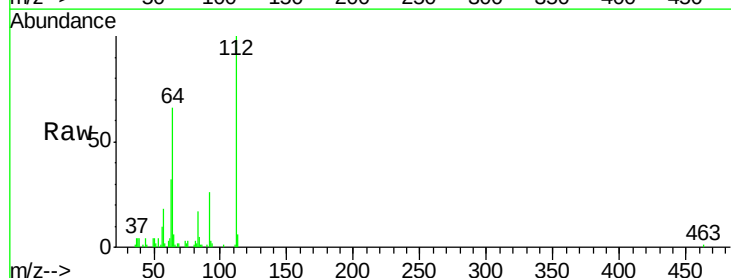
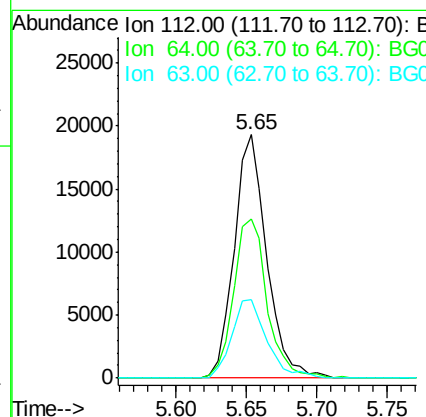
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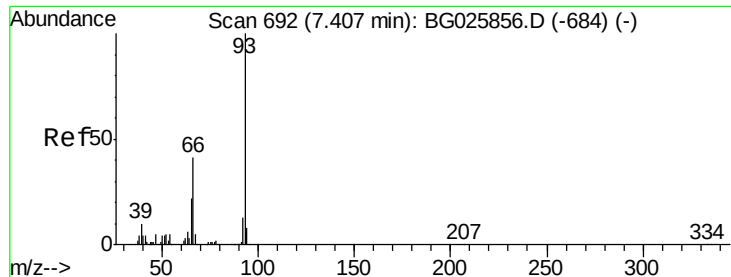
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#5
 2-Fluorophenol
 Concen: 4.97 ng
 RT: 5.65 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BG025853.D
 Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	61.8	92.6
63	32.0	37.2	55.8#





#6

Aniline

Concen: 2.48 ng

RT: 7.40 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

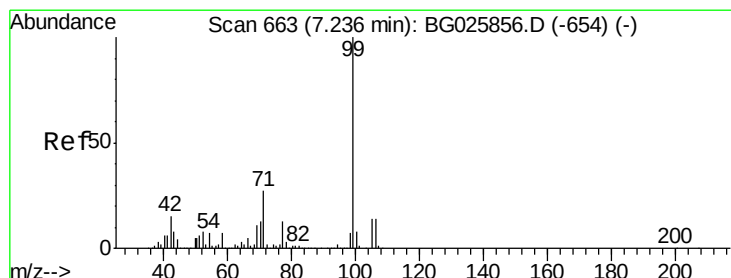
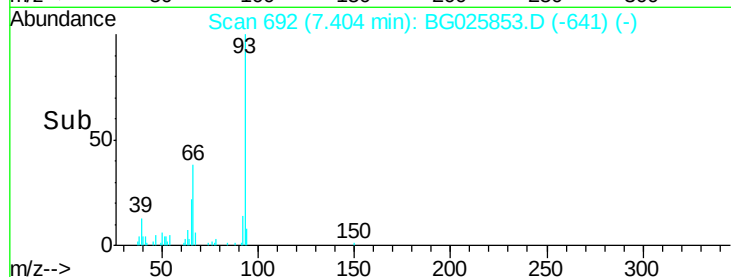
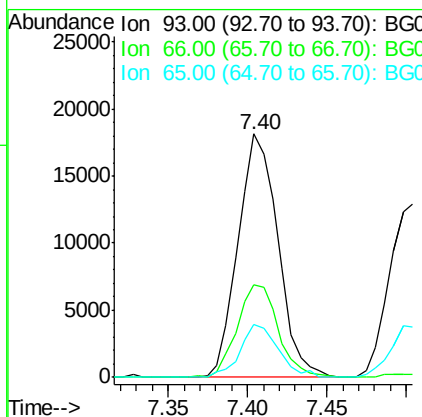
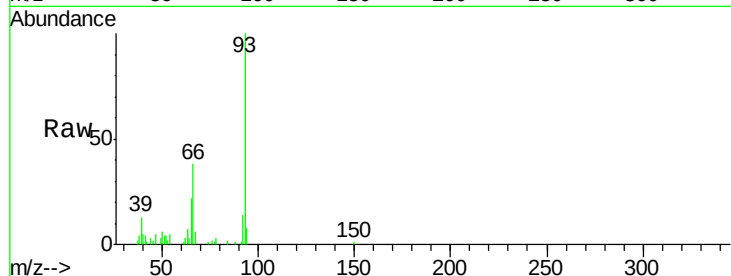
ClientSampleId :

SSTDICC2.5

Tgt Ion:	93	Resp:	31675
Ion Ratio	Lower	Upper	
93	100		
66	38.3	35.4	53.2
65	21.6	21.2	31.8

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#7

Phenol-d6

Concen: 5.00 ng

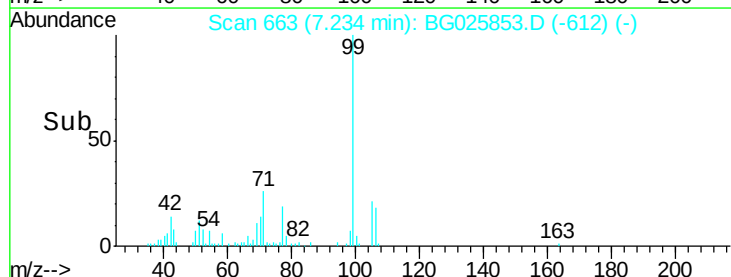
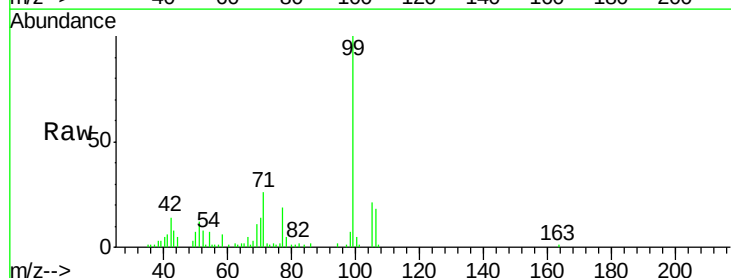
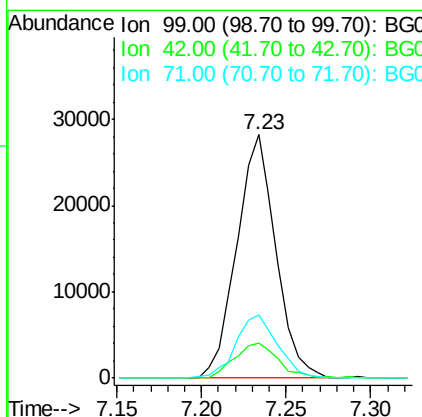
RT: 7.23 min Scan# 663

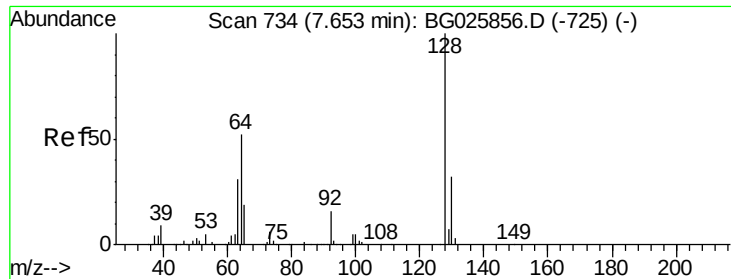
Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Tgt Ion:	99	Resp:	45362
Ion Ratio	Lower	Upper	
99	100		
42	14.2	20.5	30.7#
71	25.7	37.6	56.4#





#8

2-Chlorophenol

Concen: 2.60 ng

RT: 7.65 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

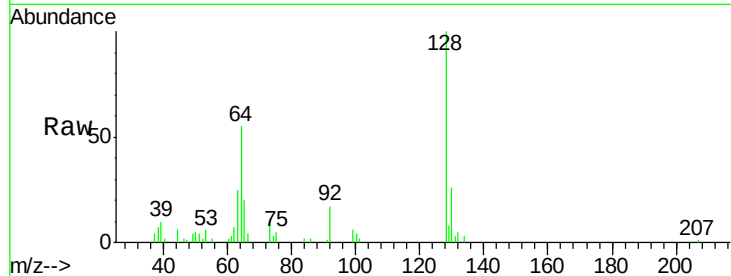
ClientSampled :

SSTDICC2.5

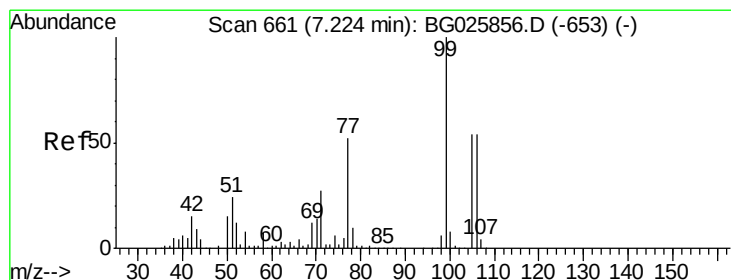
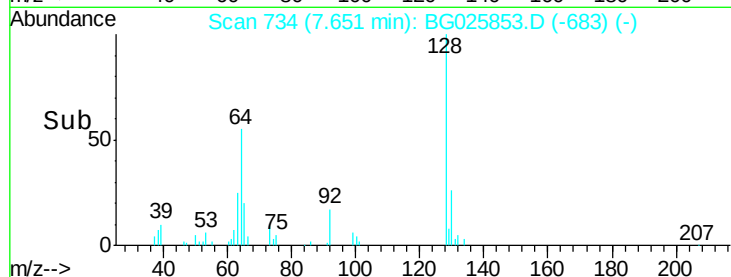
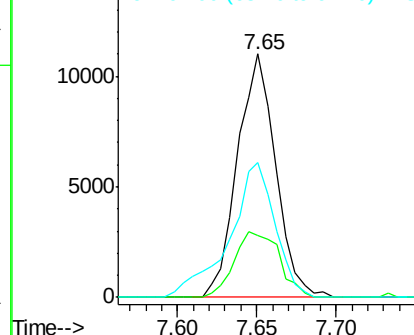
Tgt Ion:	128	Resp:	18357
Ion Ratio	Lower	Upper	
128	100		
130	25.6	11.4	51.4
64	55.3	46.6	86.6

Manual Integrations
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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: 2.15 ng

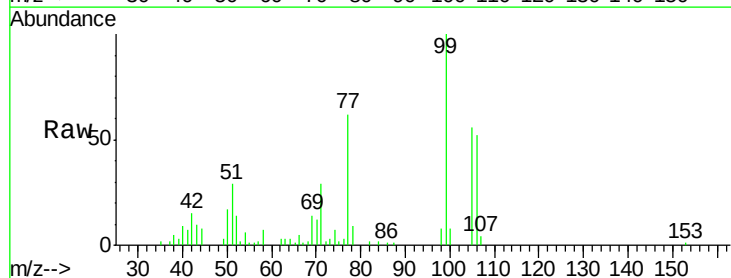
RT: 7.22 min Scan# 661

Delta R.T. -0.00 min

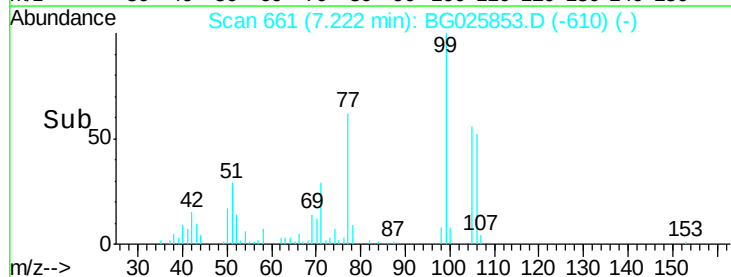
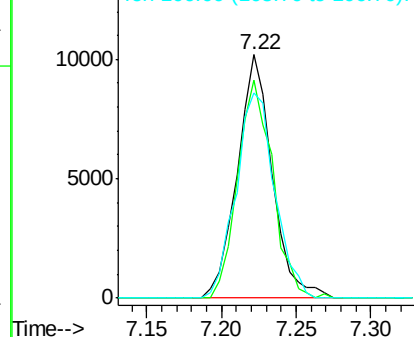
Lab File: BG025853.D

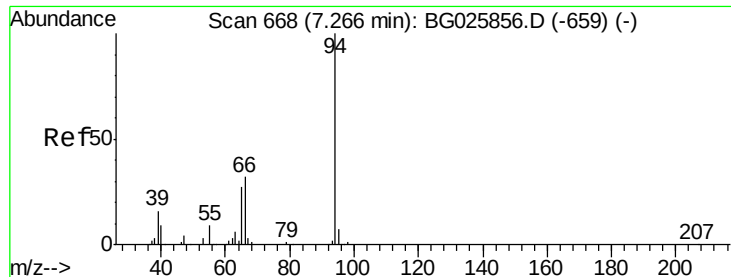
Acq: 17 Feb 2017 11:03

Tgt Ion:	77	Resp:	16578
Ion Ratio	Lower	Upper	
77	100		
105	89.6	60.9	100.9
106	84.5	55.1	95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





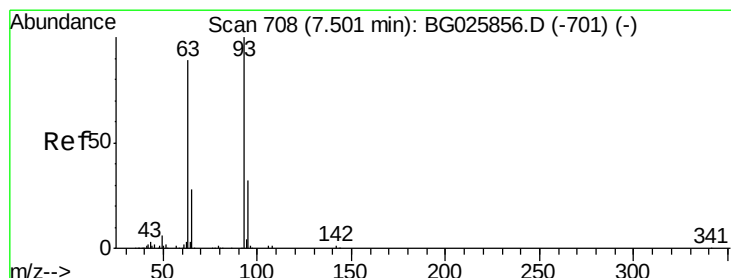
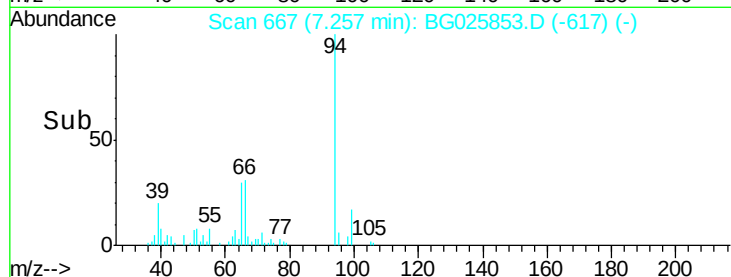
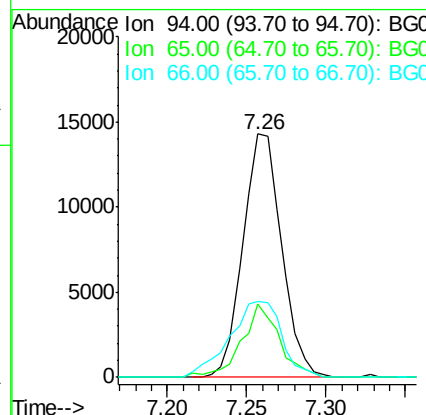
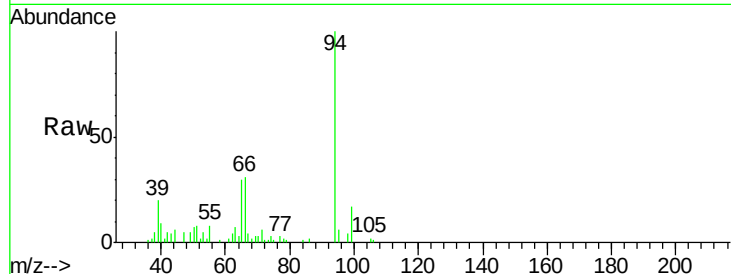
#10
Phenol
Concen: 2.37 ng
RT: 7.26 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	20.6	60.6
66	31.2	35.5	75.5#

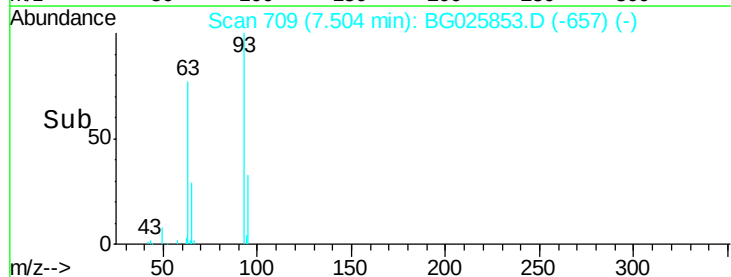
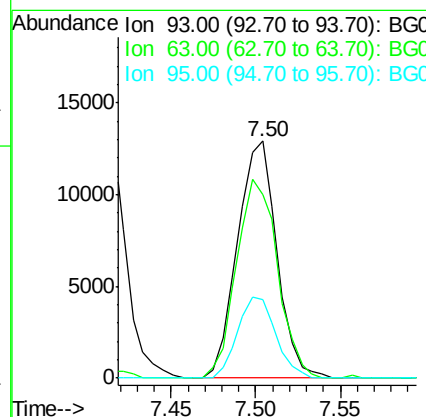
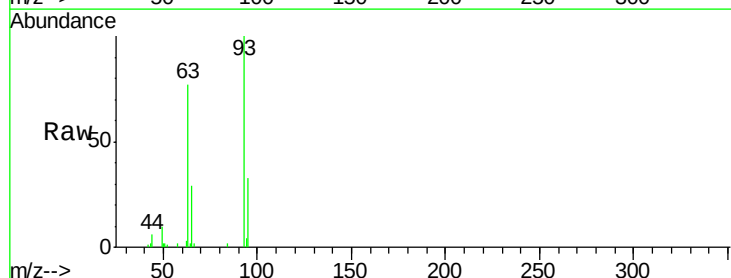
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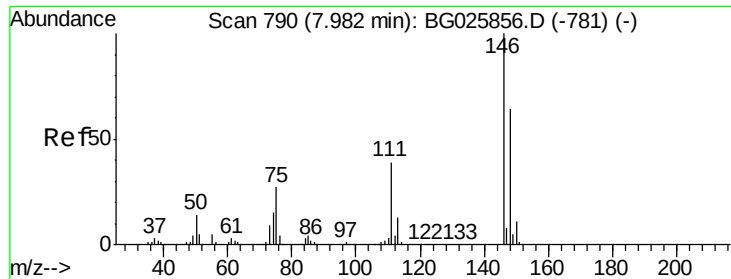
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#11
bis(2-Chloroethyl)ether
Concen: 2.61 ng
RT: 7.50 min Scan# 709
Delta R.T. 0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.4	78.5	118.5#
95	33.0	9.8	49.8





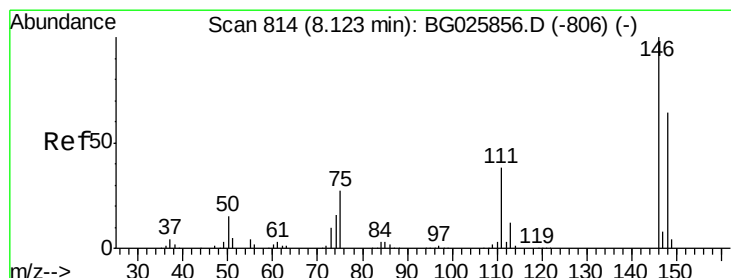
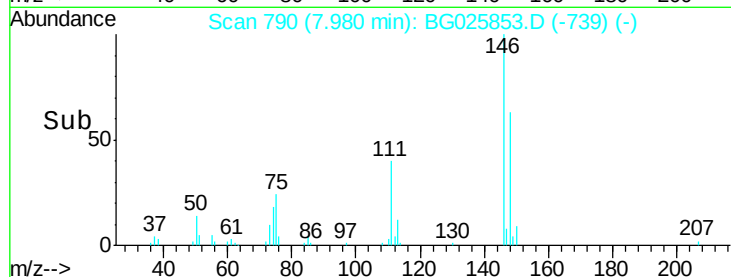
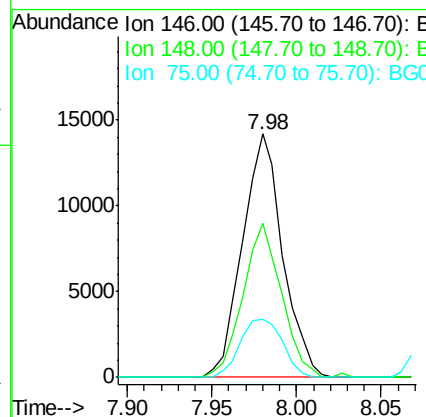
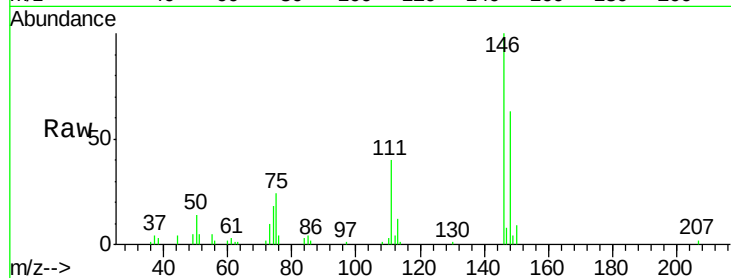
#12
 1,3-Dichlorobenzene
 Concen: 2.72 ng
 RT: 7.98 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BG025853.D
 Acq: 17 Feb 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.2	73.8
75	23.8	33.4	50.2#

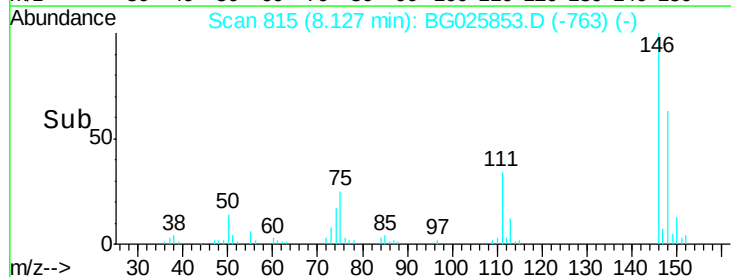
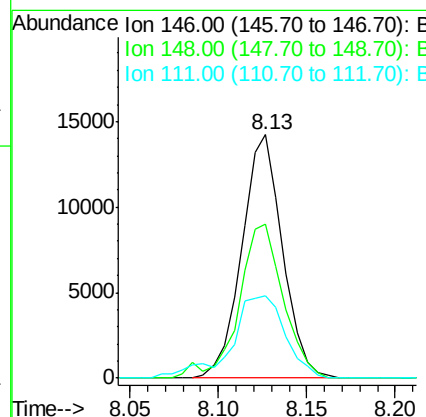
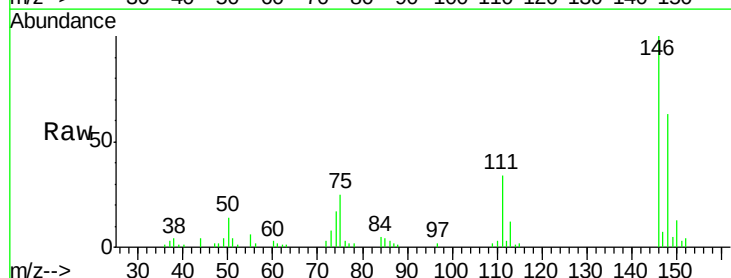
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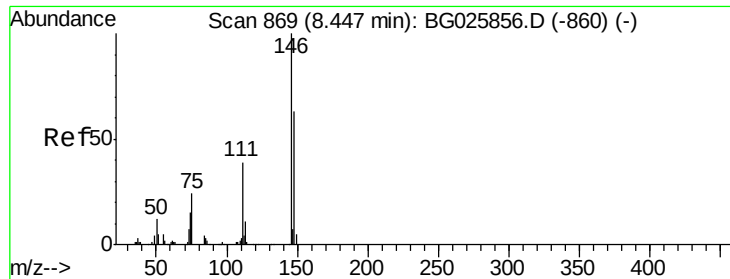
mohammad
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#13
 1,4-Dichlorobenzene
 Concen: 2.60 ng m
 RT: 8.13 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BG025853.D
 Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	34.0	37.0	55.6#





#14

1,2-Dichlorobenzene

Concen: 2.74 ng

RT: 8.45 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

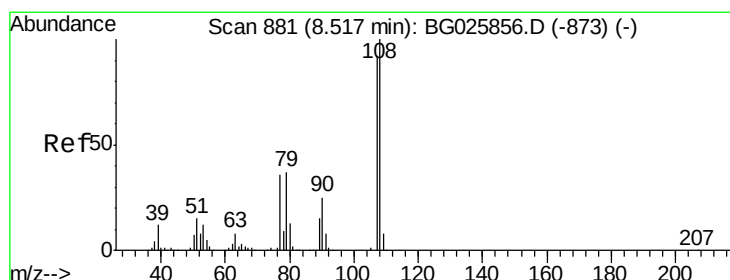
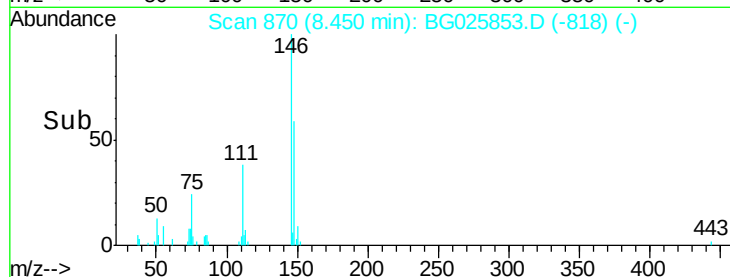
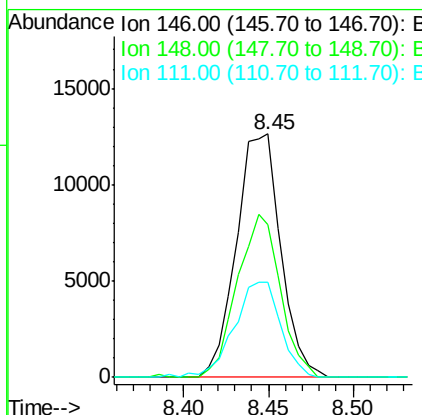
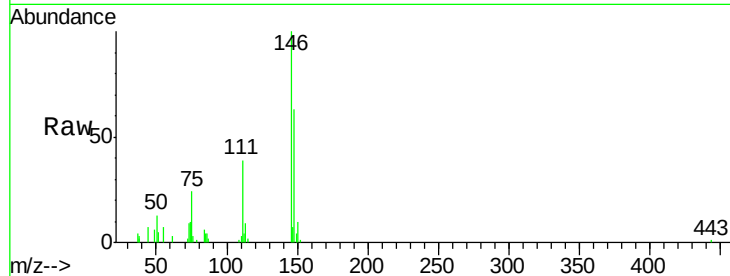
ClientSampleId :

SSTDICC2.5

Tgt Ion:	146	Resp:	22987
Ion Ratio	Lower	Upper	
146	100		
148	62.9	54.6	81.8
111	39.1	39.7	59.5#

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#17

2-Methylphenol

Concen: 2.34 ng

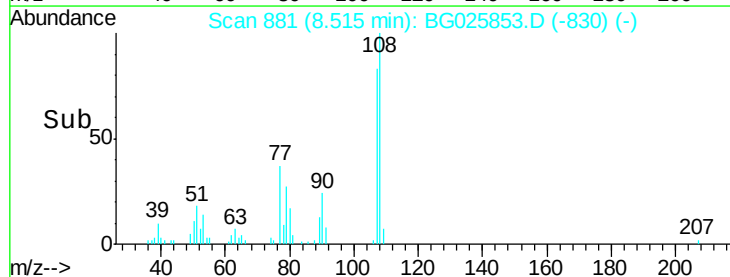
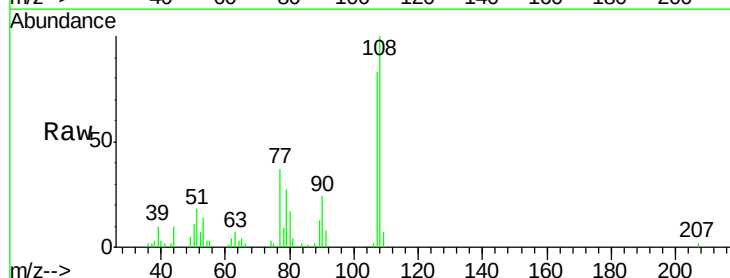
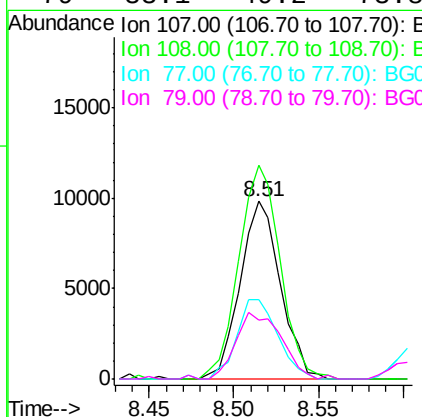
RT: 8.51 min Scan# 881

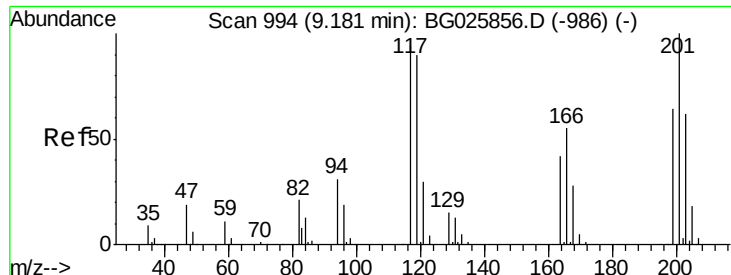
Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Tgt Ion:	107	Resp:	16286
Ion Ratio	Lower	Upper	
107	100		
108	120.4	85.6	128.4
77	44.8	51.4	77.2#
79	33.1	49.2	73.8#





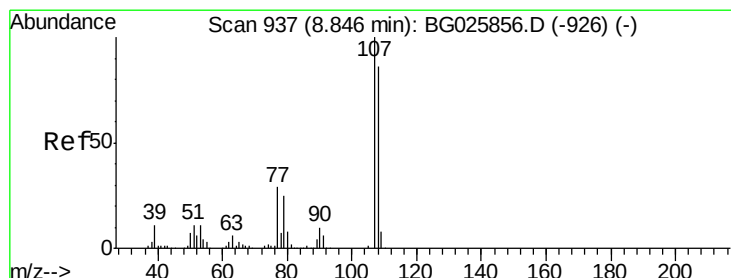
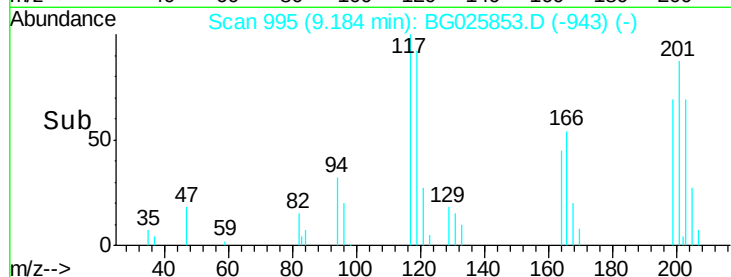
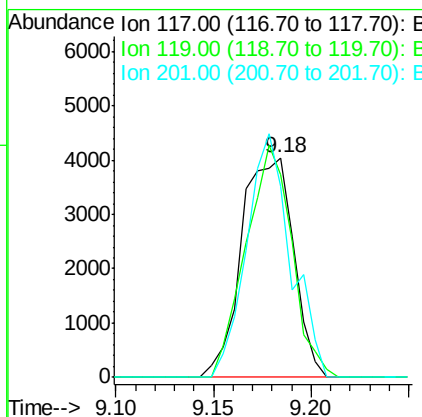
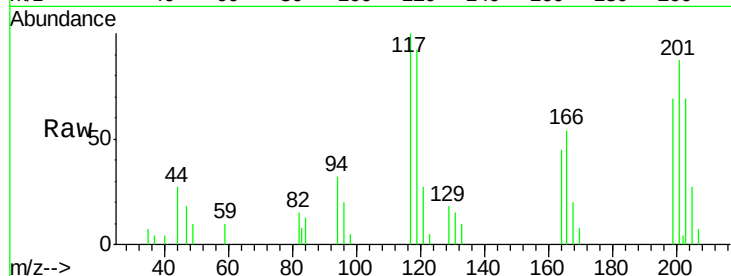
#18
Hexachloroethane
Concen: 2.08 ng
RT: 9.18 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	69.8	104.6
201	87.2	95.4	143.0

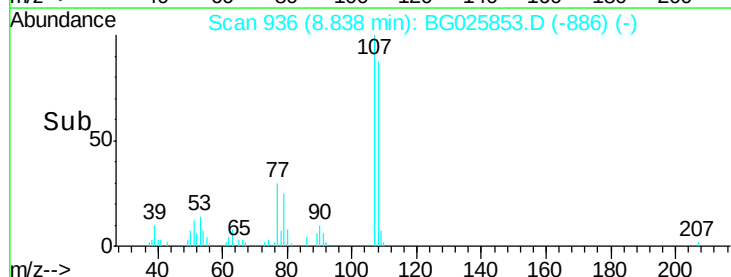
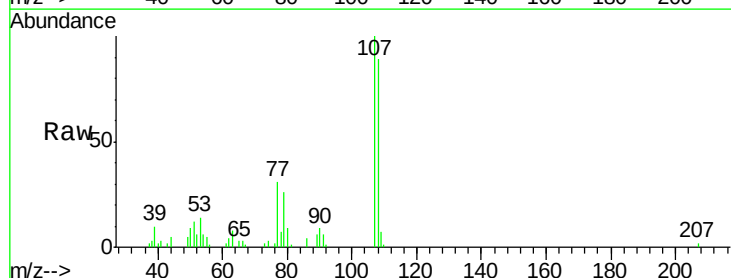
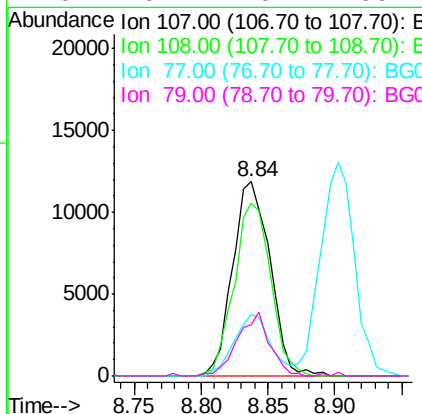
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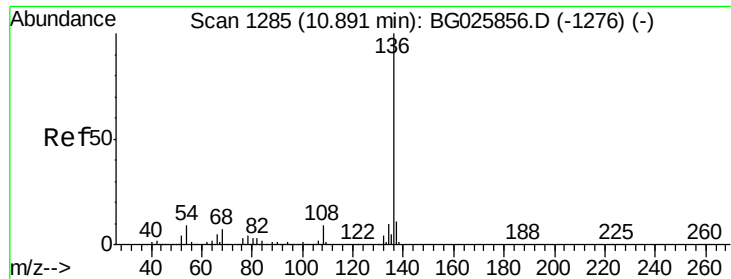
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#20
3+4-Methylphenols
Concen: 2.43 ng
RT: 8.84 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.8	110.8
77	31.4	25.8	65.8
79	26.4	20.1	60.1





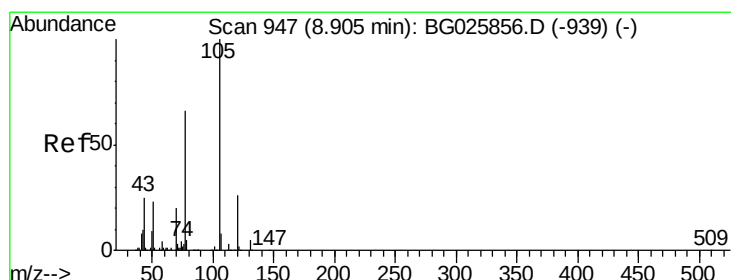
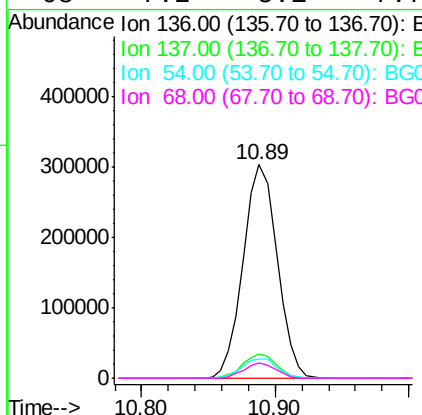
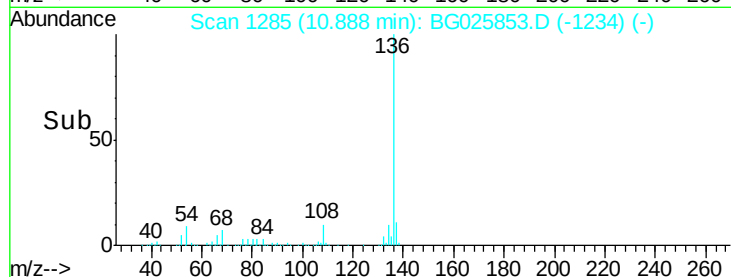
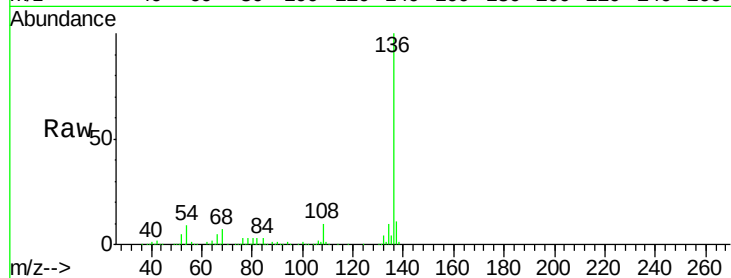
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	534354		
137	11.2	8.9	13.3	
54	9.0	9.3	13.9	
68	7.2	5.1	7.7	

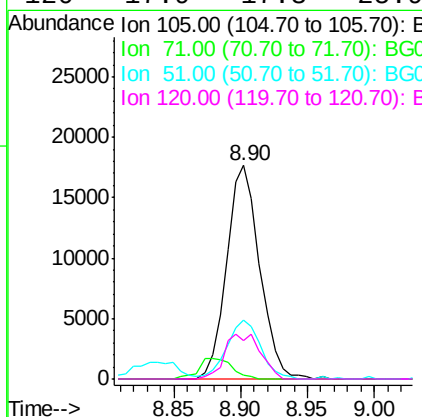
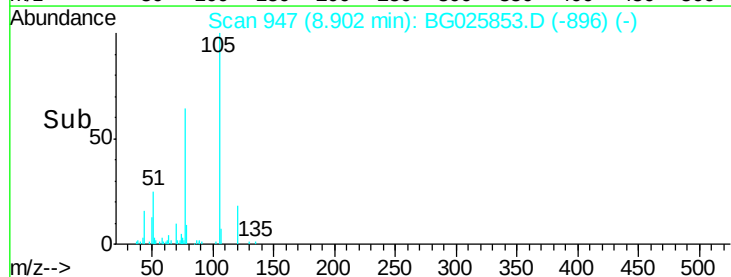
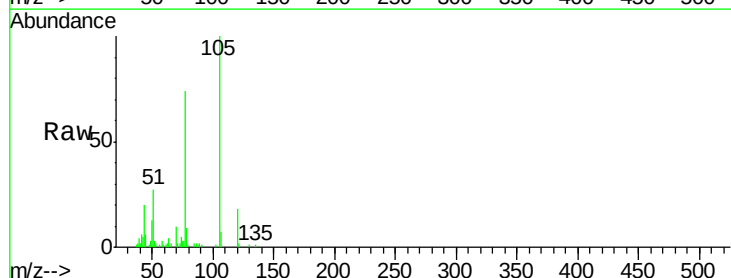
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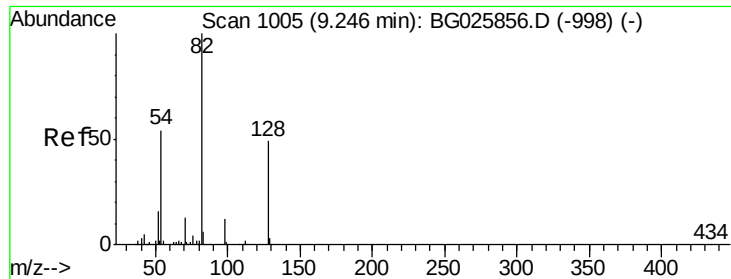
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#22
Acetophenone
Concen: 2.08 ng
RT: 8.90 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	30471		
71	2.1	0.9	1.3	
51	27.4	34.0	51.0	
120	17.9	17.3	25.9	





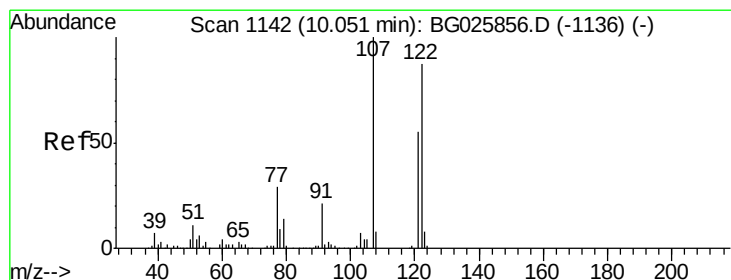
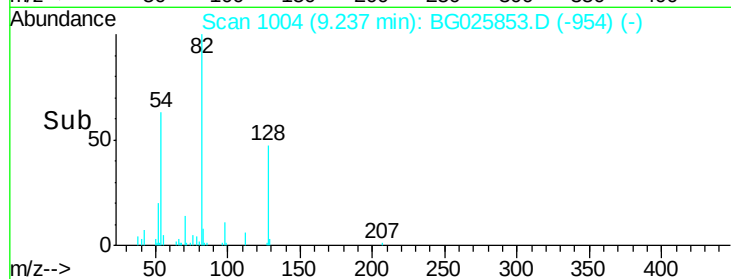
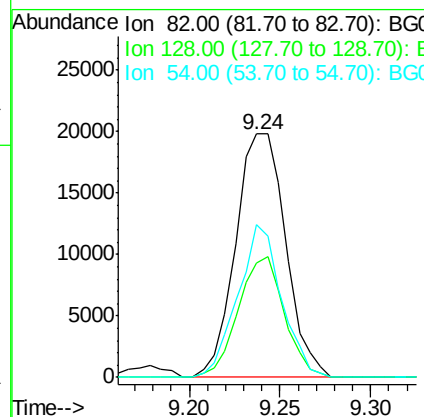
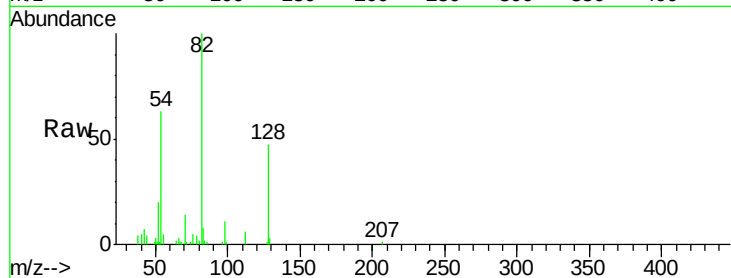
#23
 Nitrobenzene-d5
 Concen: 3.00 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025853.D
 Acq: 17 Feb 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	26.4	39.6#
54	62.9	49.4	74.2

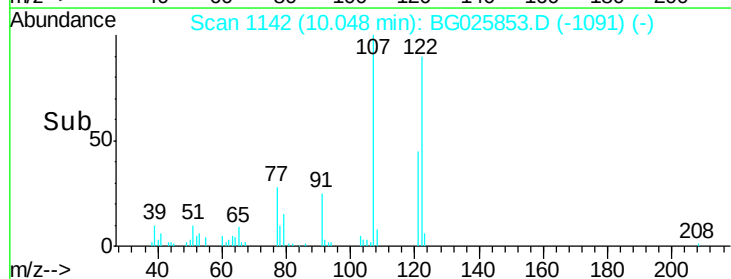
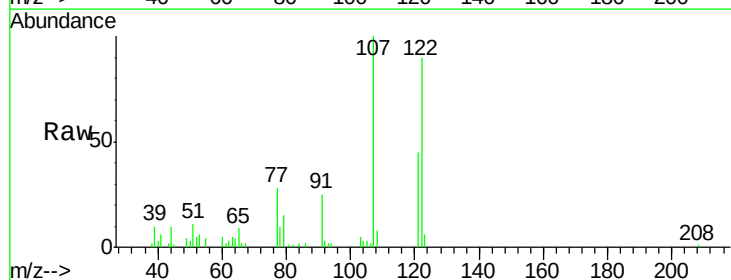
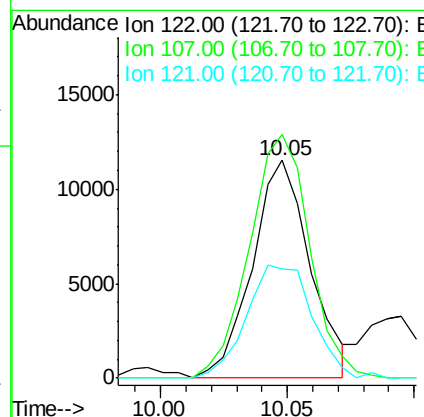
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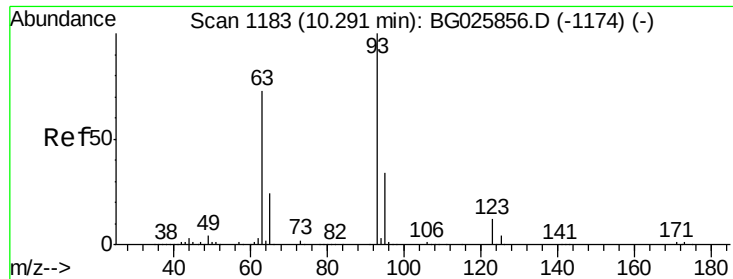
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#27
 2,4-Dimethylphenol
 Concen: 2.15 ng
 RT: 10.05 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BG025853.D
 Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.7	104.2	156.4
121	50.2	46.0	69.0





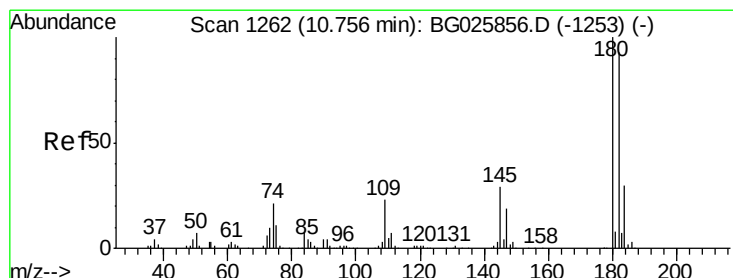
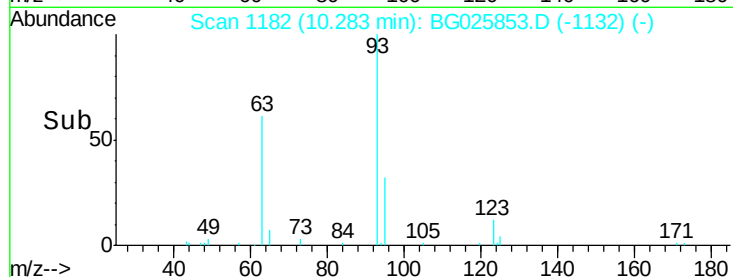
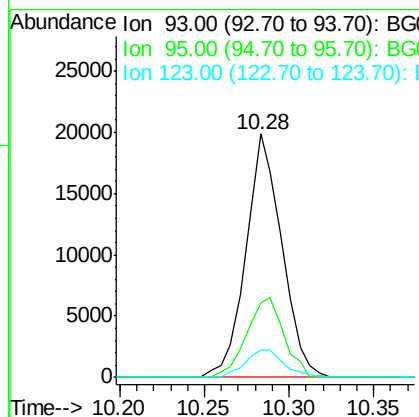
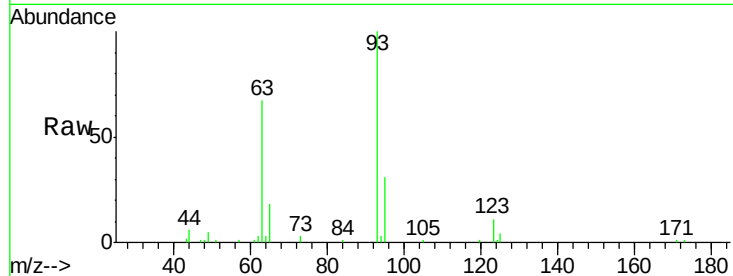
#28
bis(2-Chloroethoxy)methane
Concen: 2.25 ng
RT: 10.28 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	25.7	38.5
123	11.4	8.3	12.5

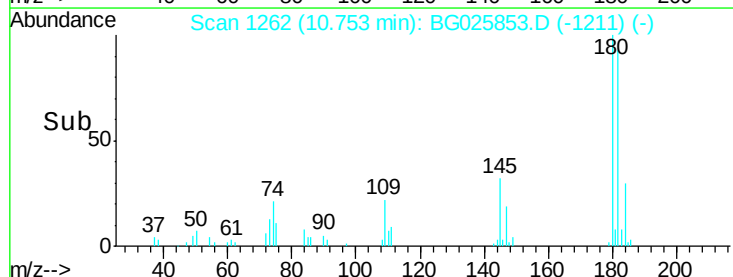
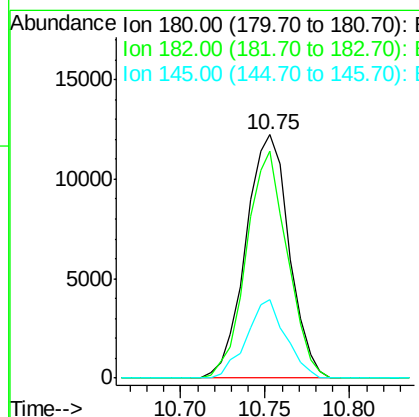
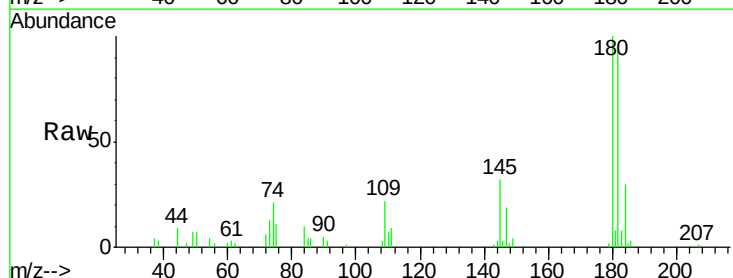
Manual Integrations
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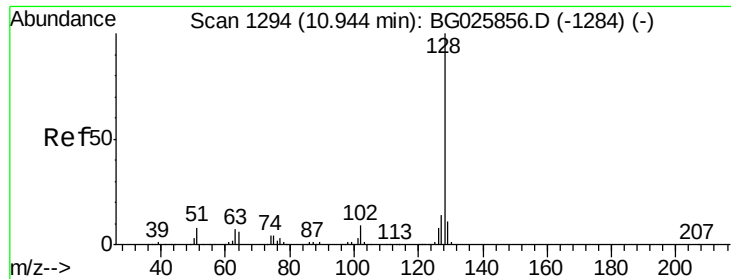
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 2.14 ng
RT: 10.75 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.0	115.4
145	32.2	23.4	35.0





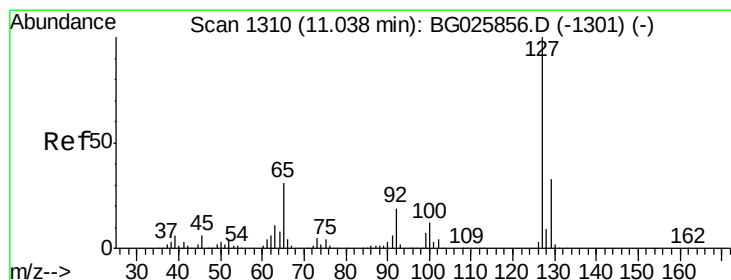
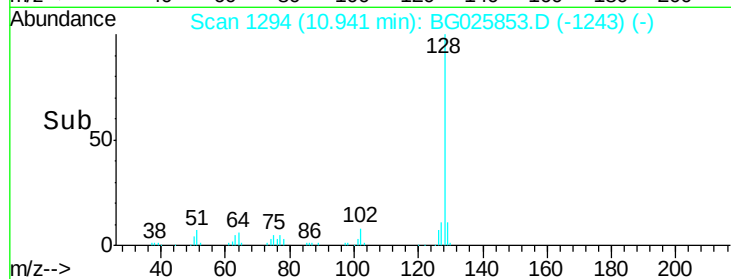
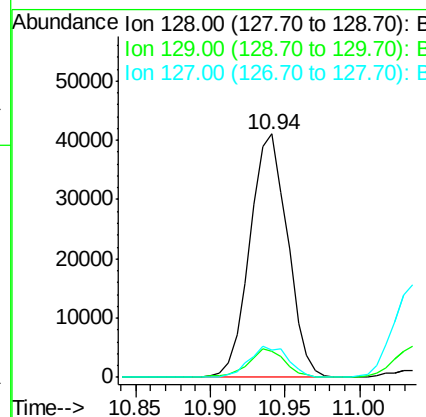
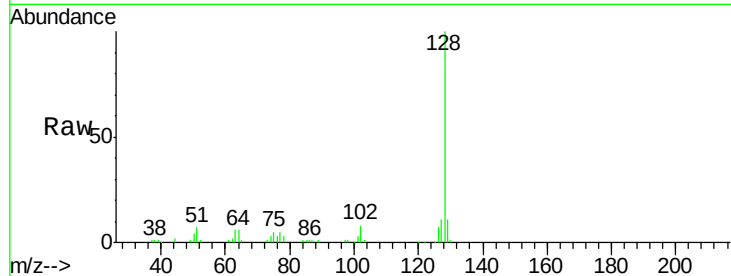
#31
Naphthalene
Concen: 2.58 ng
RT: 10.94 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampled :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.3	13.9
127	11.0	11.4	17.0#

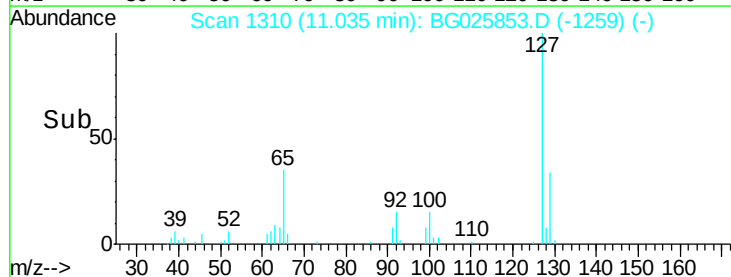
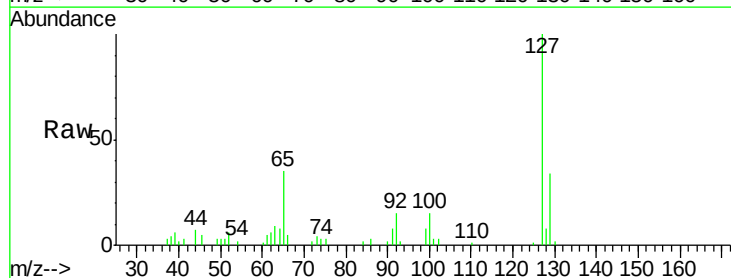
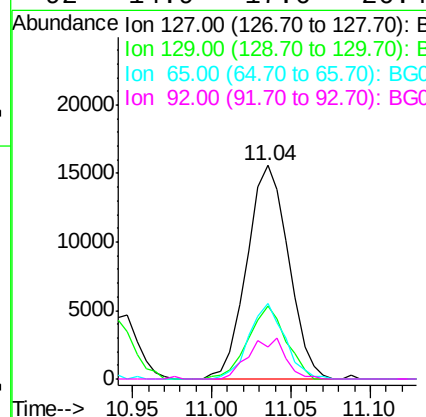
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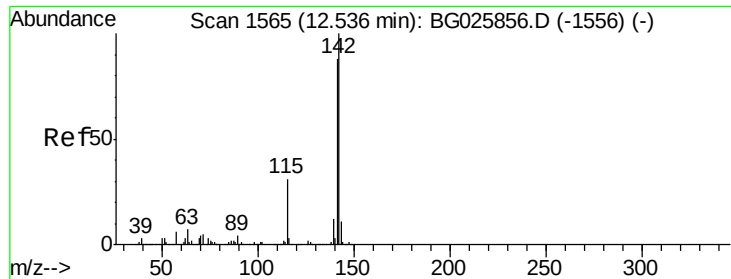
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#33
4-Chloroaniline
Concen: 2.47 ng
RT: 11.04 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.4	23.6	35.4
65	35.4	37.7	56.5#
92	14.9	17.6	26.4#





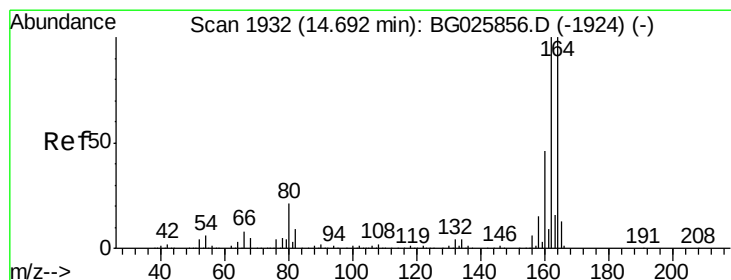
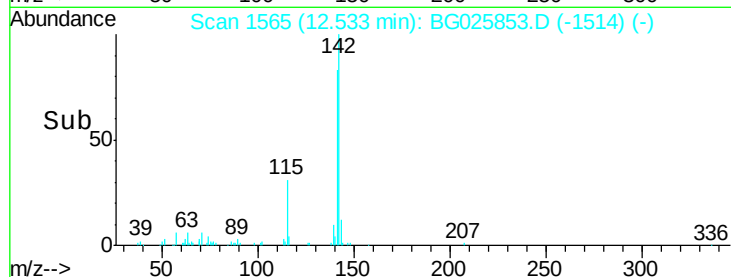
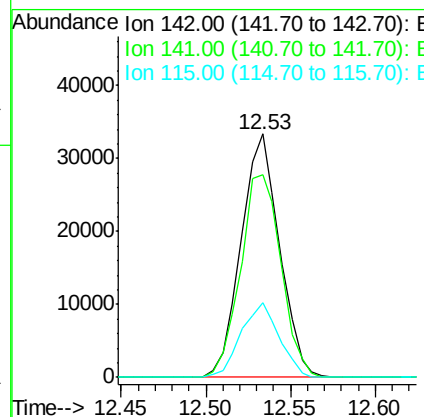
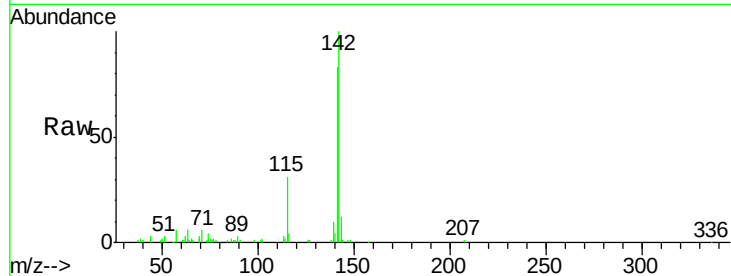
#37
 2-Methylnaphthalene
 Concen: 2.46 ng
 RT: 12.53 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BG025853.D
 Acq: 17 Feb 2017 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.3	70.4	105.6
115	30.6	35.5	53.3

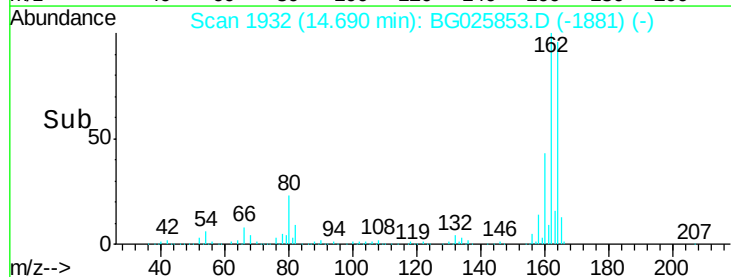
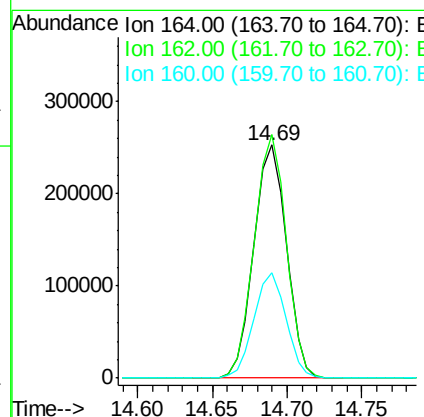
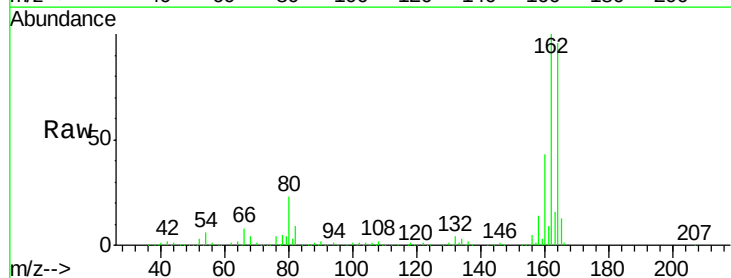
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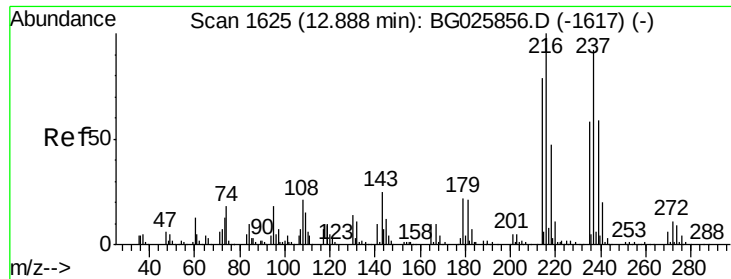
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BG025853.D
 Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	45.1	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 3.26 ng

RT: 12.89 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

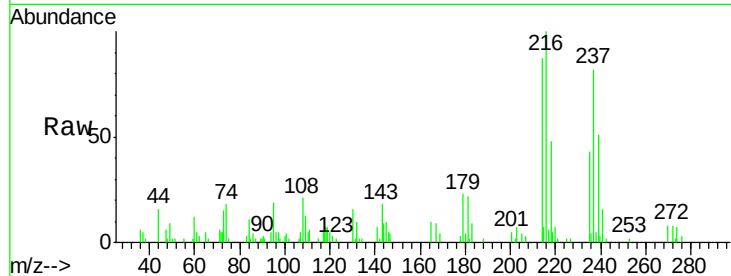
ClientSampleId :

SSTDICC2.5

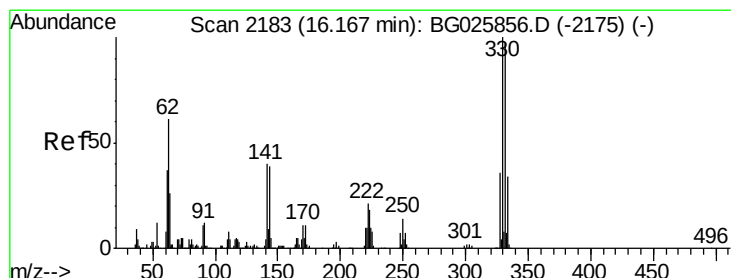
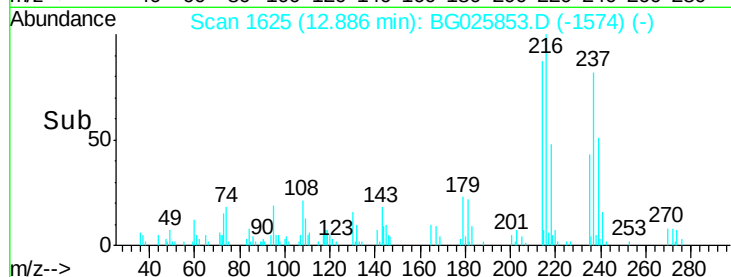
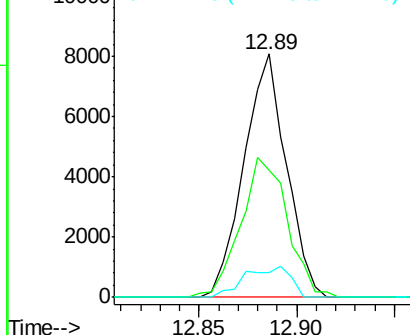
Tgt Ion:	237	Resp:	12140
Ion Ratio	Lower	Upper	
237	100		
235	52.5	39.4	79.4
272	10.2	0.0	32.0

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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: 3.06 ng

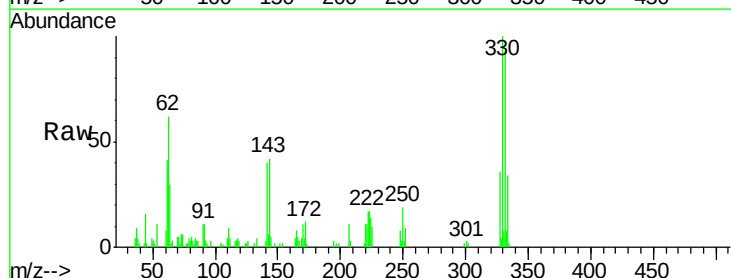
RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

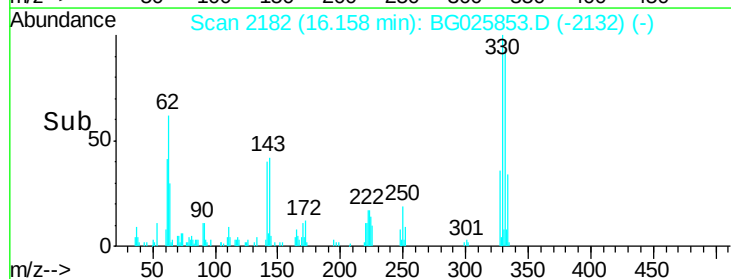
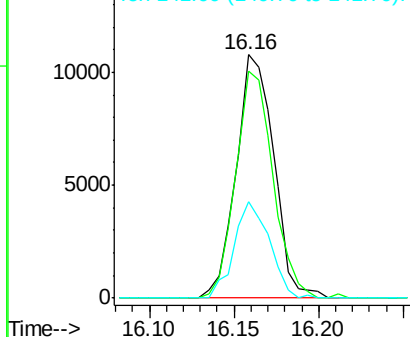
Lab File: BG025853.D

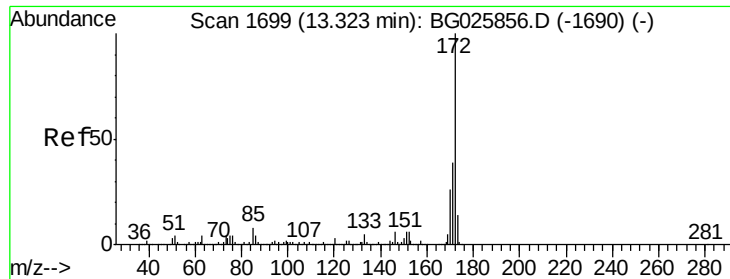
Acq: 17 Feb 2017 11:03

Tgt Ion:	330	Resp:	16665
Ion Ratio	Lower	Upper	
330	100		
332	92.6	77.3	115.9
141	37.3	32.1	48.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





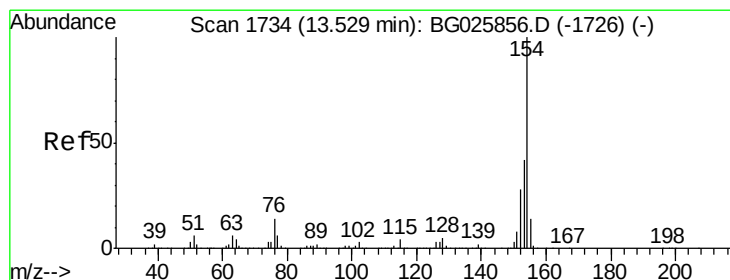
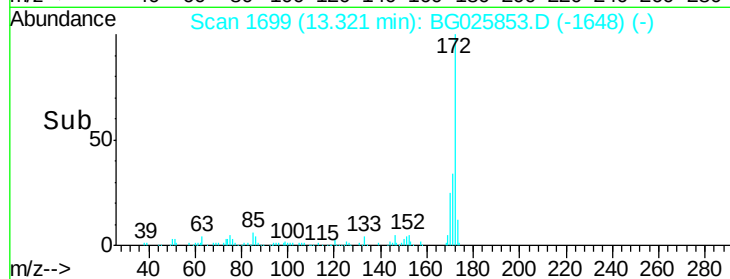
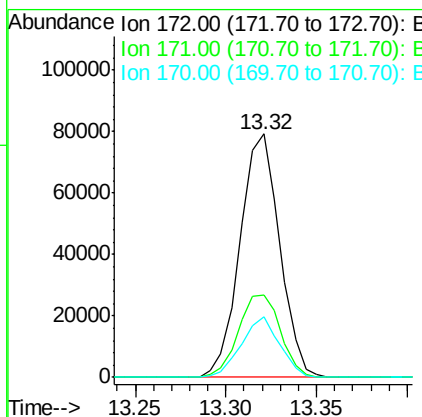
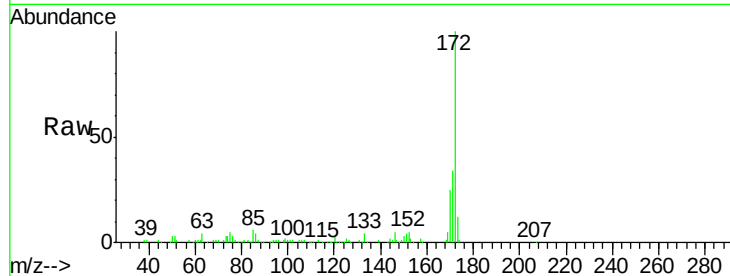
#44
2-Fluorobiphenyl
Concen: 5.11 ng
RT: 13.32 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampled :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	32.2	48.2
170	24.6	21.8	32.6

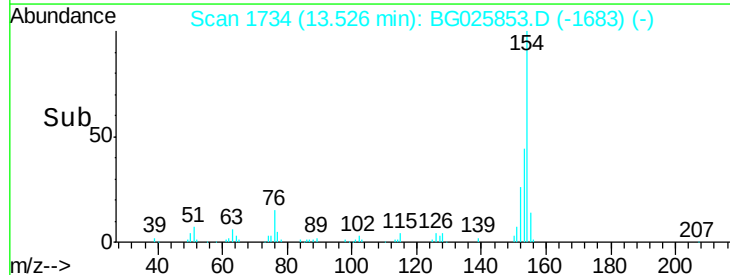
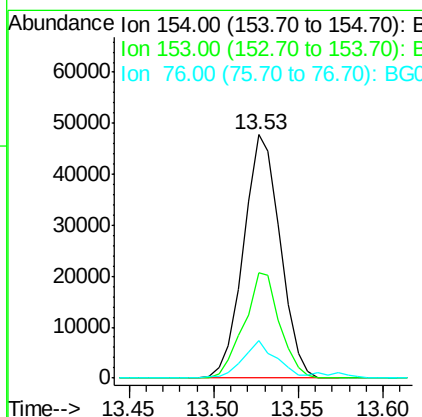
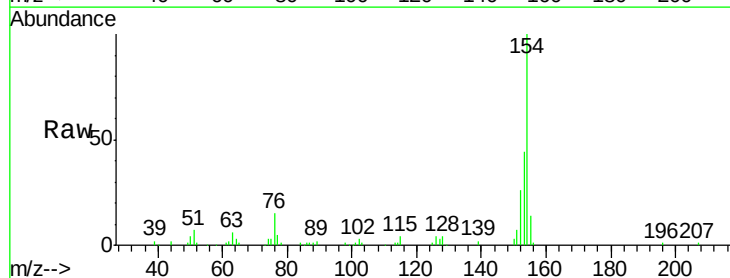
Manual Integrations
APPROVED

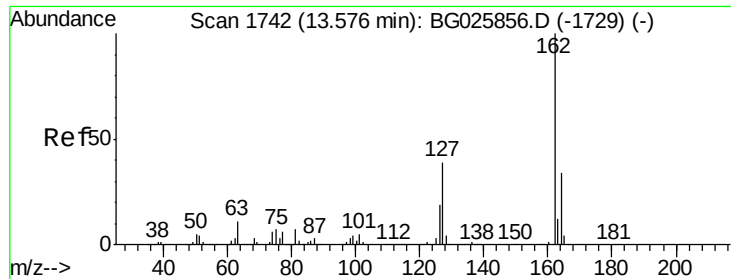
mohammad
2/20/2017 12:58:27 PM



#45
1,1'-Biphenyl
Concen: 2.71 ng
RT: 13.53 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	23.0	63.0
76	15.4	0.0	33.5





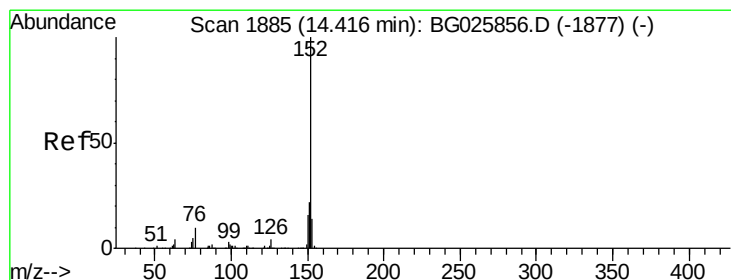
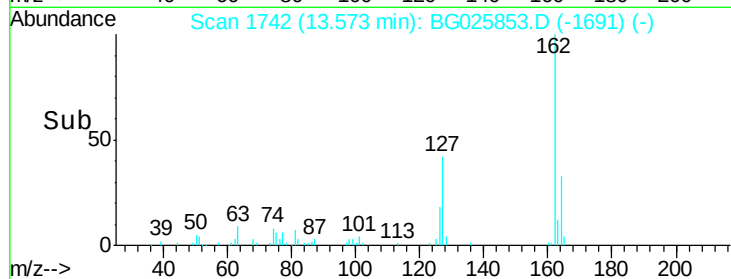
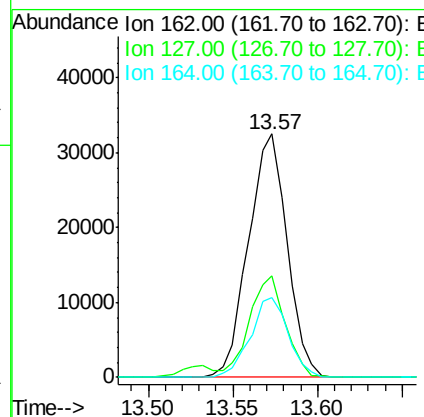
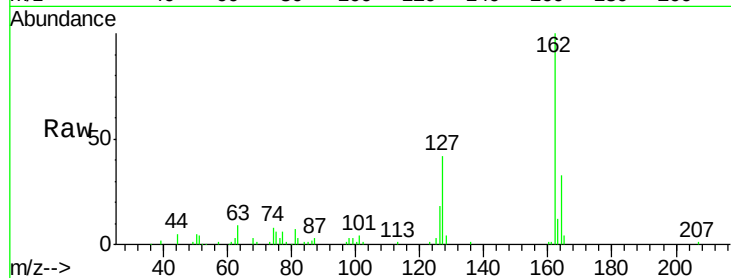
#46
2-Chloronaphthalene
Concen: 2.48 ng
RT: 13.57 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.2	48.4
164	32.5	27.3	40.9

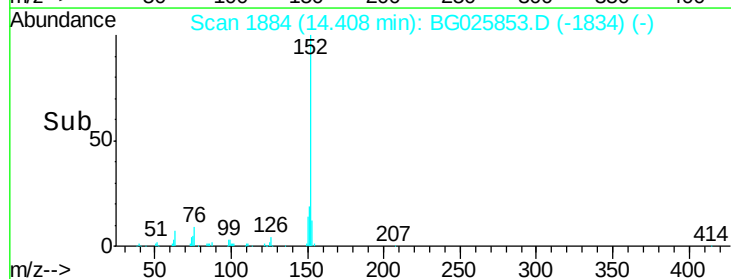
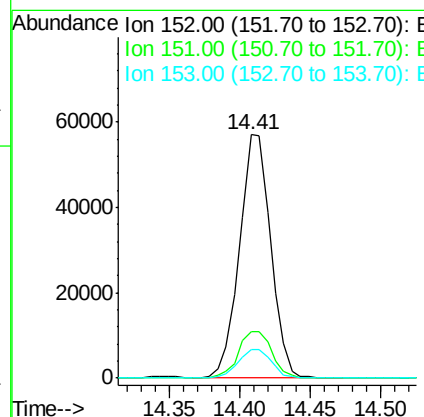
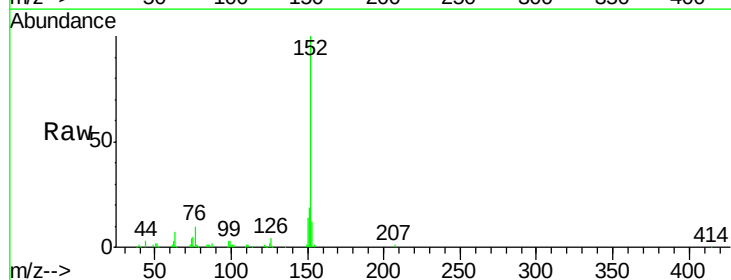
Manual Integrations
APPROVED

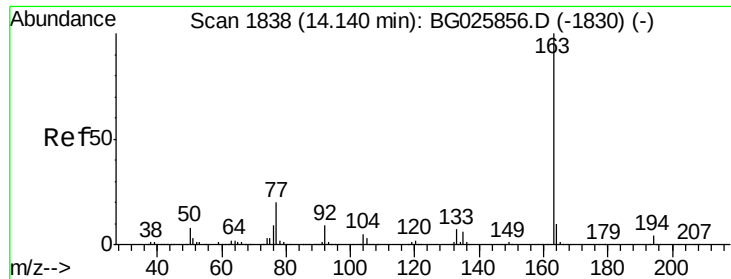
mohammad
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#48
Acenaphthylene
Concen: 2.55 ng
RT: 14.41 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	18.2	27.2
153	11.9	11.3	16.9





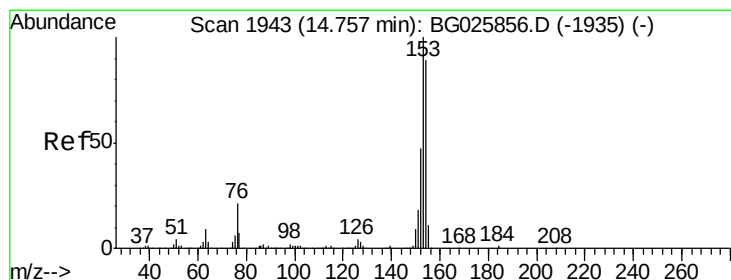
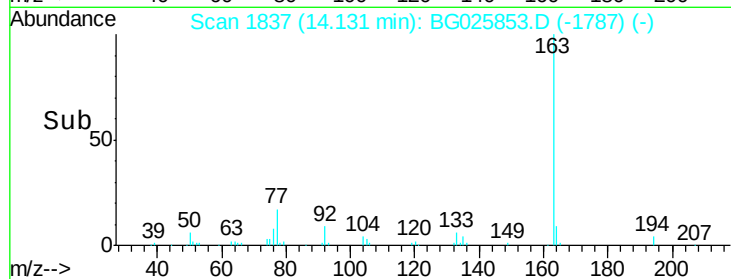
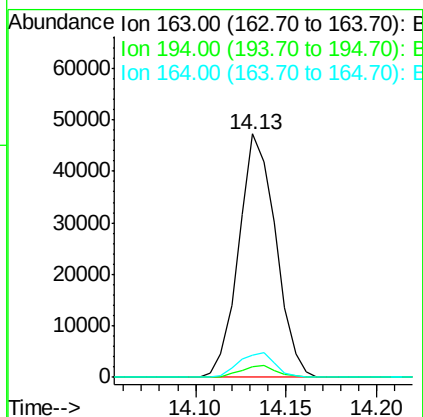
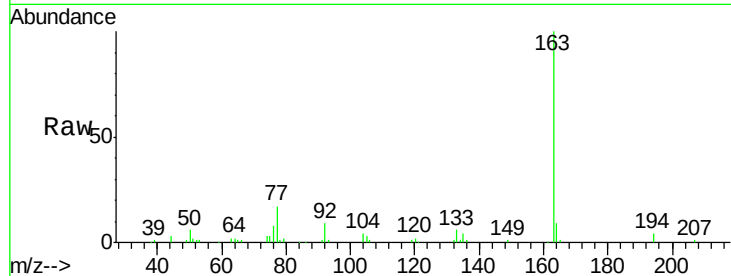
#49
Dimethylphthalate
Concen: 2.32 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.6
164	9.1	9.3	13.9#

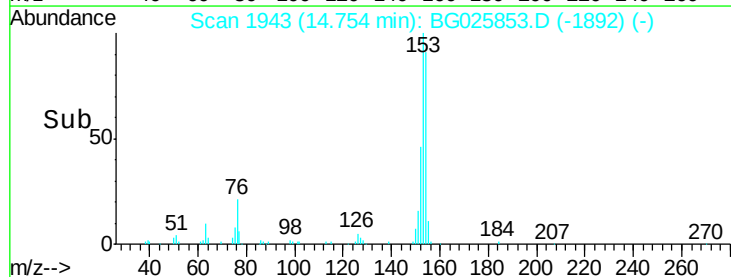
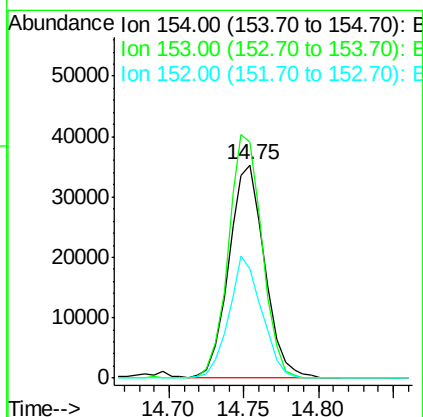
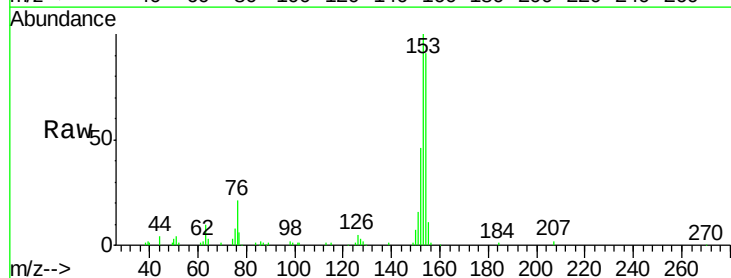
Manual Integrations
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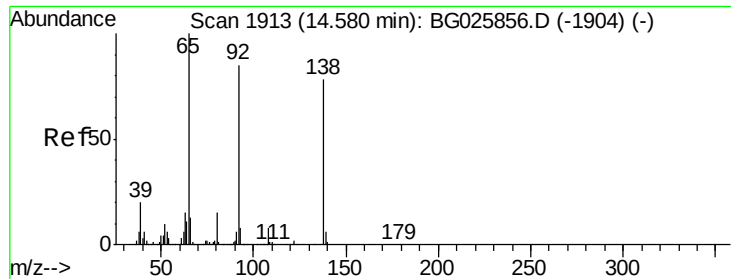
mohammad
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#51
Acenaphthene
Concen: 2.76 ng
RT: 14.75 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.5	87.8	131.6
152	51.3	42.2	63.4





#52

3-Nitroaniline

Concen: 2.18 ng

RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

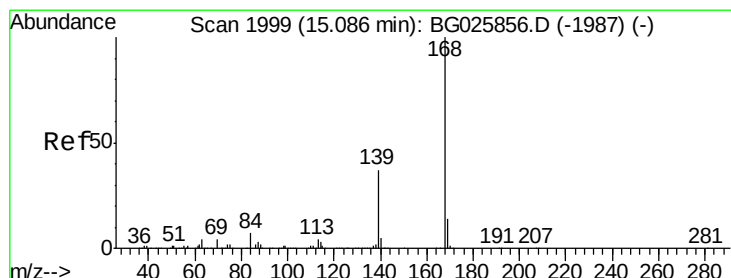
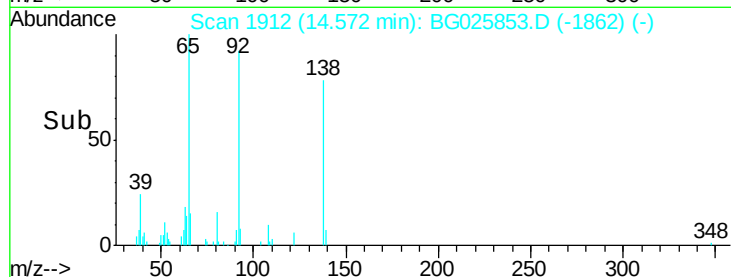
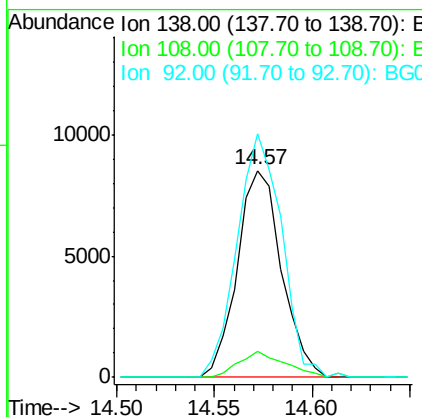
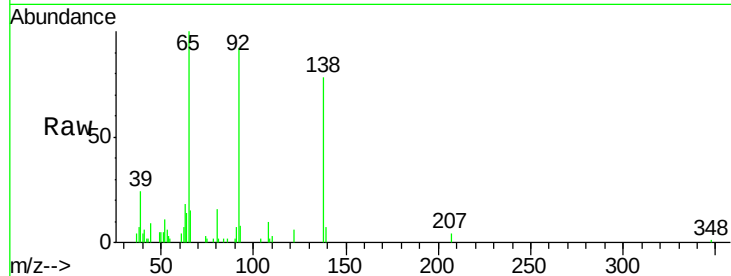
ClientSampleId :

SSTDICC2.5

Tgt Ion:	138	Resp:	13392
Ion Ratio	Lower	Upper	
138	100		
108	12.5	10.9	16.3
92	117.8	115.3	172.9

Manual Integrations
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#54

Dibenzofuran

Concen: 2.59 ng

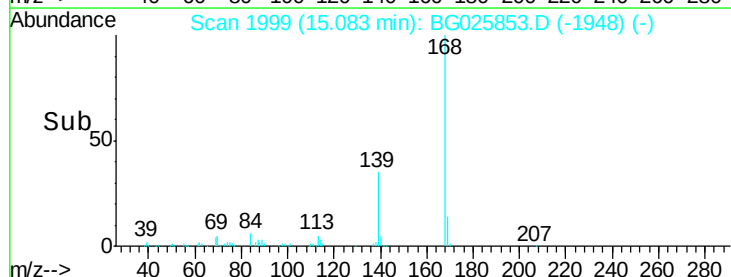
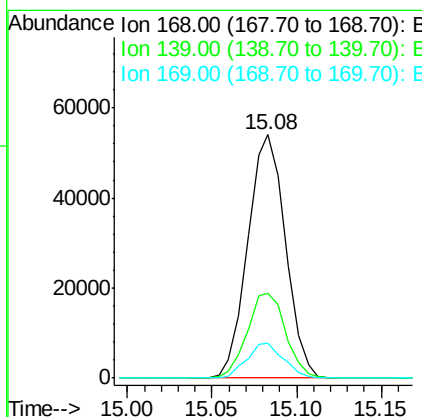
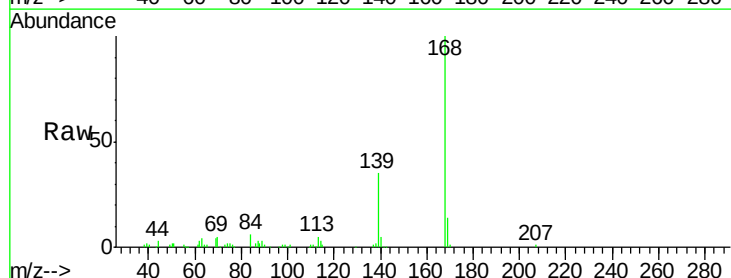
RT: 15.08 min Scan# 1999

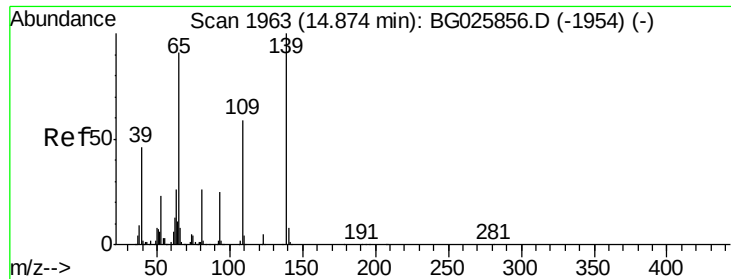
Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Tgt Ion:	168	Resp:	83737
Ion Ratio	Lower	Upper	
168	100		
139	35.0	35.3	52.9#
169	14.2	11.5	17.3





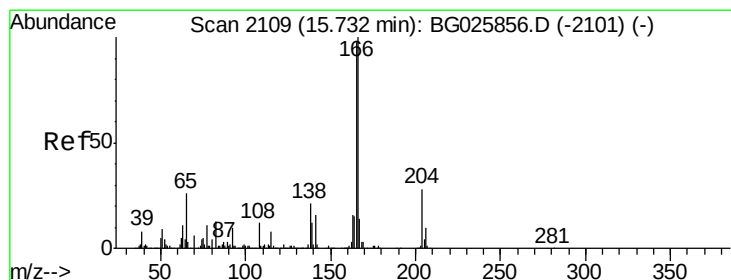
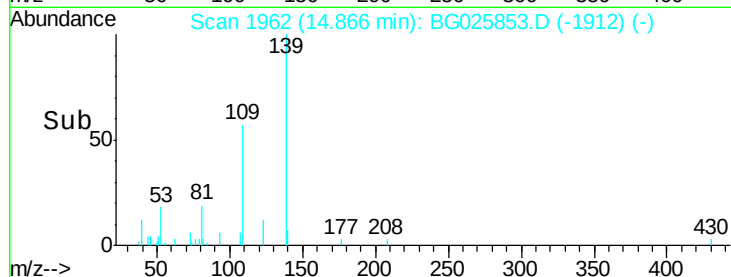
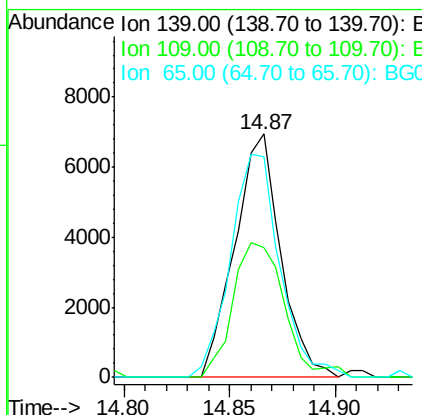
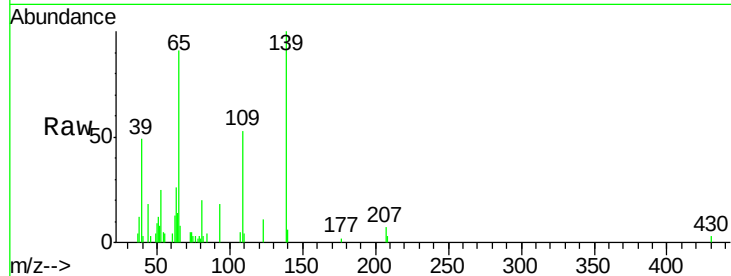
#55
4-Nitrophenol
Concen: 2.55 ng
RT: 14.87 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
139	100		
109	53.4	101.2	141.2#
65	90.6	135.3	175.3#

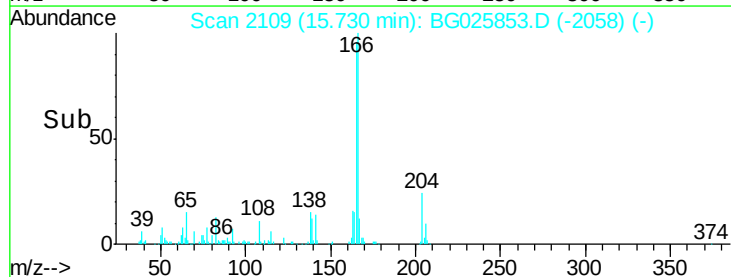
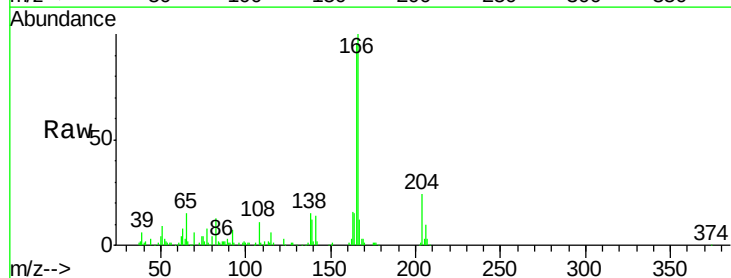
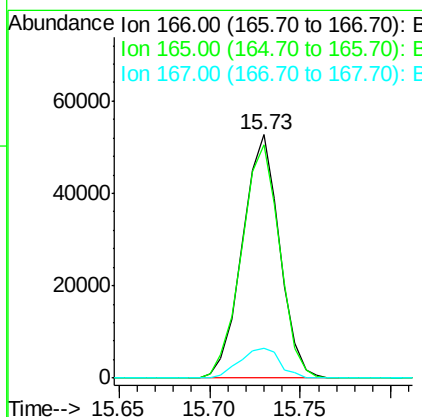
Manual Integrations
APPROVED

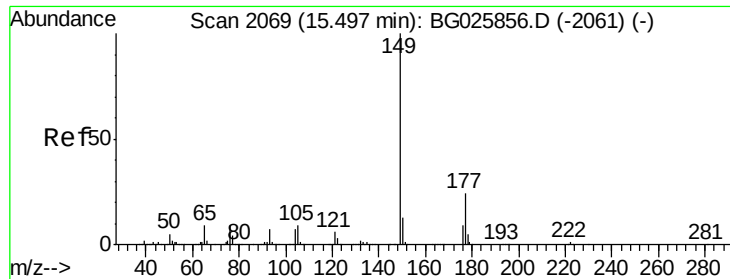
mohammad
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#57
Fluorene
Concen: 2.62 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.6	117.8
167	12.2	11.6	17.4





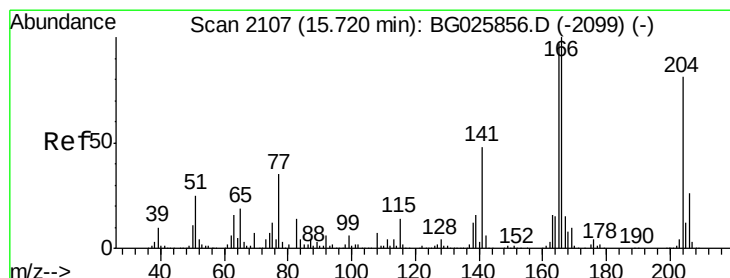
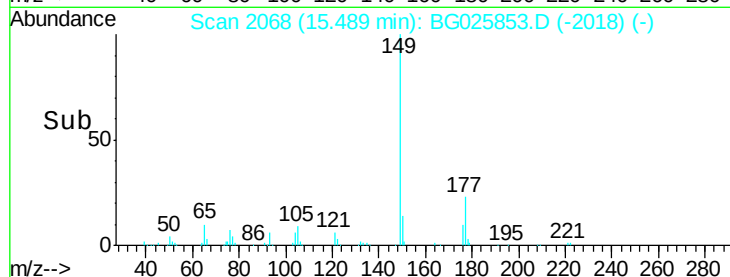
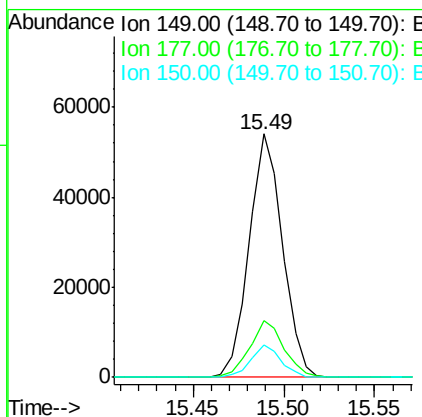
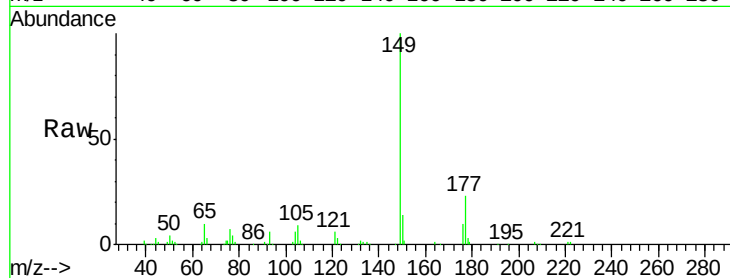
#59
Diethylphthalate
Concen: 2.27 ng
RT: 15.49 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	20.1	30.1
150	13.5	10.2	15.2

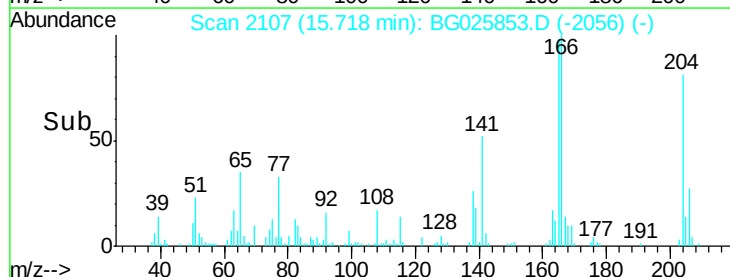
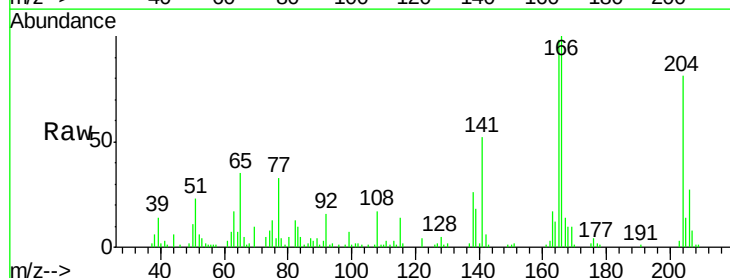
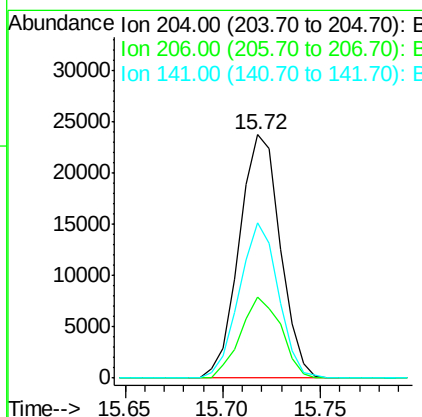
Manual Integrations
APPROVED

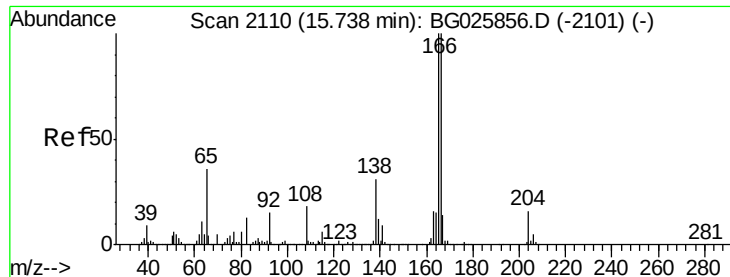
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 2.21 ng
RT: 15.72 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	30.1	45.1
141	63.8	50.6	76.0





#61

4-Nitroaniline

Concen: 2.41 ng

RT: 15.72 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

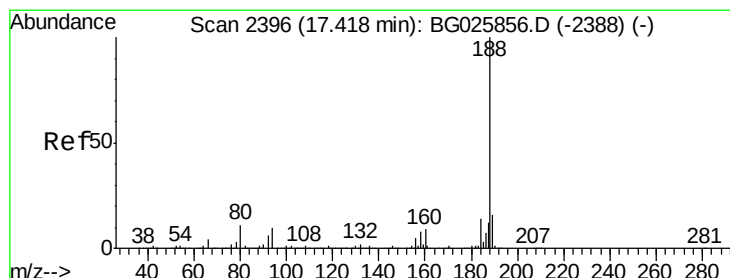
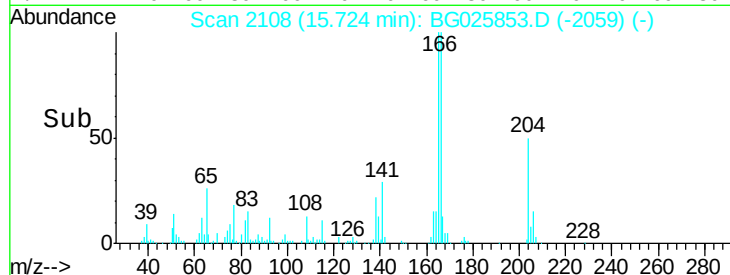
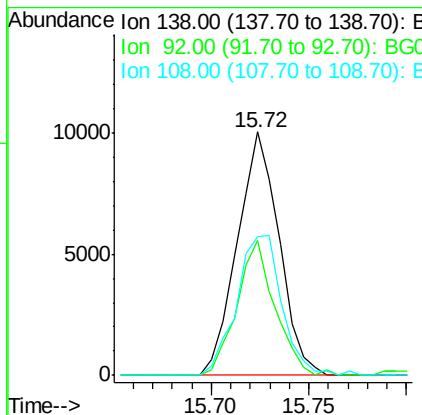
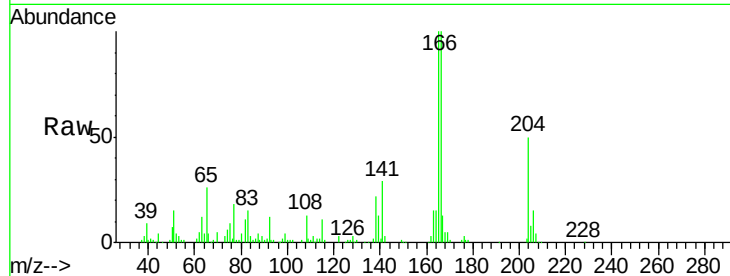
ClientSampleId :

SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	14830		
92	55.5	44.2	84.2	
108	56.9	104.8	144.8#	

Manual Integrations
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2/20/2017 12:58:27 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

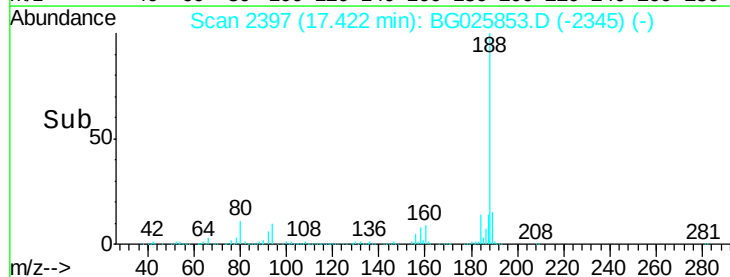
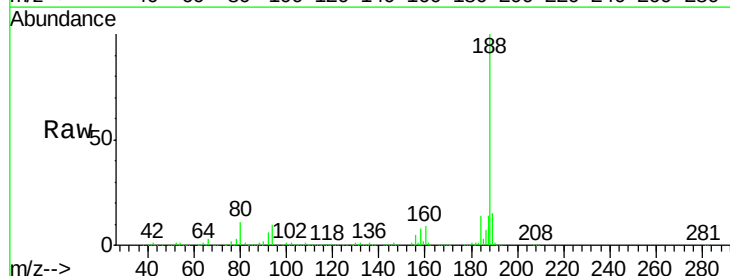
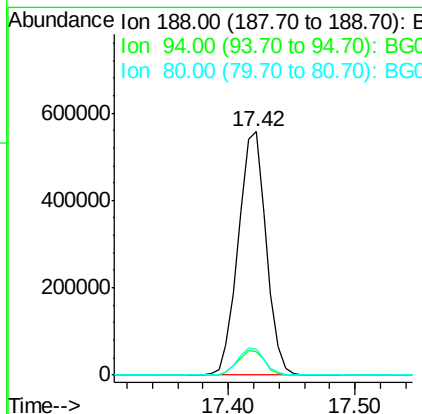
RT: 17.42 min Scan# 2397

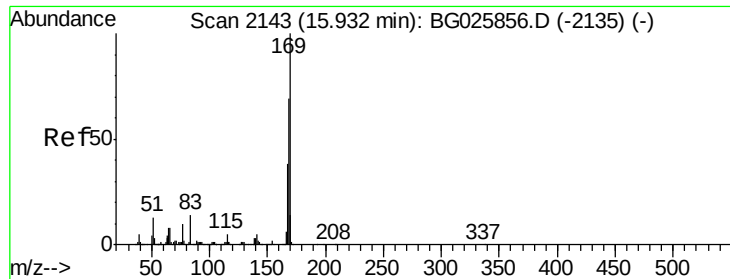
Delta R.T. 0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	843076		
94	9.5	5.8	8.8#	
80	10.8	7.5	11.3	





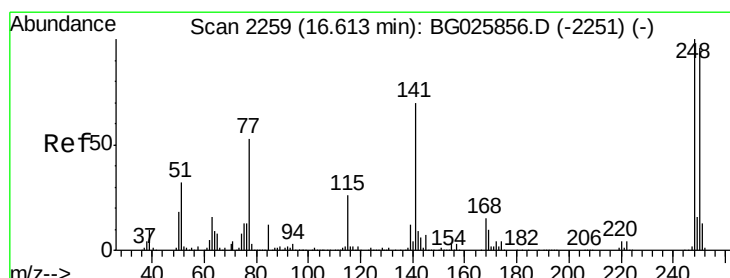
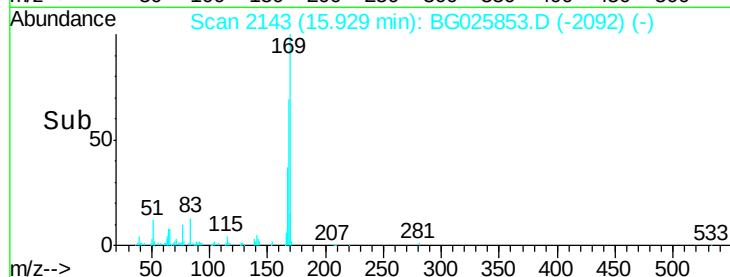
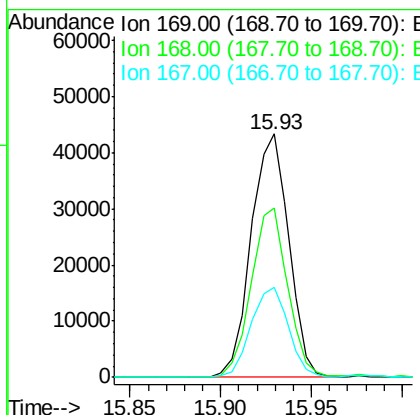
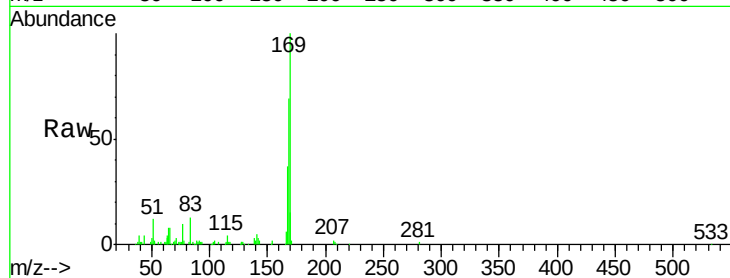
#65
n-Nitrosodiphenylamine
Concen: 2.58 ng
RT: 15.93 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.7	83.5
167	37.1	29.8	44.6

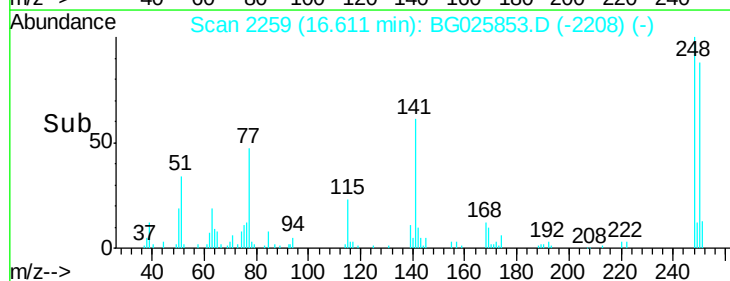
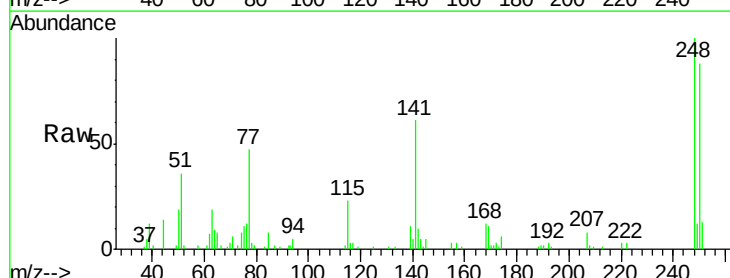
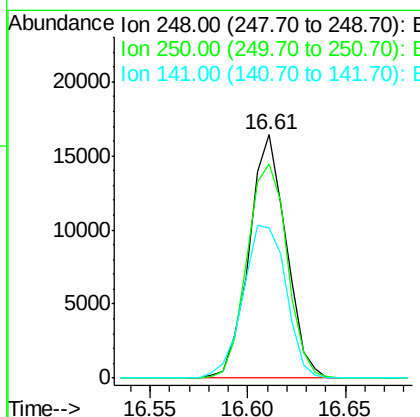
Manual Integrations
APPROVED

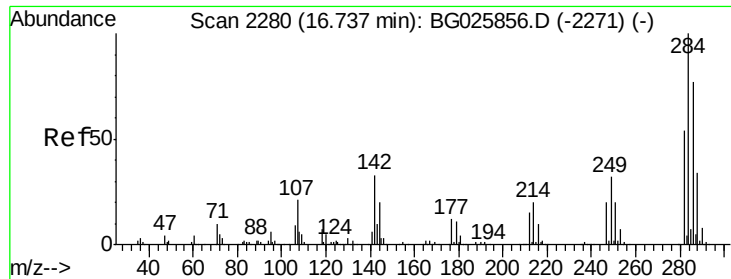
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 2.11 ng
RT: 16.61 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	88.1	75.0	112.6
141	61.5	55.2	82.8





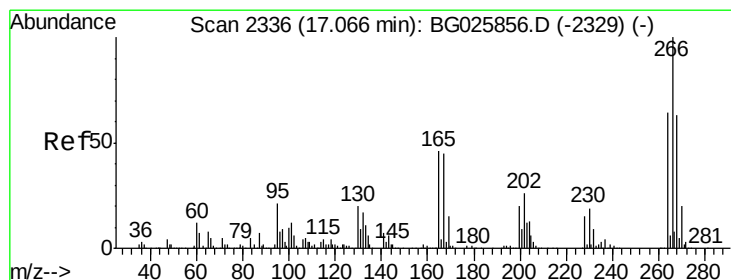
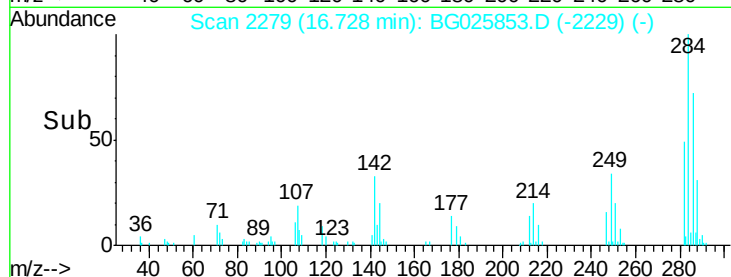
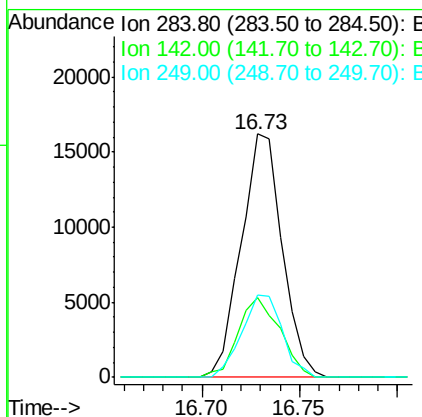
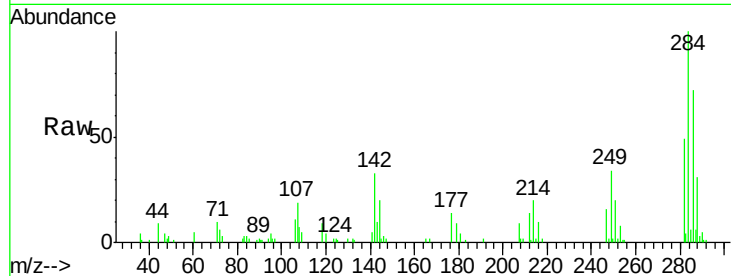
#67
Hexachlorobenzene
Concen: 2.05 ng
RT: 16.73 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	23589		
142	32.7	29.9	44.9	
249	33.9	29.2	43.8	

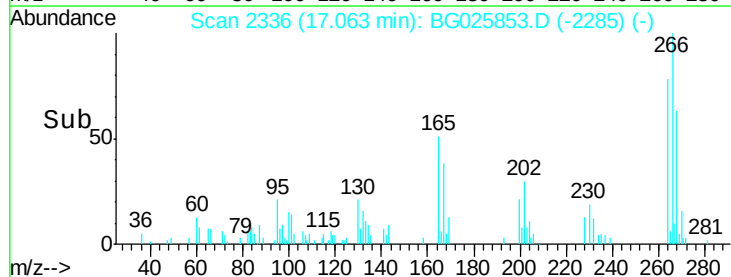
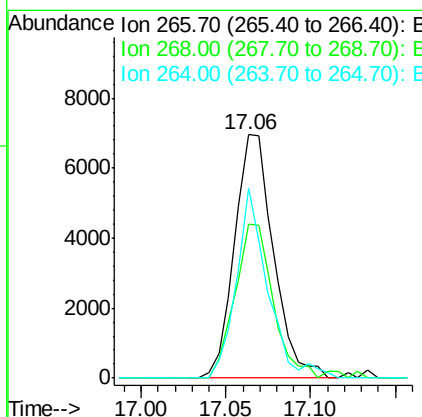
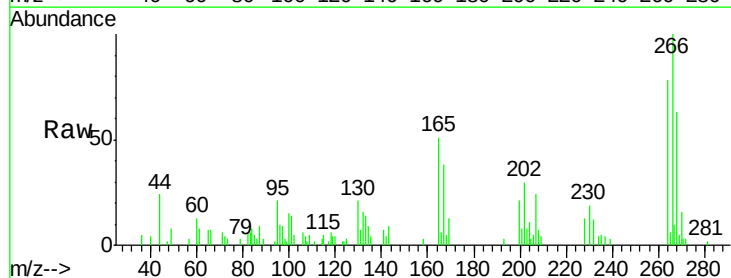
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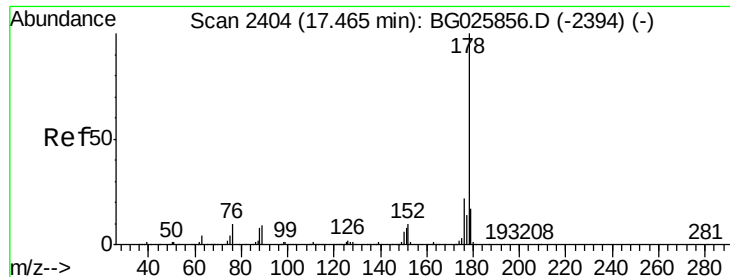
mohammad
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#69
Pentachlorophenol
Concen: 2.21 ng
RT: 17.06 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	11175		
268	63.3	48.6	72.8	
264	77.9	50.1	75.1	





#70

Phenanthrene

Concen: 2.68 ng

RT: 17.46 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

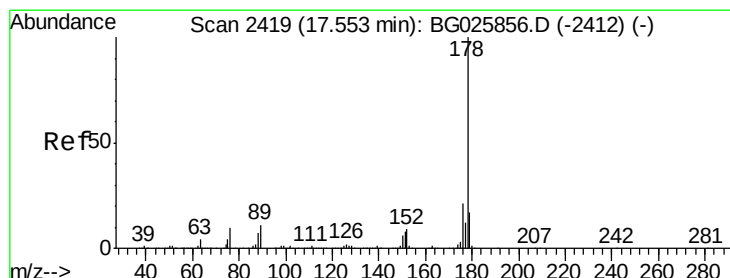
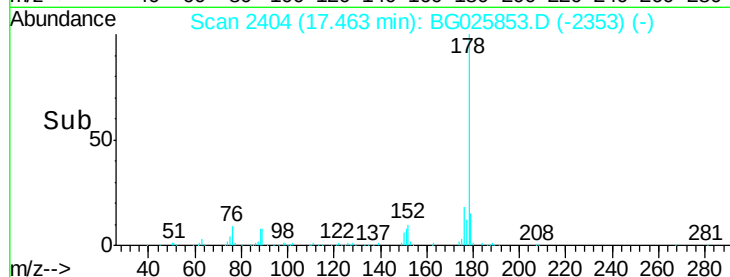
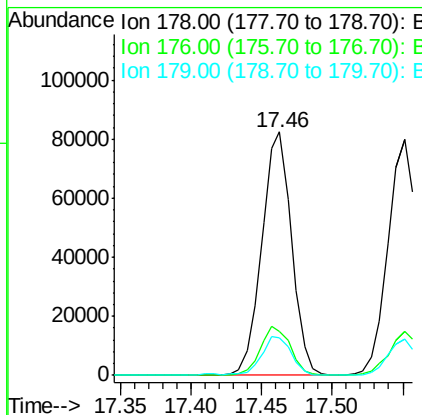
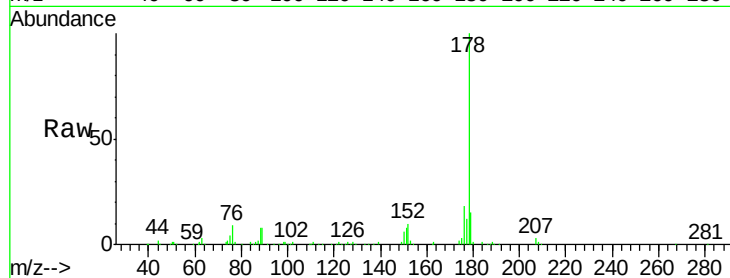
ClientSampleId :

SSTDICC2.5

Tgt Ion:	178	Resp:	122596
Ion Ratio	Lower	Upper	
178	100		
176	18.1	17.7	26.5
179	15.3	15.0	22.6

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#71

Anthracene

Concen: 2.55 ng

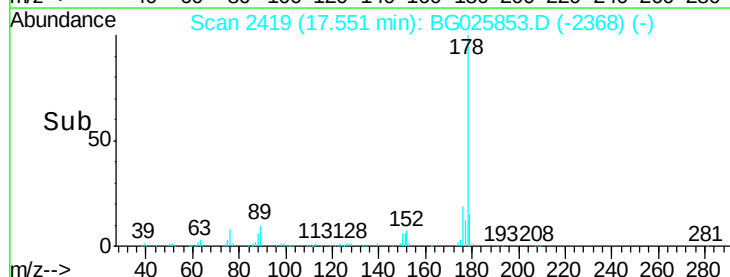
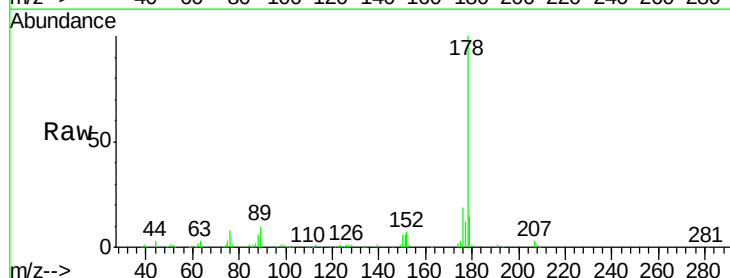
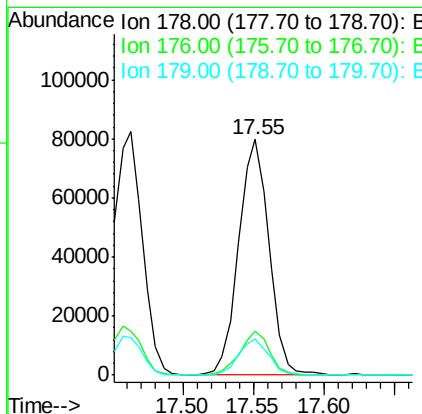
RT: 17.55 min Scan# 2419

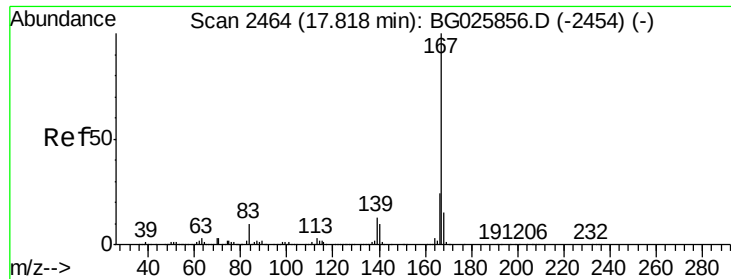
Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Tgt Ion:	178	Resp:	120310
Ion Ratio	Lower	Upper	
178	100		
176	18.6	16.4	24.6
179	15.1	13.8	20.8





#72

Carbazole

Concen: 2.71 ng

RT: 17.81 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

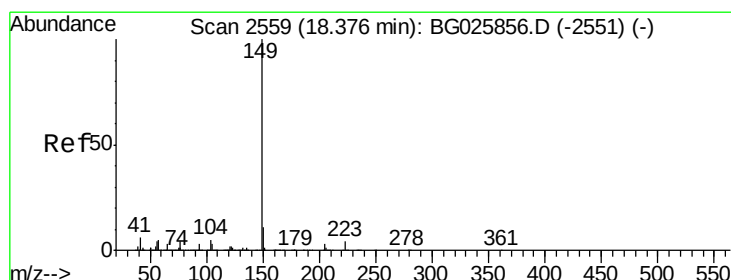
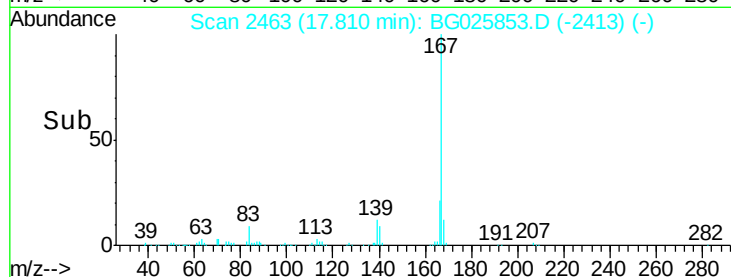
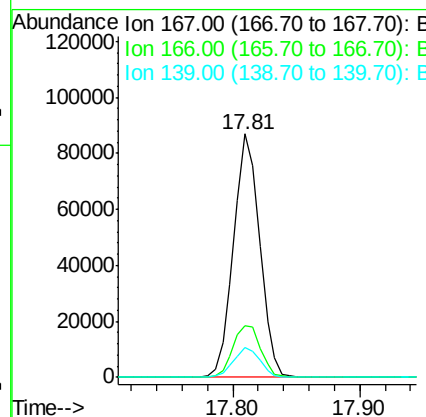
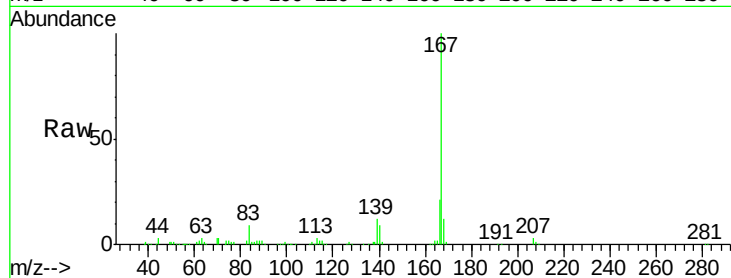
ClientSampleId :

SSTDICC2.5

Tgt Ion:	167	Resp:	123951
Ion Ratio		Lower	Upper
167	100		
166	21.2	20.2	30.2
139	12.2	12.8	19.2#

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 2.02 ng

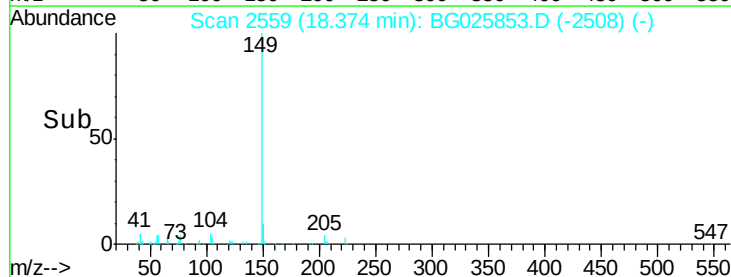
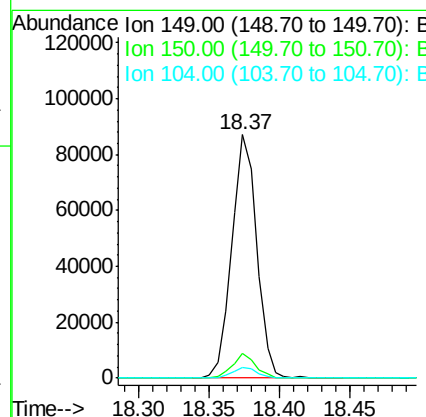
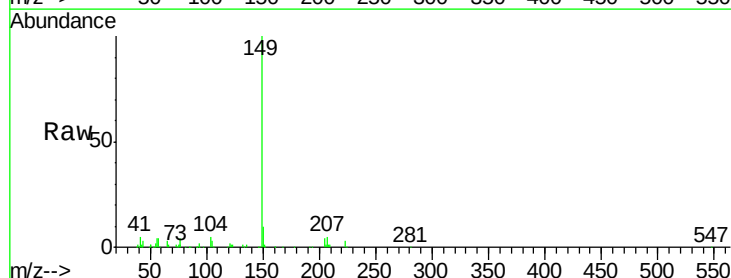
RT: 18.37 min Scan# 2559

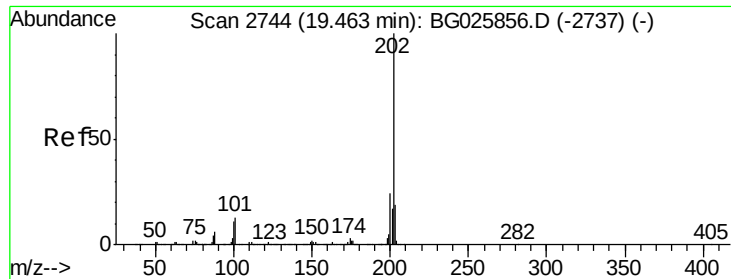
Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Tgt Ion:	149	Resp:	106839
Ion Ratio		Lower	Upper
149	100		
150	10.2	9.1	13.7
104	4.5	6.7	10.1#





#74

Fluoranthene

Concen: 2.18 ng

RT: 19.46 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

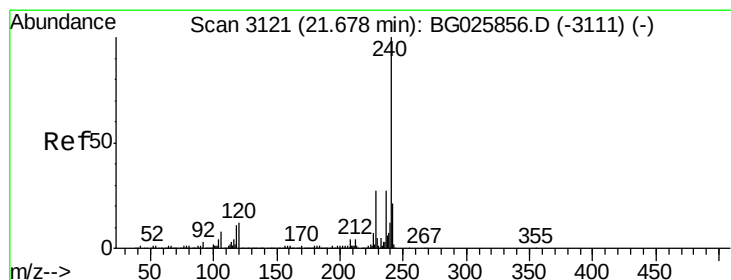
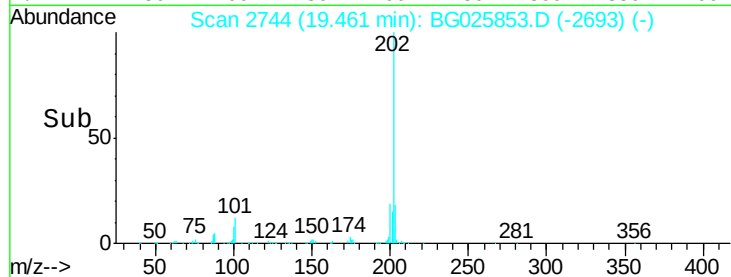
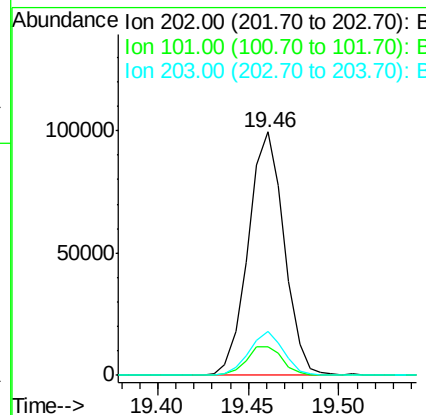
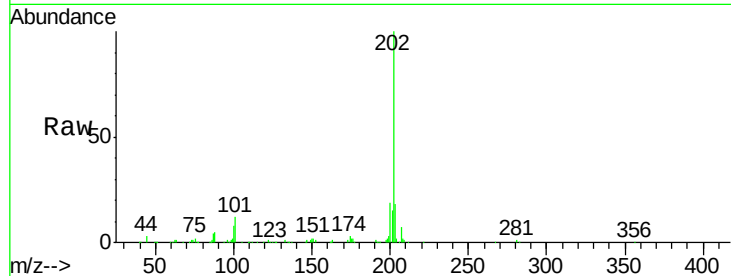
ClientSampleId :

SSTDICC2.5

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.7	0.0	30.1		
203	18.2	1.3	41.3		

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#75

Chrysene-d12

Concen: 20.00 ng

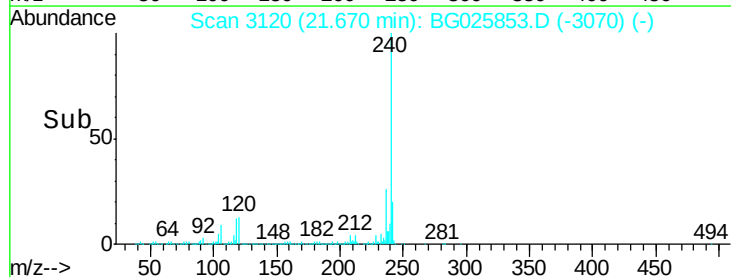
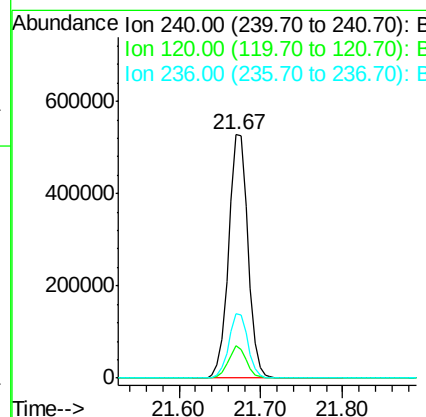
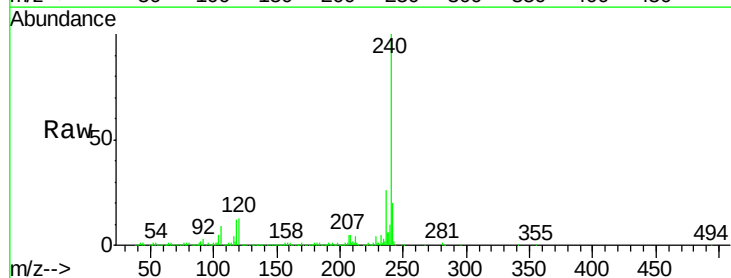
RT: 21.67 min Scan# 3120

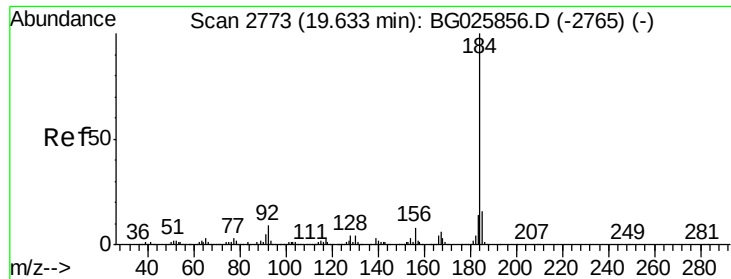
Delta R.T. -0.01 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100				
120	13.1	5.7	8.5#		
236	26.3	22.2	33.4		





#76

Benzidine

Concen: 2.05 ng

RT: 19.63 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

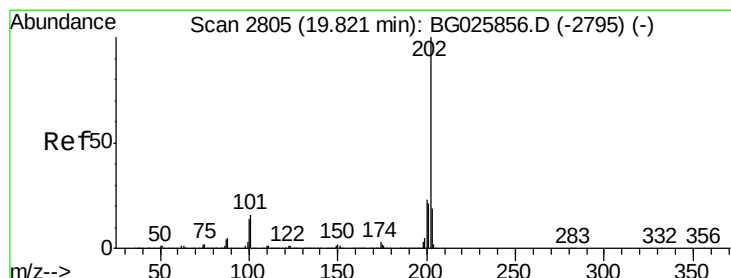
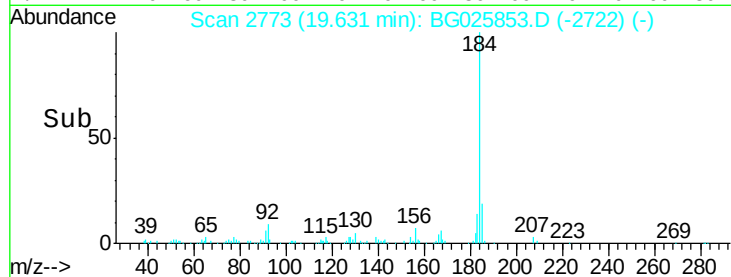
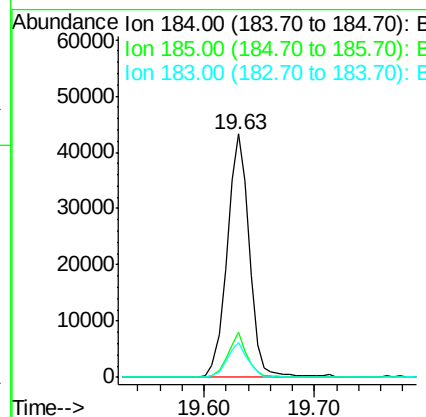
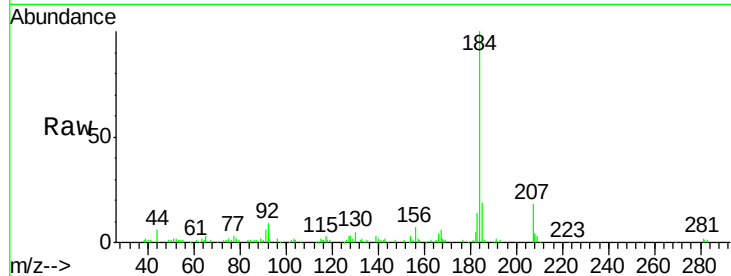
ClientSampleId :

SSTDICC2.5

Tgt Ion:	184	Resp:	60817
Ion Ratio	Lower	Upper	
184	100		
185	18.7	13.0	19.6
183	14.1	11.0	16.6

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#77

Pyrene

Concen: 3.04 ng

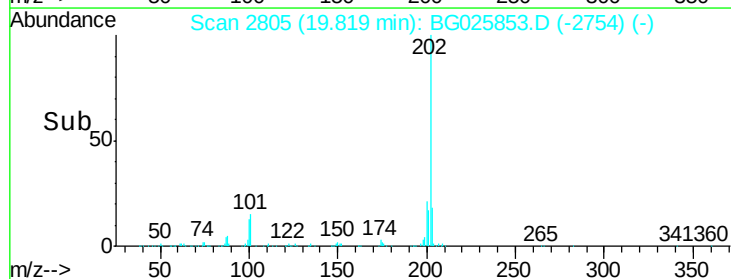
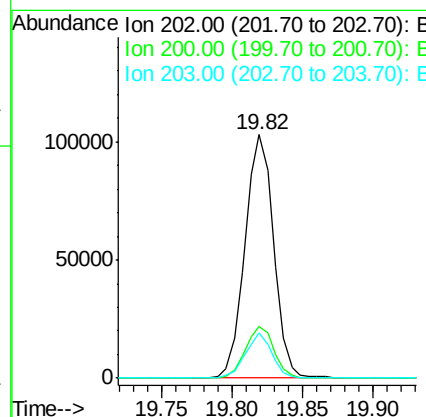
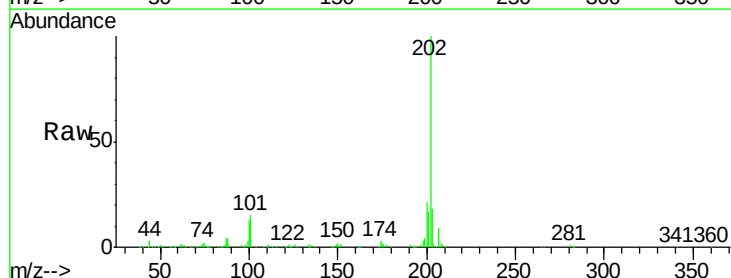
RT: 19.82 min Scan# 2805

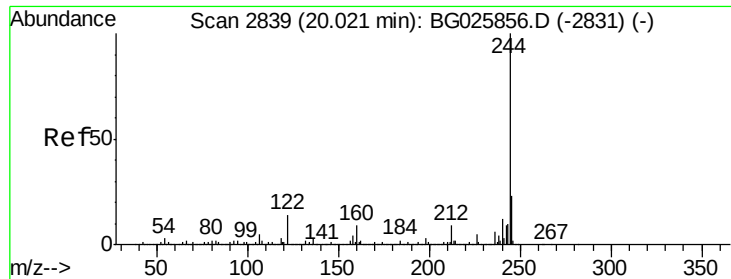
Delta R.T. -0.00 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Tgt Ion:	202	Resp:	146479
Ion Ratio	Lower	Upper	
202	100		
200	21.0	19.6	29.4
203	18.4	15.8	23.8





#78

Terphenyl-d14

Concen: 5.80 ng

RT: 20.01 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

Tgt Ion:244 Resp: 207837
Ion Ratio Lower Upper

244 100

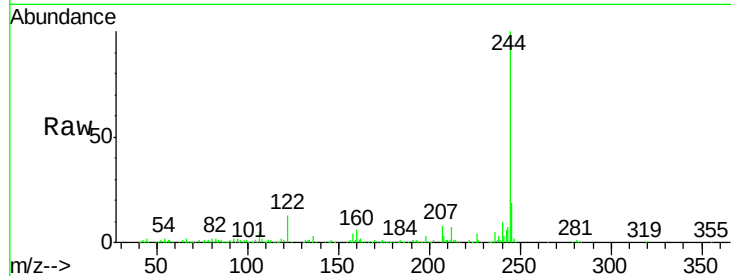
212 7.3 10.0 15.0#

122 12.5 8.6 12.8

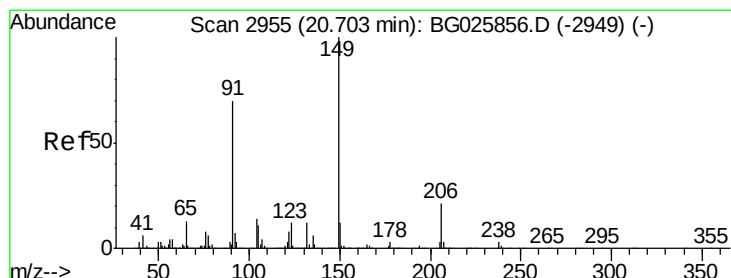
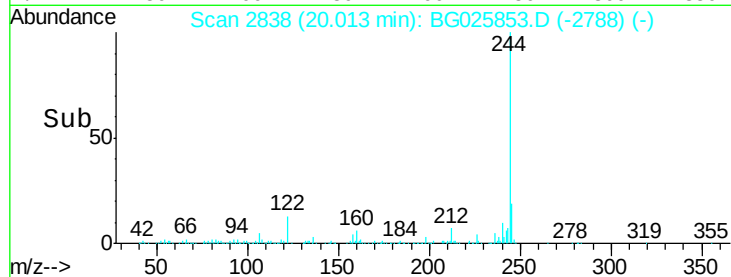
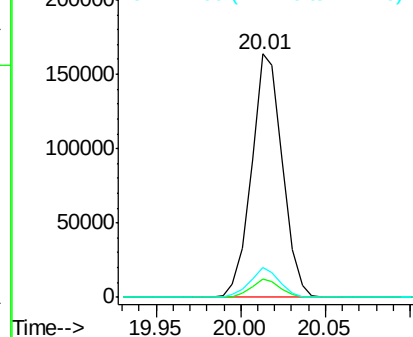
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 2.15 ng

RT: 20.71 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG025853.D

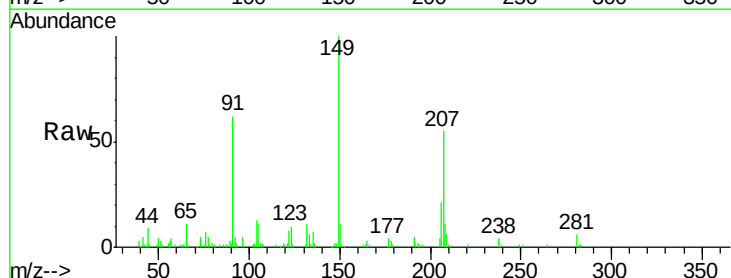
Acq: 17 Feb 2017 11:03

Tgt Ion:149 Resp: 42992
Ion Ratio Lower Upper

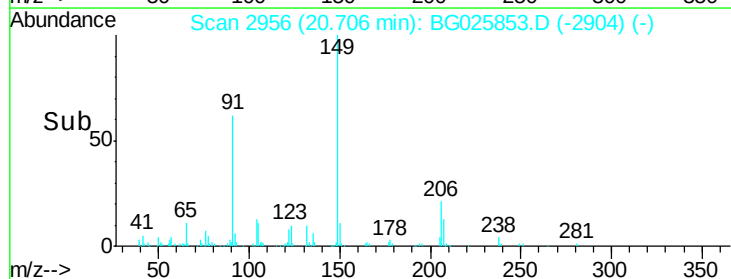
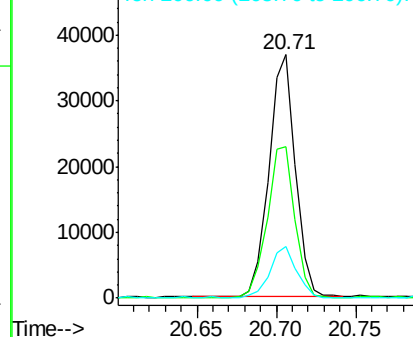
149 100

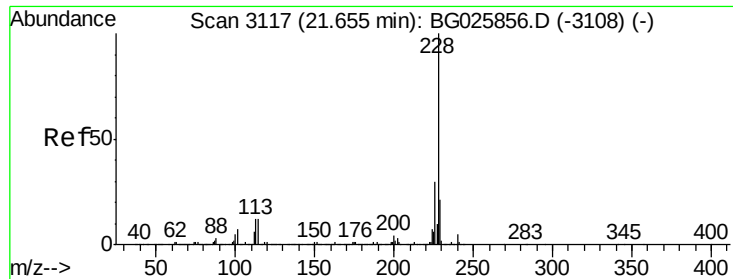
91 62.0 63.5 95.3#

206 21.3 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG0
Ion 206.00 (205.70 to 206.70): E





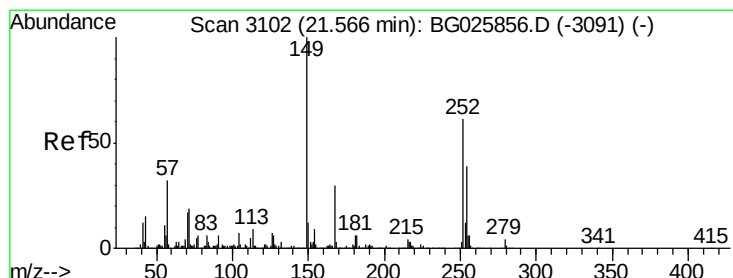
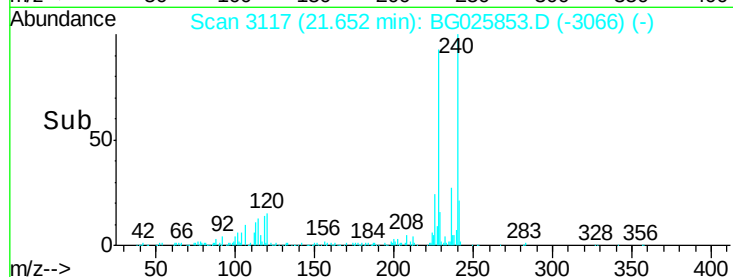
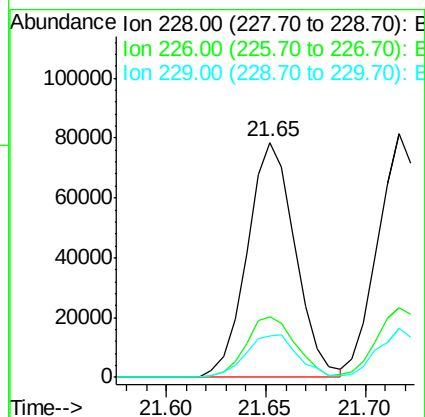
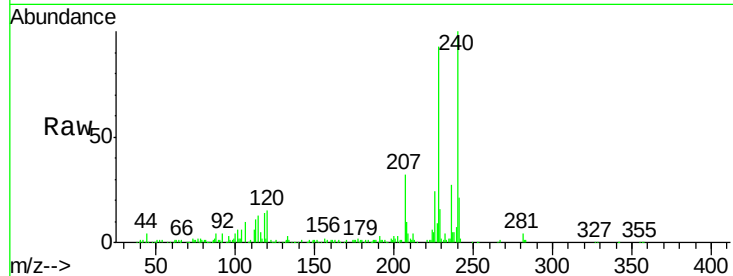
#80
Benzo(a)anthracene
Concen: 2.58 ng m
RT: 21.65 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.8	24.9	37.3
229	17.7	18.2	27.2

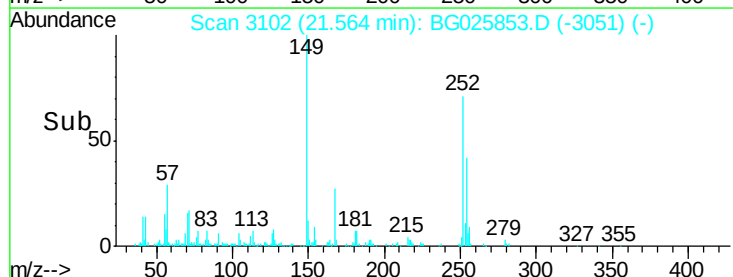
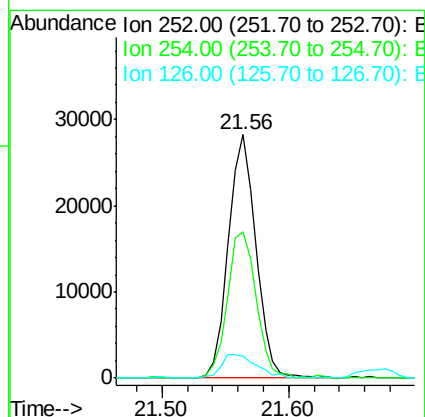
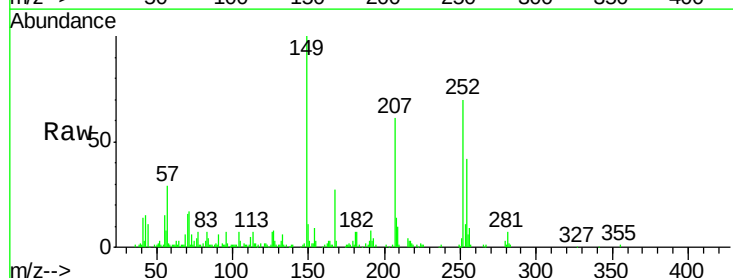
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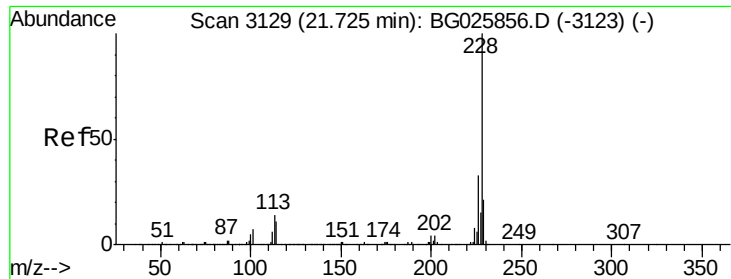
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#81
3,3'-Dichlorobenzidine
Concen: 2.11 ng
RT: 21.56 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.9	53.1	79.7
126	9.3	7.0	10.4





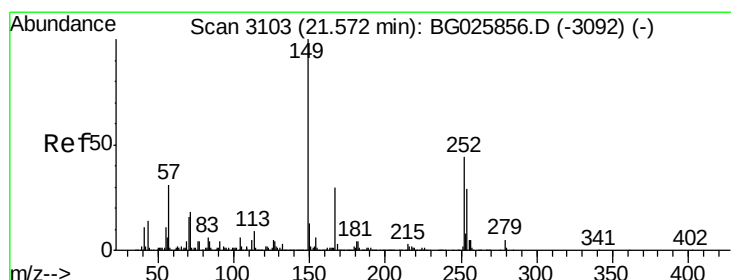
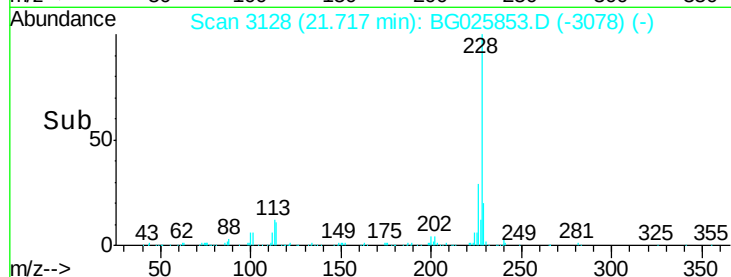
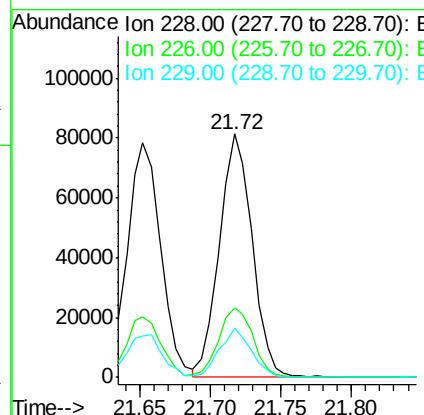
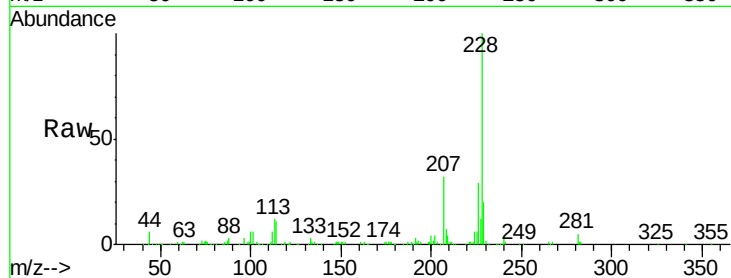
#82
Chrysene
 Concen: 2.70 ng
 RT: 21.72 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG025853.D
 Acq: 17 Feb 2017 11:03

Instrument :
 BNA_G
 ClientSampled :
 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	130887		
226	28.7		27.0	40.4
229	20.2		17.8	26.6

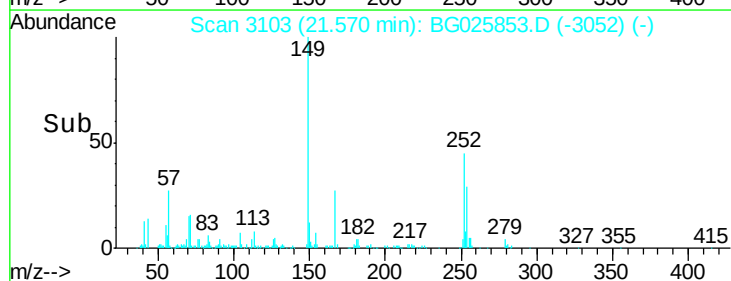
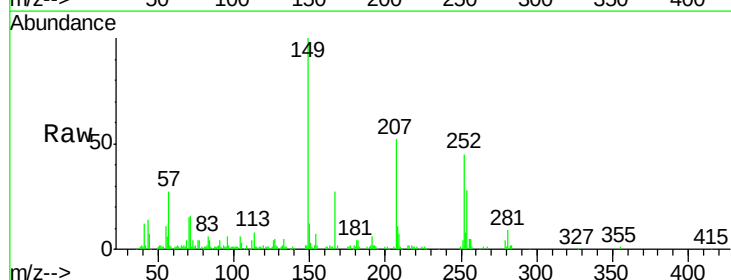
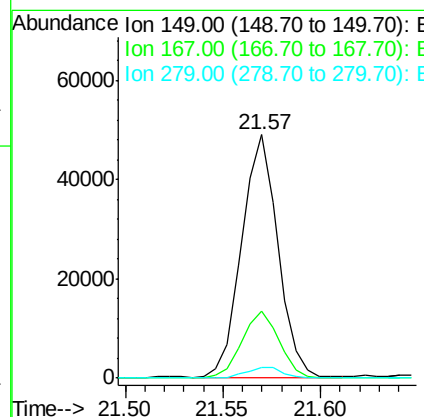
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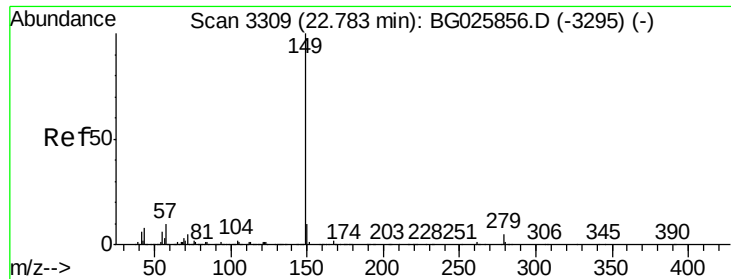
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#83
Bis(2-ethylhexyl)phthalate
 Concen: 2.25 ng
 RT: 21.57 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BG025853.D
 Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	62691		
167	27.3		23.7	35.5
279	4.3		4.6	6.8#





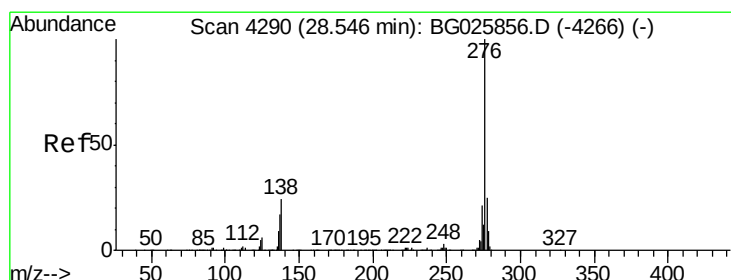
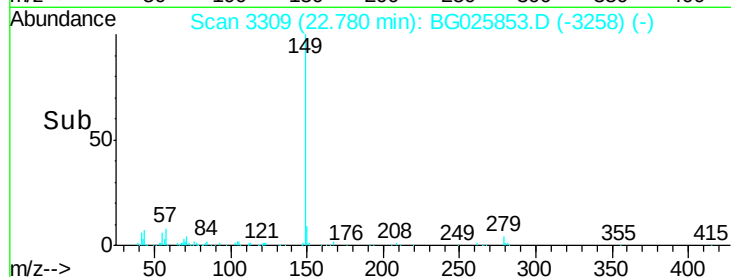
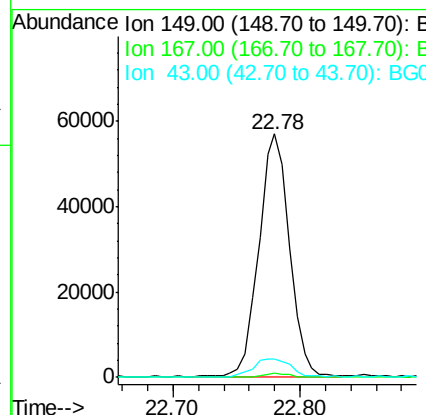
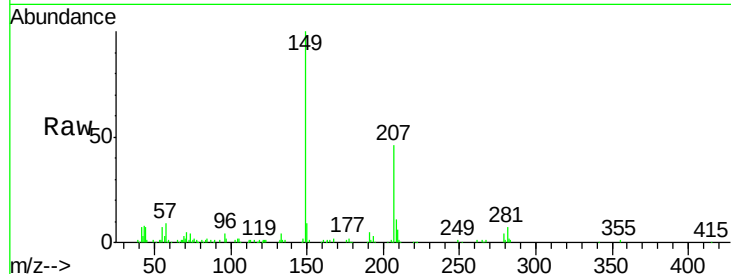
#84
Di-n-octyl phthalate
Concen: 2.11 ng
RT: 22.78 min Scan# 3309
Delta R.T. -0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.4	2.2
43	9.9	11.8	17.6#

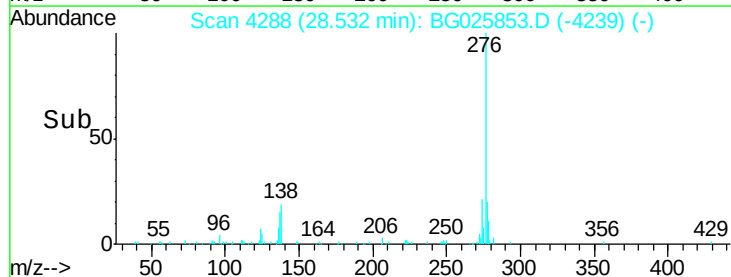
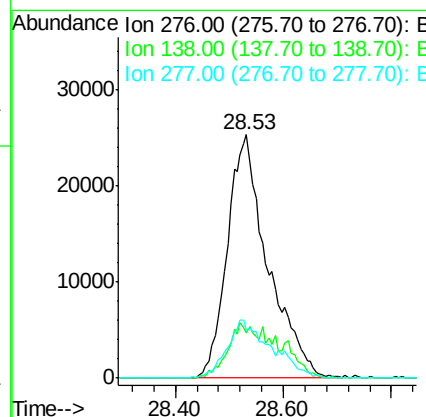
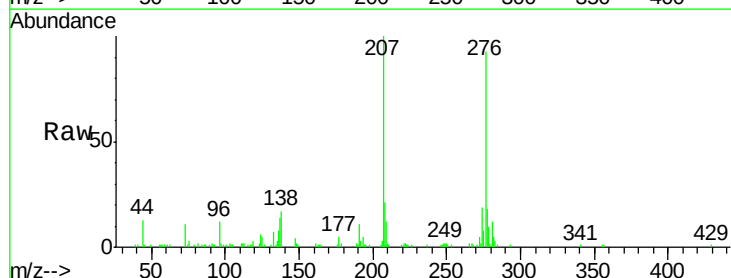
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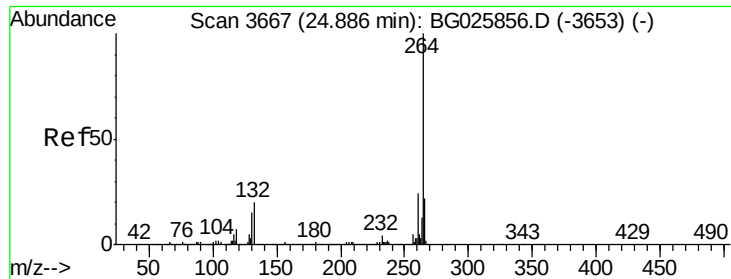
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.23 ng
RT: 28.53 min Scan# 4288
Delta R.T. -0.01 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.8	4.7	7.1#
277	26.1	20.6	31.0





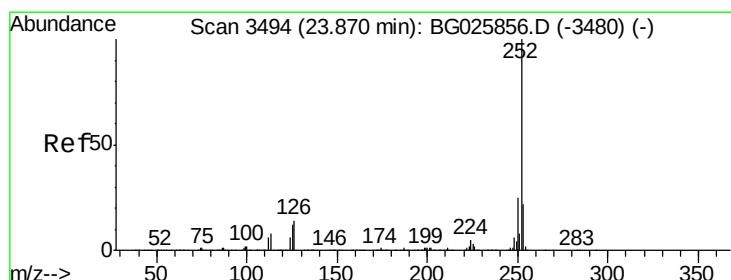
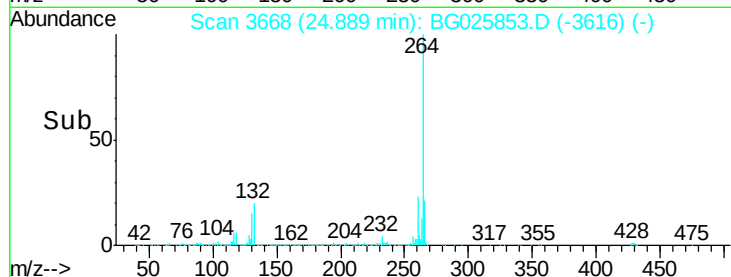
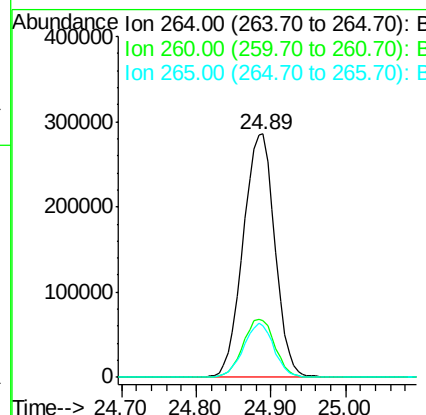
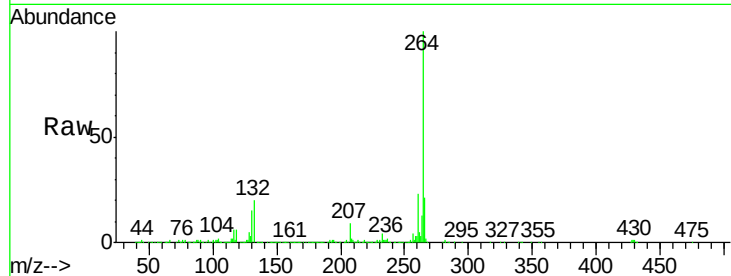
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	21.1	18.2	27.4

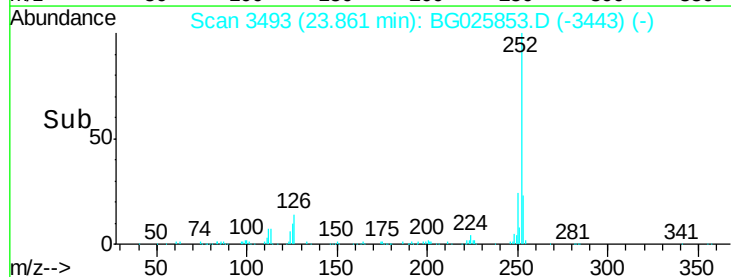
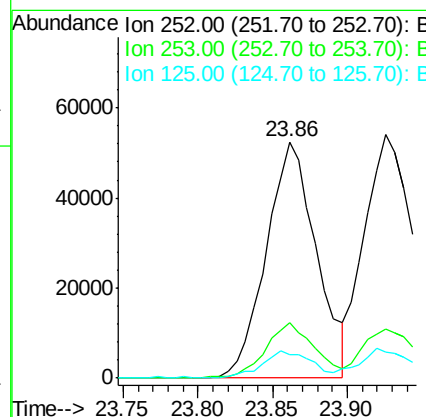
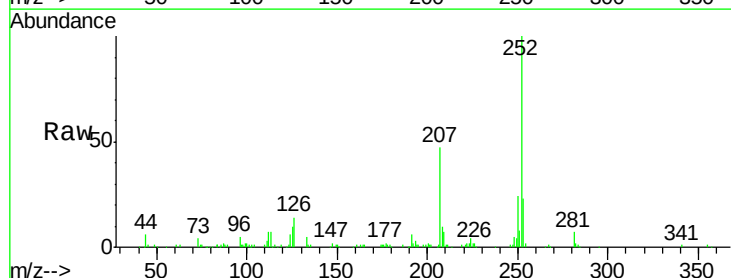
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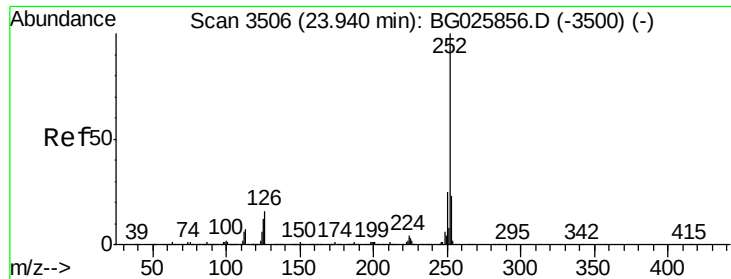
mohammad
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#87
Benzo(b)fluoranthene
Concen: 2.50 ng
RT: 23.86 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	10.2	5.3	7.9#





#88

Benzo(k)fluoranthene

Concen: 2.58 ng

RT: 23.93 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Instrument :

BNA_G

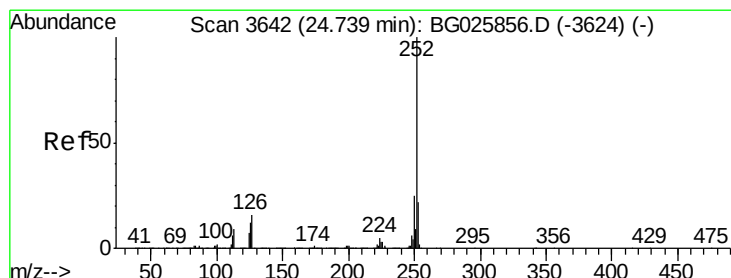
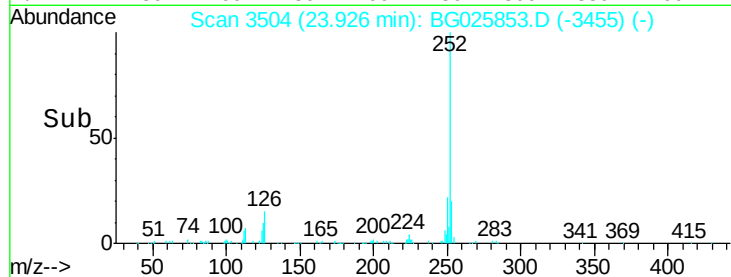
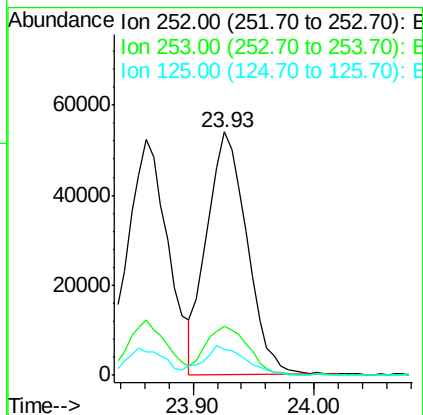
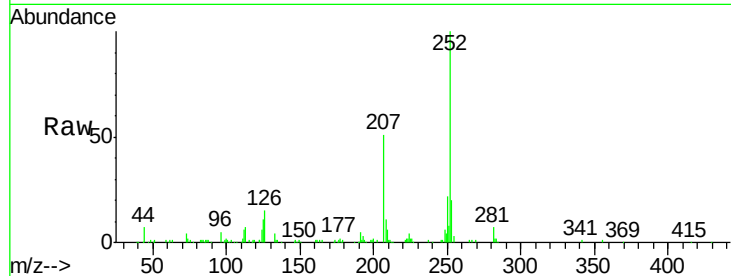
ClientSampleId :

SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	123155		
253	20.4	20.2	30.2	
125	10.6	5.1	7.7#	

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#89

Benzo(a)pyrene

Concen: 2.50 ng

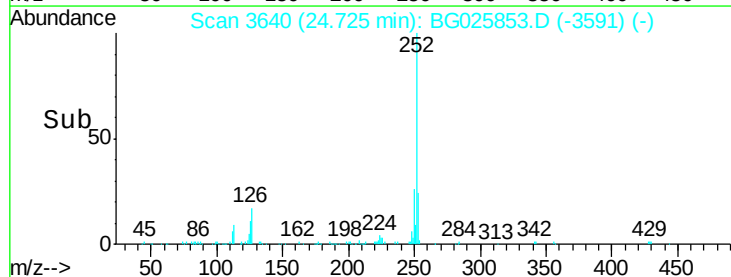
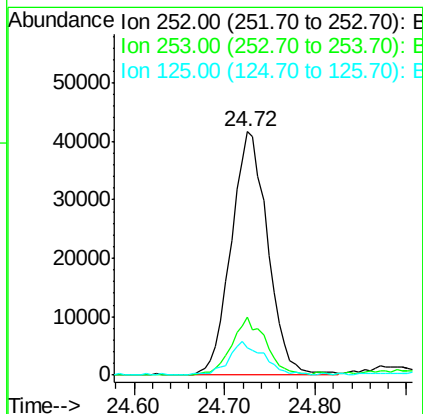
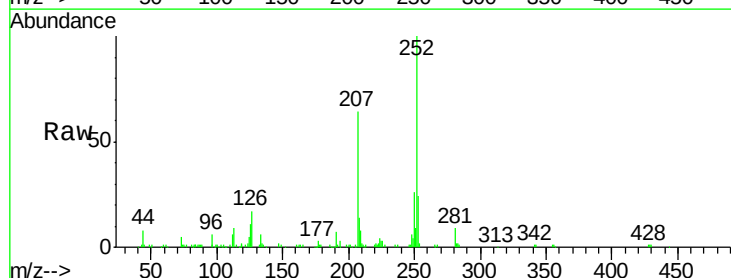
RT: 24.72 min Scan# 3640

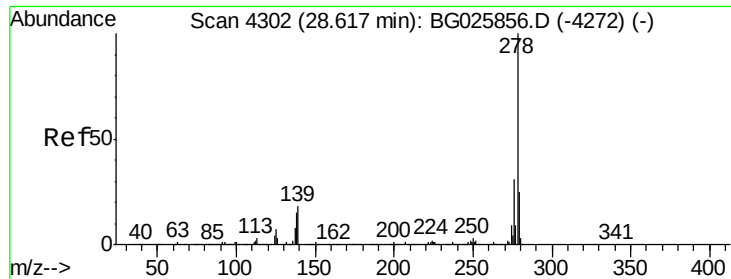
Delta R.T. -0.01 min

Lab File: BG025853.D

Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	116333		
253	23.7	19.2	28.8	
125	11.4	5.4	8.0#	





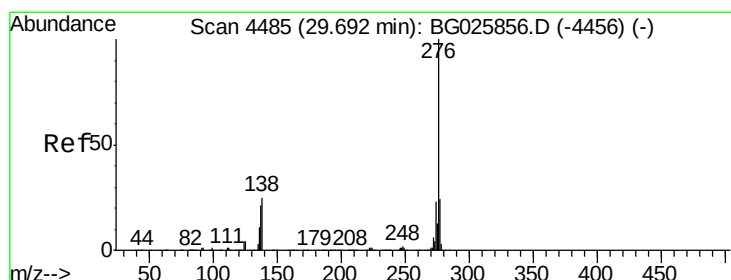
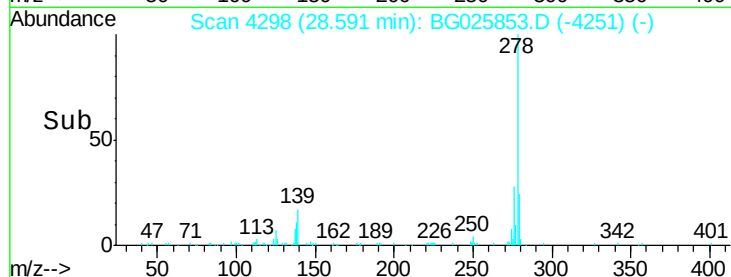
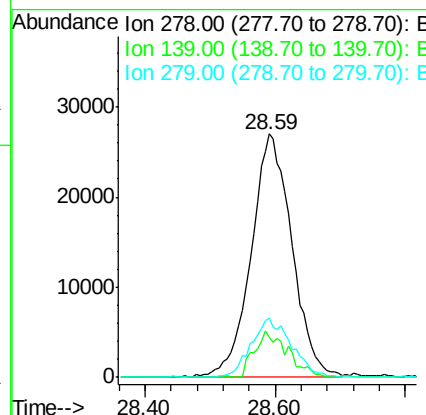
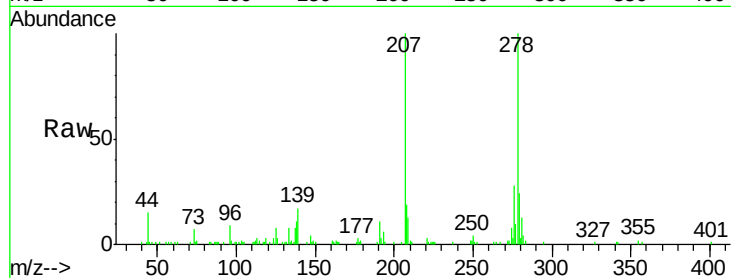
#90
Dibenzo(a,h)anthracene
Concen: 2.43 ng
RT: 28.59 min Scan# 4298
Delta R.T. -0.03 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	7.7	11.5#
279	24.3	19.1	28.7

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2/20/2017 12:58:27 PM



#91
Benzo(g,h,i)perylene
Concen: 2.44 ng
RT: 29.66 min Scan# 4480
Delta R.T. -0.03 min
Lab File: BG025853.D
Acq: 17 Feb 2017 11:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	27.8
138	23.8	8.1	12.1#

