

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062817\
 Data File : BG027705.D
 Acq On : 28 Jun 2017 12:16
 Operator : SJ/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
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Quant Time: Jun 28 16:07:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:38:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	36124	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	171470	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	110108	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	295842	20.00	ng	0.00
75) Chrysene-d12	22.17	240	307972	20.00	ng	0.00
86) Perylene-d12	25.79	264	288150	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.06	112	10688	4.21	ng	0.00
7) Phenol-d6	7.61	99	15213	4.05	ng	0.00
23) Nitrobenzene-d5	9.64	82	14411	3.98	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	5899	3.59	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	36859	4.57	ng	0.00
78) Terphenyl-d14	20.39	244	59353	4.54	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	4.35	42	3746	2.573	ng	# 95
8) 2-Chlorophenol	8.04	128	5921	2.205	ng	79
9) Benzaldehyde	7.62	77	5773	2.261	ng	# 77
10) Phenol	7.64	94	7875	2.057	ng	# 77
11) bis(2-Chloroethyl)ether	7.89	93	6010	2.006	ng	83
12) 1,3-Dichlorobenzene	8.37	146	6689m	2.359	ng	
13) 1,4-Dichlorobenzene	8.51	146	7026	2.455	ng	96
14) 1,2-Dichlorobenzene	8.83	146	6564	2.334	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	14449	2.907	ng	96
18) Hexachloroethane	9.57	117	2347	2.091	ng	# 84
20) 3+4-Methylphenols	9.22	107	7465	2.024	ng	86
22) Acetophenone	9.30	105	9984	2.123	ng	# 98
25) Isophorone	10.20	82	15158	2.036	ng	96
27) 2,4-Dimethylphenol	10.44	122	5917	2.133	ng	88
28) bis(2-Chloroethoxy)methane	10.67	93	8878	2.116	ng	# 97
29) 2,4-Dichlorophenol	10.93	162	4997	2.085	ng	87
30) 1,2,4-Trichlorobenzene	11.15	180	5883	2.147	ng	# 89
31) Naphthalene	11.35	128	21929	2.366	ng	98
33) 4-Chloroaniline	11.45	127	7941	2.020	ng	# 86
34) Hexachlorobutadiene	11.62	225	3340	2.017	ng	95
35) Caprolactam	12.19	113	2727	2.441	ng	# 81
37) 2-Methylnaphthalene	12.91	142	15385	2.284	ng	87
45) 1,1'-Biphenyl	13.90	154	20953	2.282	ng	96
46) 2-Chloronaphthalene	13.95	162	15851	2.321	ng	94
48) Acenaphthylene	14.79	152	27518	2.300	ng	98
49) Dimethylphthalate	14.50	163	22703	2.355	ng	98
51) Acenaphthene	15.12	154	17829	2.139	ng	100
52) 3-Nitroaniline	14.96	138	4933	2.234	ng	# 84
54) Dibenzofuran	15.46	168	25374	2.337	ng	92
57) Fluorene	16.10	166	23882	2.322	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.68	232	4833	2.093	ng	# 87
59) Diethylphthalate	15.85	149	26264	2.497	ng	94
61) 4-Nitroaniline	16.12	138	5087	2.100	ng	# 69
65) n-Nitrosodiphenylamine	16.30	169	20814	2.295	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Hexachlorobenzene	17.11	284	7089	2.039	ng	97
68) Atrazine	17.23	200	6736	2.027	ng	93
70) Phenanthrene	17.86	178	40317	2.396	ng	93
71) Anthracene	17.94	178	39571	2.335	ng	99
72) Carbazole	18.21	167	38358	2.324	ng	97
73) Di-n-butylphthalate	18.74	149	40738	2.202	ng #	94
74) Fluoranthene	19.85	202	42532	2.169	ng	91
77) Pyrene	20.21	202	45395	2.425	ng	92
79) Butylbenzylphthalate	21.08	149	20065	2.568	ng #	82
80) Benzo(a)anthracene	22.15	228	43677	2.364	ng #	91
81) 3,3'-Dichlorobenzidine	22.05	252	13795	2.065	ng #	88
82) Chrysene	22.22	228	40364	2.305	ng #	91
83) Bis(2-ethylhexyl)phthalate	22.00	149	29392	2.566	ng #	88
84) Di-n-octyl phthalate	23.34	149	44579	2.340	ng #	95
85) Indeno(1,2,3-cd)pyrene	29.92	276	41521	2.081	ng #	48
87) Benzo(b)fluoranthene	24.62	252	39128	2.124	ng #	96
88) Benzo(k)fluoranthene	24.69	252	38695	2.147	ng #	90
89) Benzo(a)pyrene	25.61	252	36247	2.085	ng #	85
90) Dibenzo(a,h)anthracene	29.99	278	35799	2.021	ng #	88
91) Benzo(g,h,i)perylene	31.22	276	36278	2.109	ng #	79

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

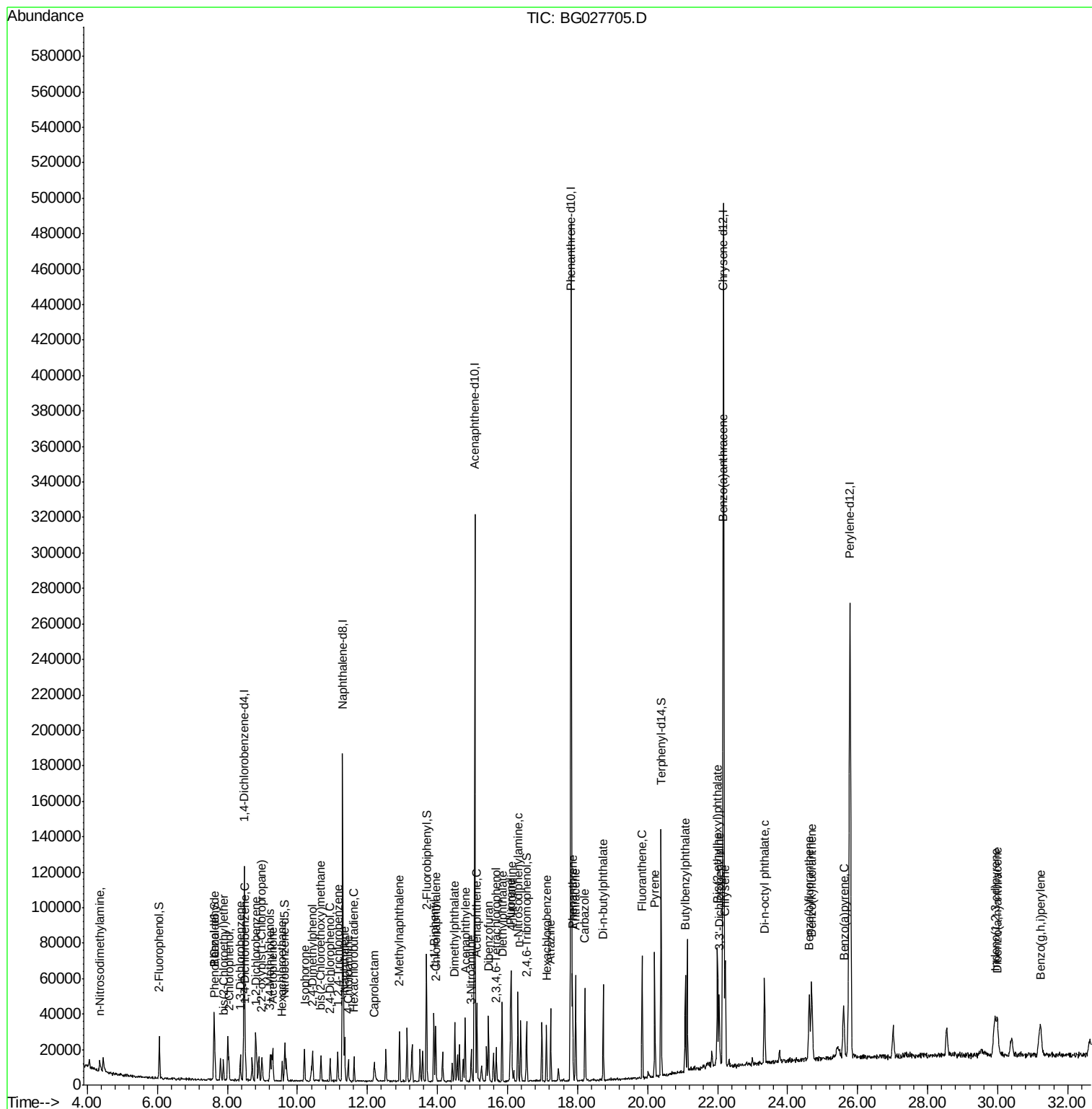
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062817\
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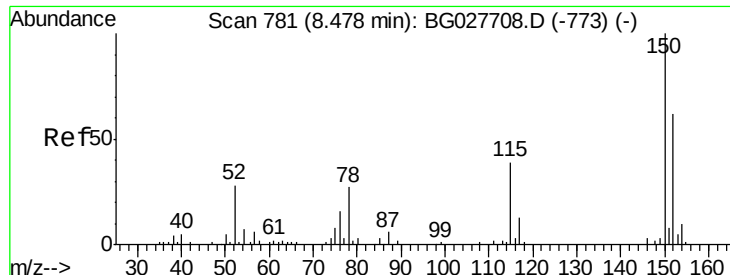
Instrument :
BNA_G
ClientSampled :
SSTDICC2.5

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#1

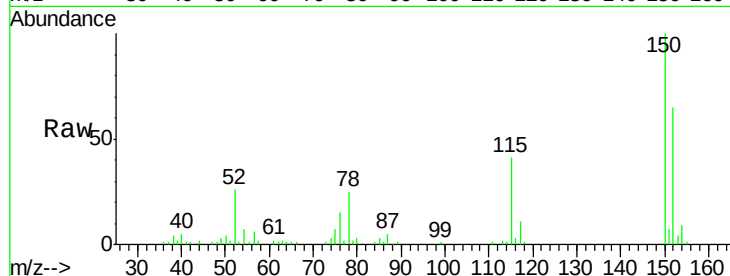
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 780
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

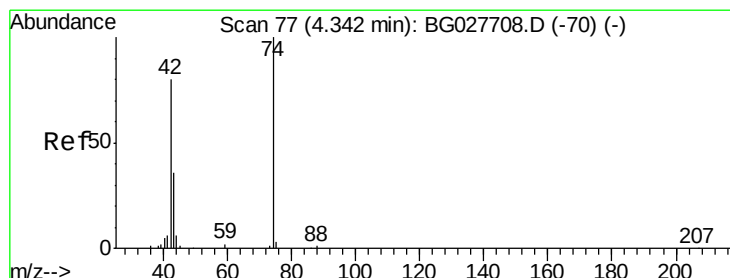
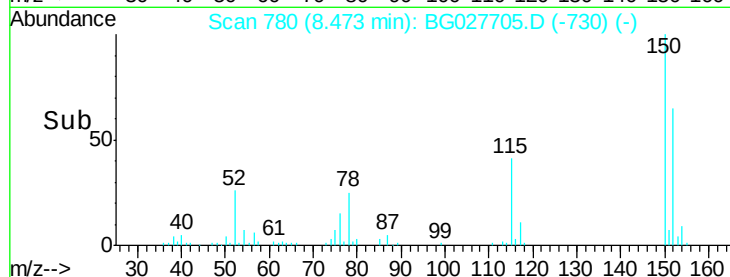
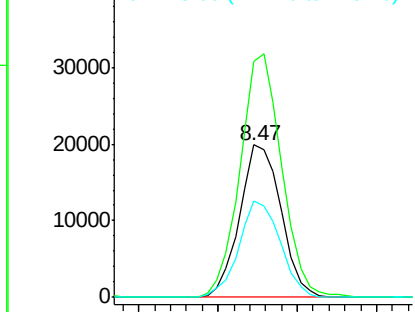
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	114.0	171.0
115	63.2	48.1	72.1

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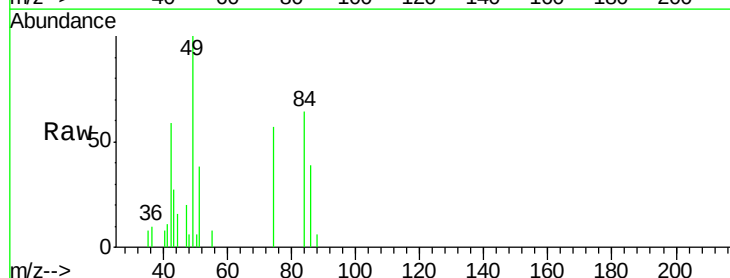
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



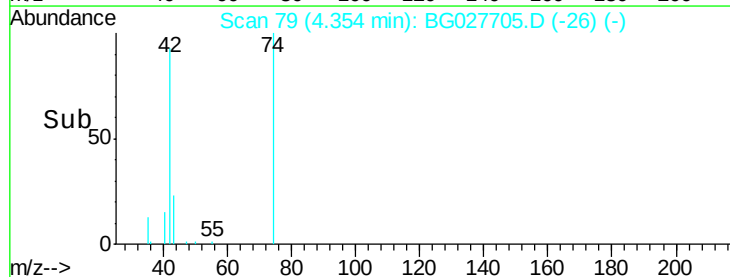
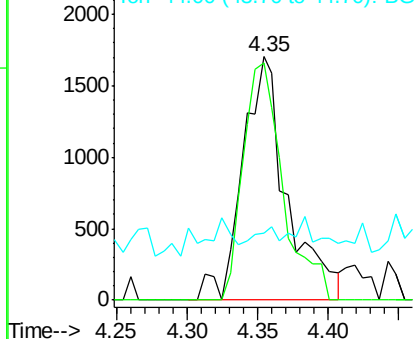
#4

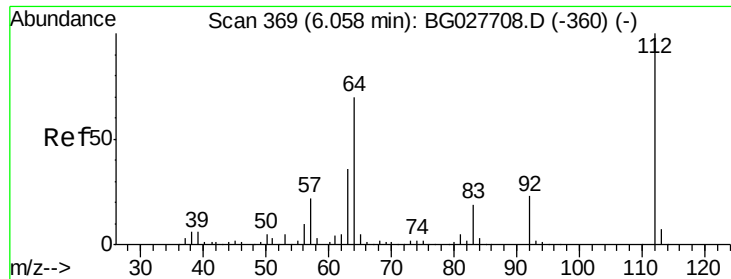
n-Nitrosodimethylamine
Concen: 2.573 ng
RT: 4.35 min Scan# 79
Delta R.T. 0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.2	76.7	115.1
44	27.3	6.1	9.1#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 4.211 ng

RT: 6.06 min Scan# 369

Delta R.T. 0.00 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Instrument :

BNA_G

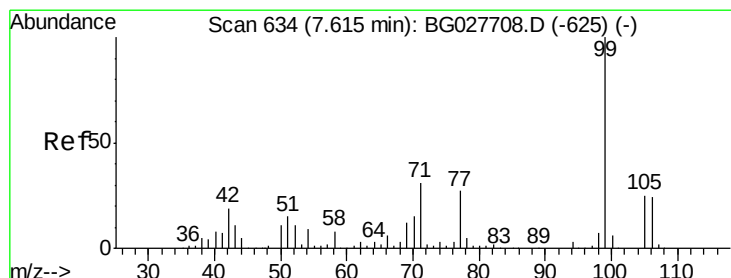
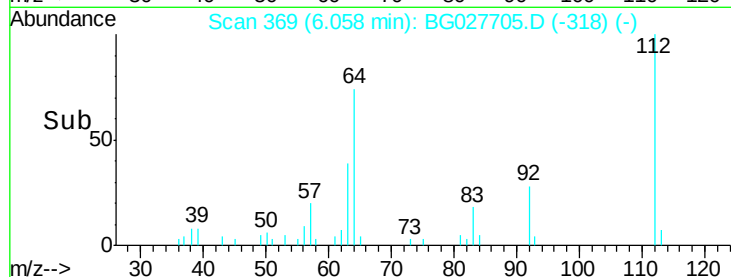
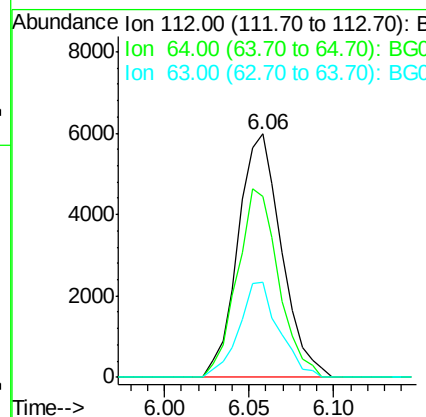
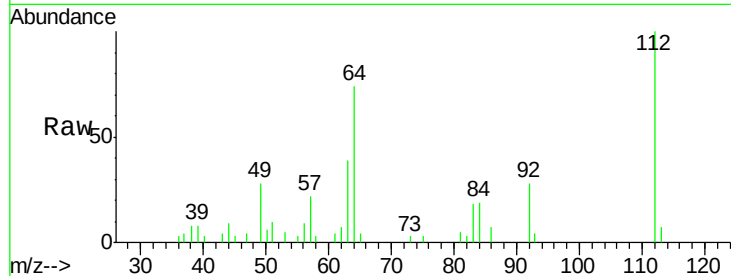
ClientSampleId :

SSTDICC2.5

Tgt Ion:	112	Resp:	10688
Ion Ratio	Lower	Upper	
112	100		
64	74.3	61.8	92.6
63	39.2	37.2	55.8

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#7

Phenol-d6

Concen: 4.049 ng

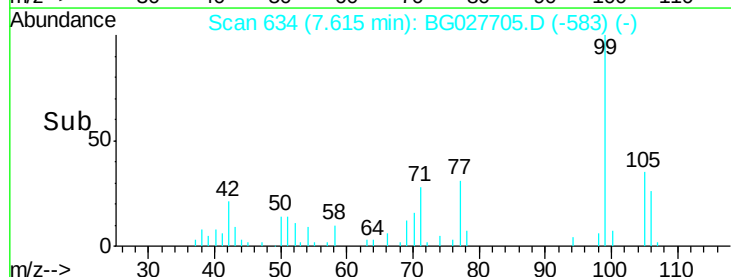
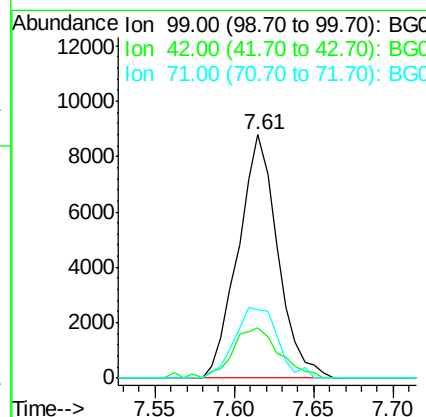
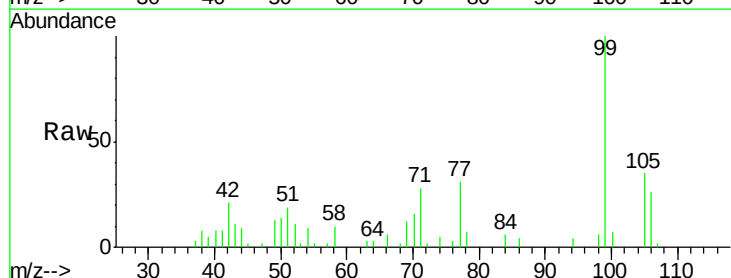
RT: 7.61 min Scan# 634

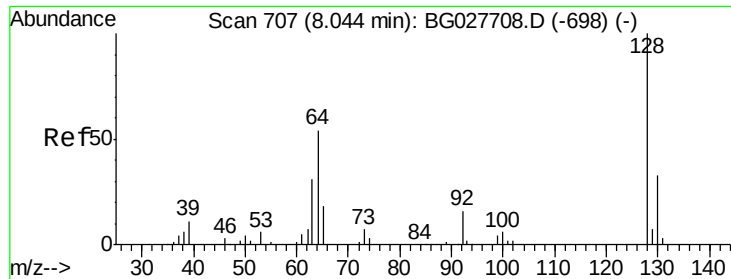
Delta R.T. 0.00 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Tgt Ion:	99	Resp:	15213
Ion Ratio	Lower	Upper	
99	100		
42	20.6	20.5	30.7
71	27.8	37.6	56.4#





#8

2-Chlorophenol

Concen: 2.205 ng

RT: 8.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Instrument :

BNA_G

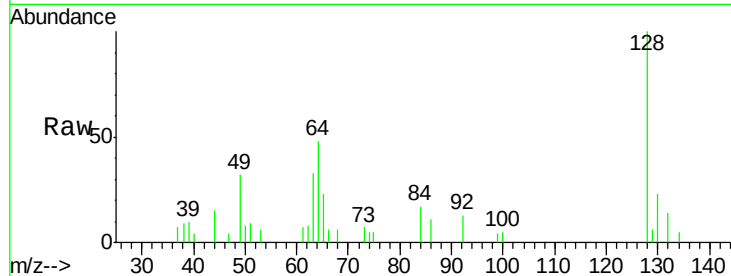
ClientSampleId :

SSTDICC2.5

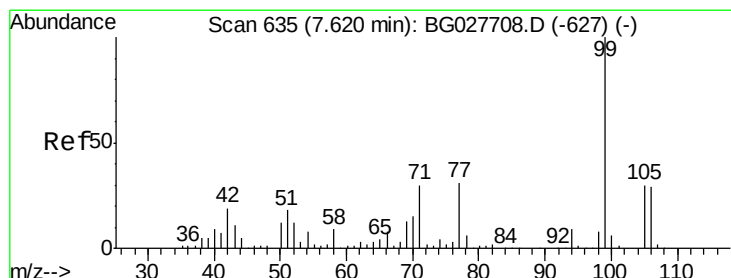
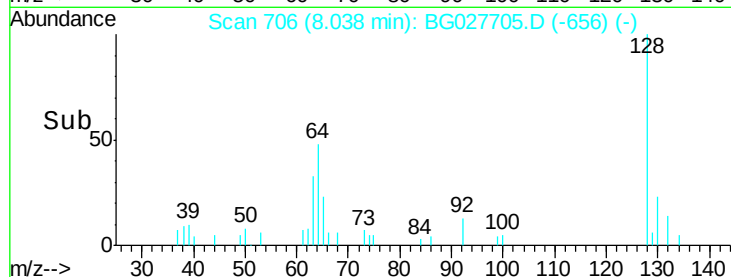
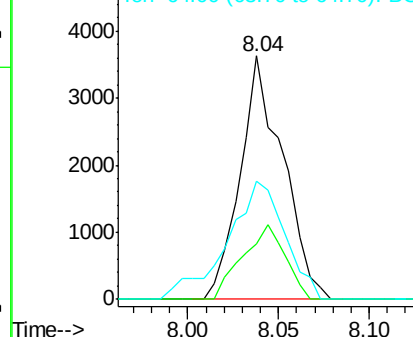
Tgt Ion:	128	Resp:	5921
Ion	Ratio	Lower	Upper
128	100		
130	22.5	11.4	51.4
64	48.3	46.6	86.6

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



#9

Benzaldehyde

Concen: 2.261 ng

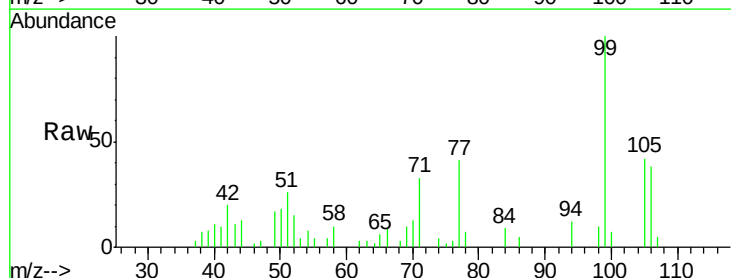
RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

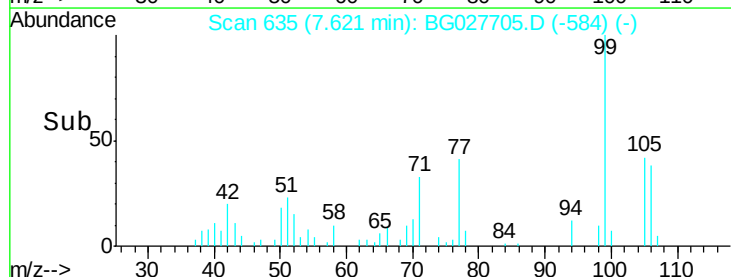
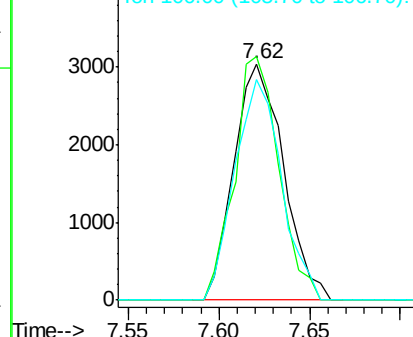
Lab File: BG027705.D

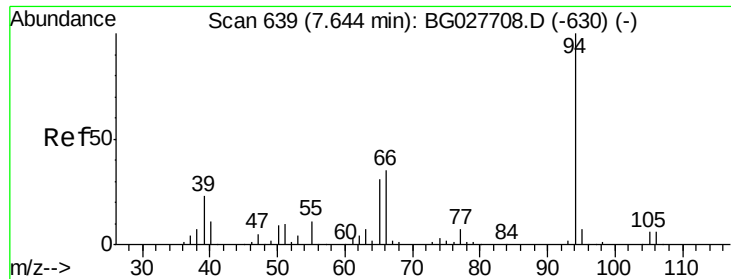
Acq: 28 Jun 2017 12:16

Tgt Ion:	77	Resp:	5773
Ion	Ratio	Lower	Upper
77	100		
105	103.0	60.9	100.9#
106	93.1	55.1	95.1



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





#10

Phenol

Concen: 2.057 ng

RT: 7.64 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Instrument :

BNA_G

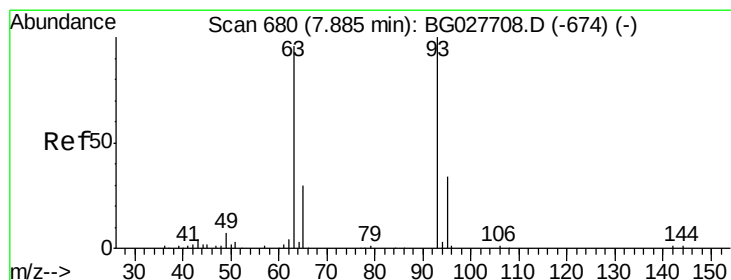
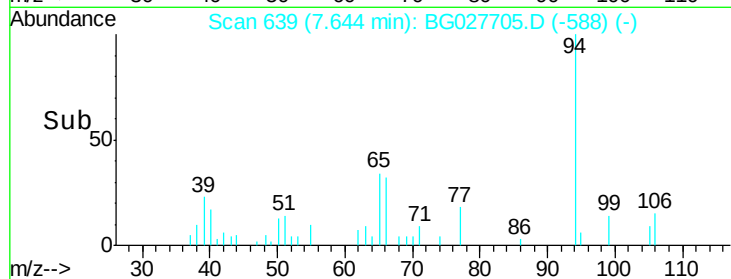
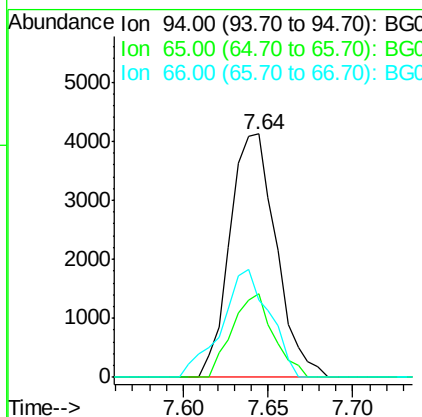
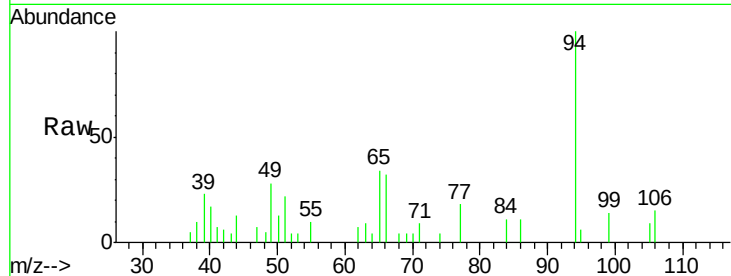
ClientSampled :

SSTDICC2.5

Tgt Ion:	94	Resp:	7875
Ion	Ratio	Lower	Upper
94	100		
65	34.2	20.6	60.6
66	32.0	35.5	75.5#

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#11

bis(2-Chloroethyl)ether

Concen: 2.006 ng

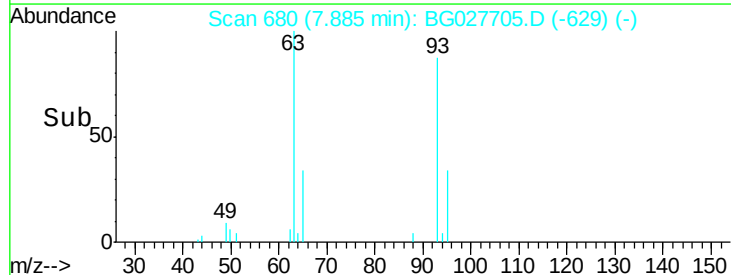
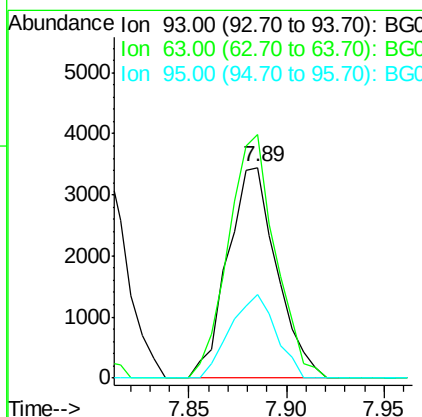
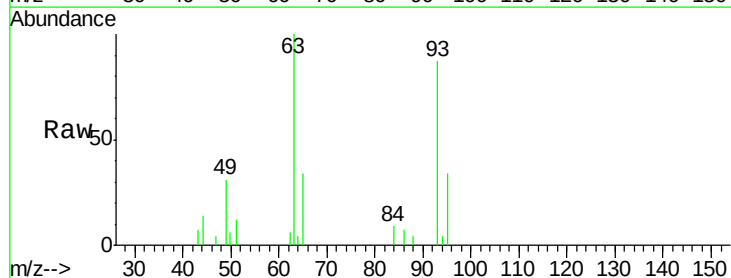
RT: 7.89 min Scan# 680

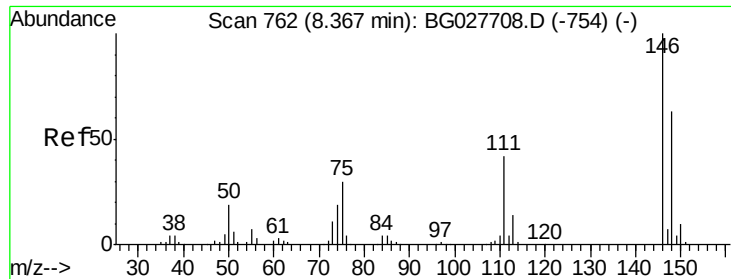
Delta R.T. 0.00 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Tgt Ion:	93	Resp:	6010
Ion	Ratio	Lower	Upper
93	100		
63	115.5	78.5	118.5
95	39.5	9.8	49.8





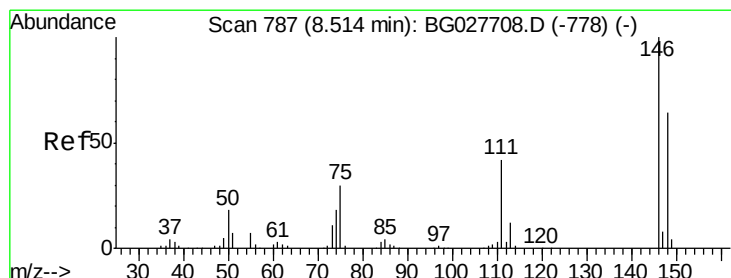
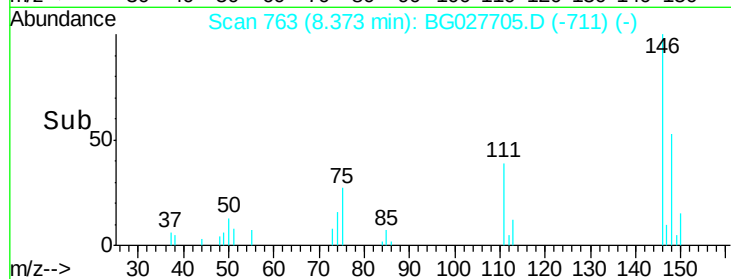
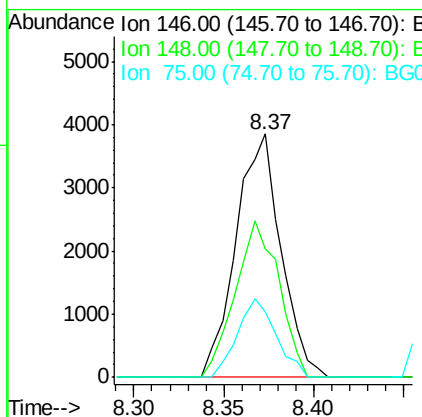
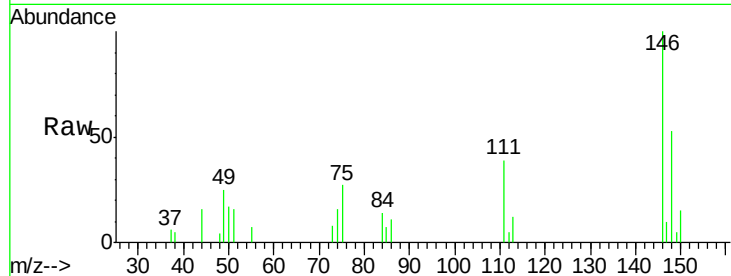
#12
 1,3-Dichlorobenzene
 Concen: 2.359 ng m
 RT: 8.37 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
146	100		
148	52.9	49.2	73.8
75	26.8	33.4	50.2

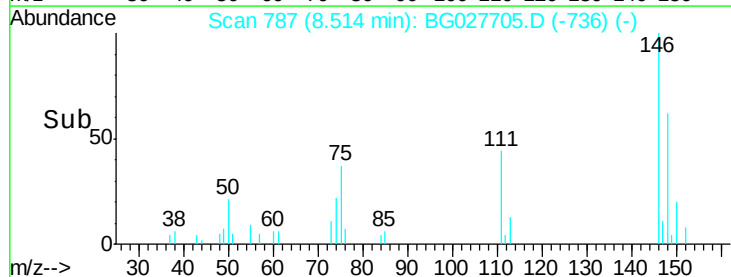
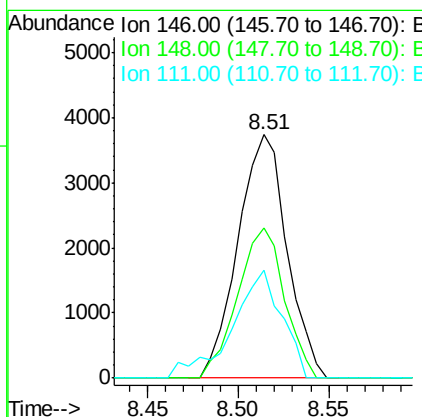
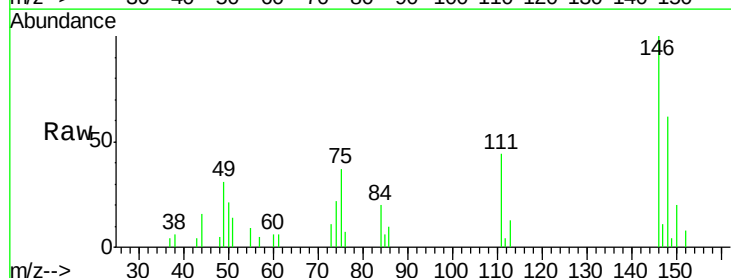
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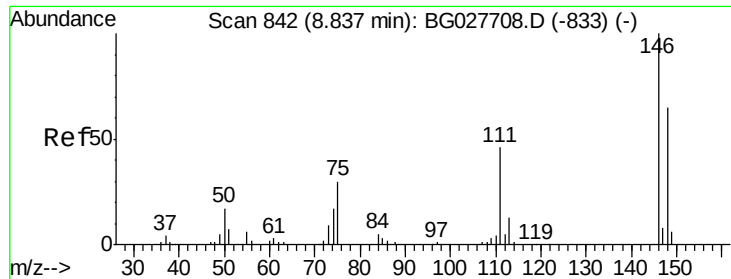
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#13
 1,4-Dichlorobenzene
 Concen: 2.455 ng
 RT: 8.51 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.2	78.2
111	44.3	37.0	55.6





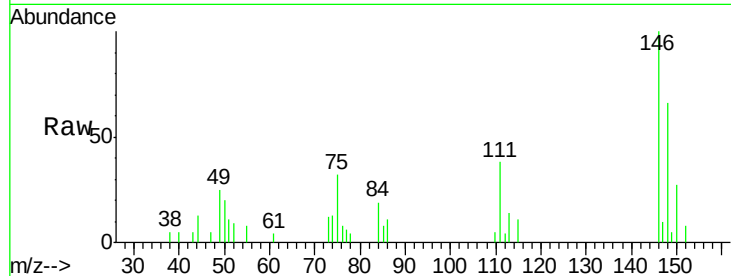
#14
 1,2-Dichlorobenzene
 Concen: 2.334 ng
 RT: 8.83 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	54.6	81.8
111	37.9	39.7	59.5#

Manual Integrations
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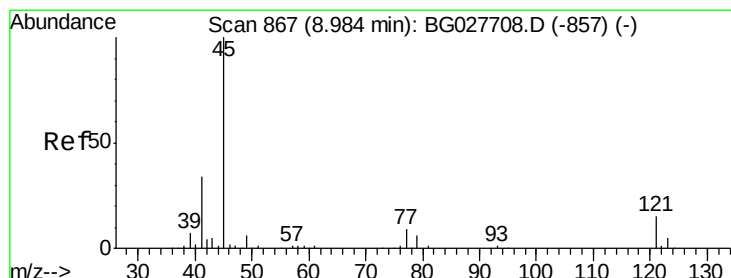
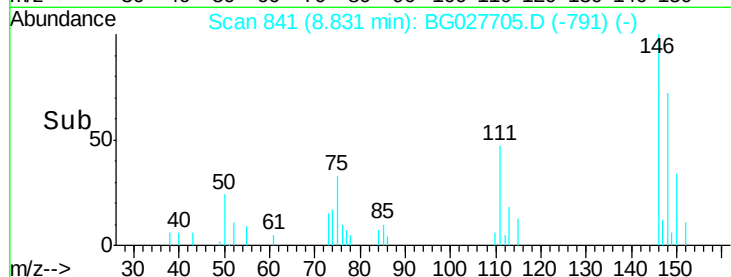
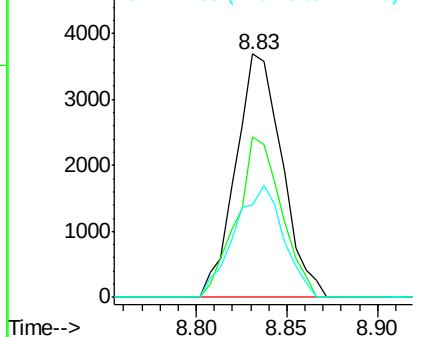


Abundance

Ion 146.00 (145.70 to 146.70): E

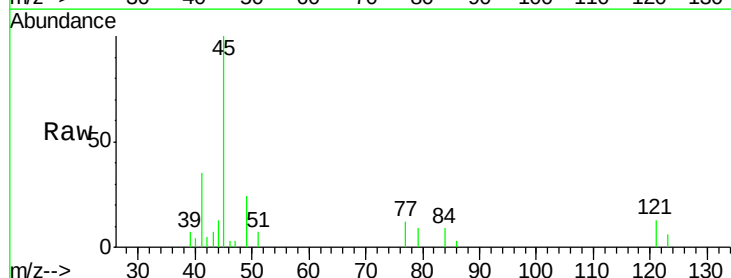
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.907 ng
 RT: 8.98 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	30.6
79	9.5	0.0	28.5

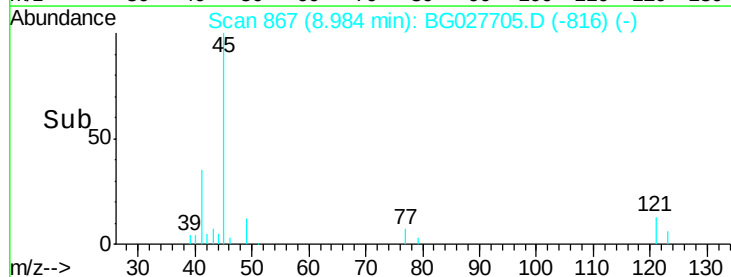
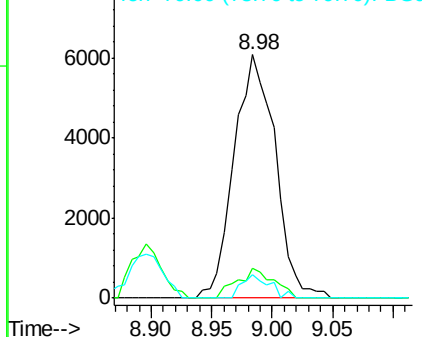


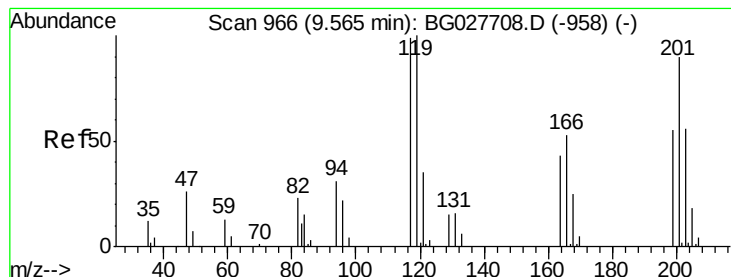
Abundance

Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#18

Hexachloroethane

Concen: 2.091 ng

RT: 9.57 min Scan# 967

Delta R.T. 0.01 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Instrument :

BNA_G

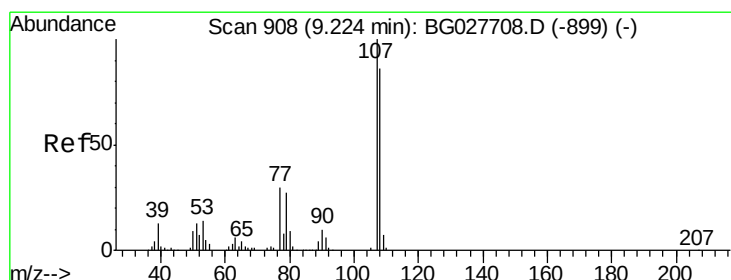
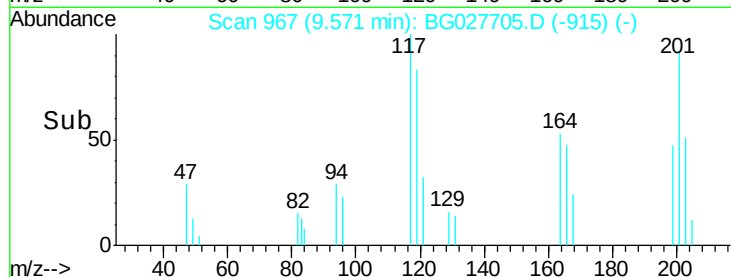
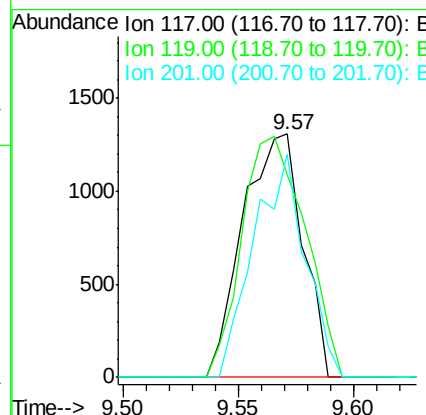
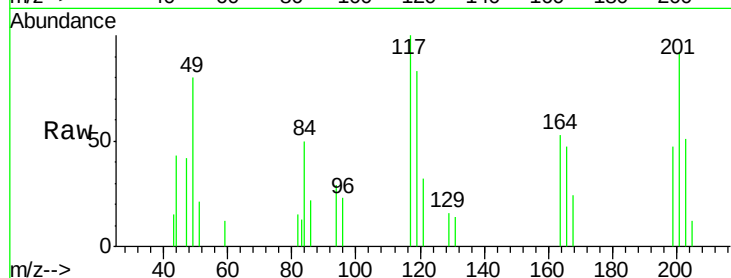
ClientSampleId :

SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	2347		
119	83.0	69.8	104.6	
201	91.5	95.4	143.0	

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#20

3+4-Methylphenols

Concen: 2.024 ng

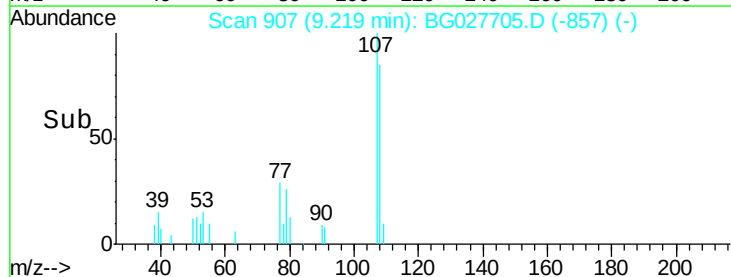
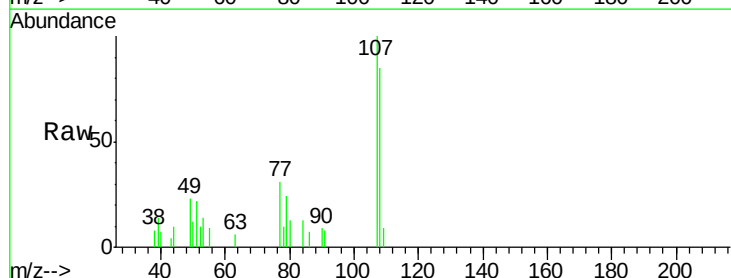
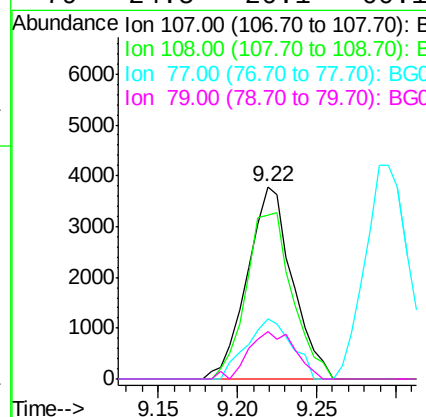
RT: 9.22 min Scan# 907

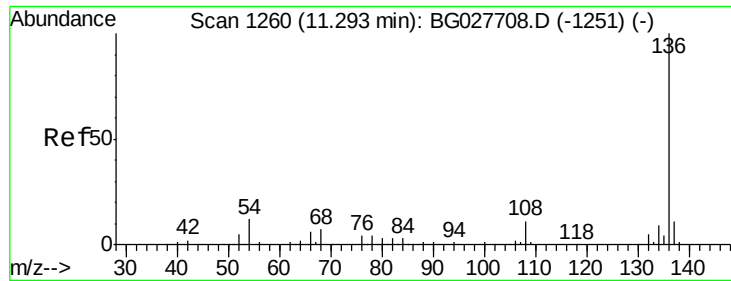
Delta R.T. -0.01 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	7465		
108	85.2	70.8	110.8	
77	31.5	25.8	65.8	
79	24.5	20.1	60.1	





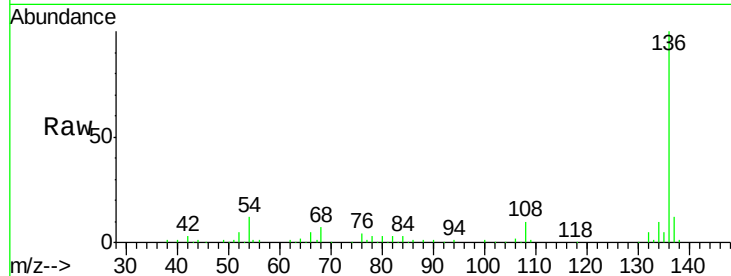
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

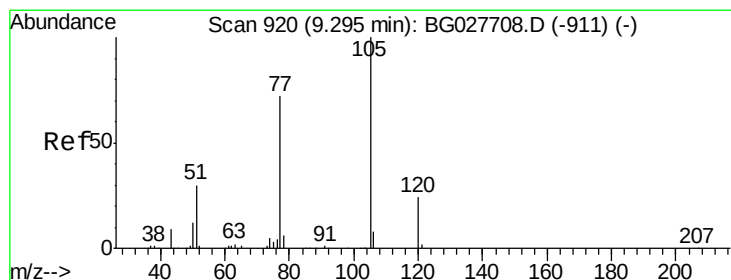
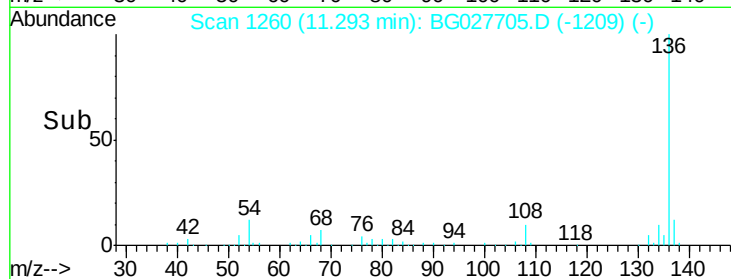
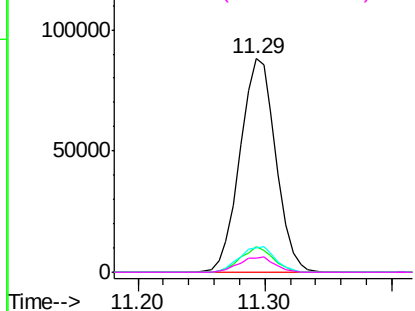
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	171470		
137	11.8	8.9	13.3	
54	11.7	9.3	13.9	
68	6.7	5.1	7.7	

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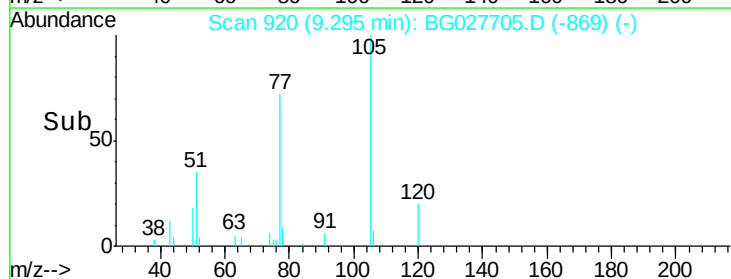
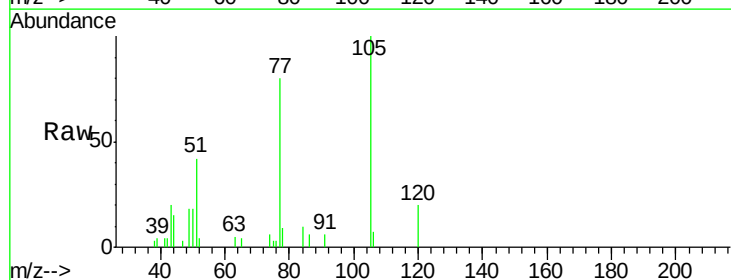
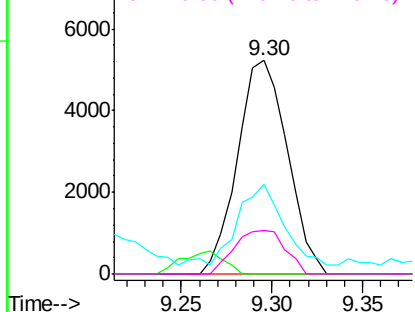
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

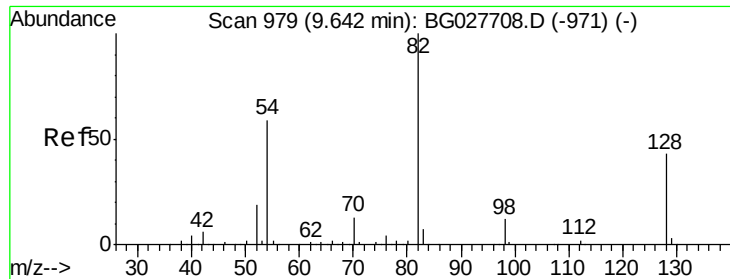


#22
Acetophenone
Concen: 2.123 ng
RT: 9.30 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	9984		
71	0.0	0.9	1.3#	
51	41.7	34.0	51.0	
120	20.4	17.3	25.9	

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





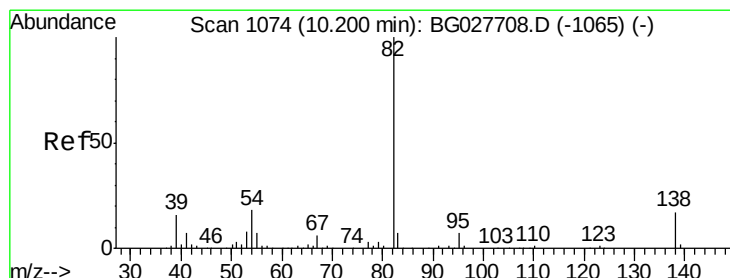
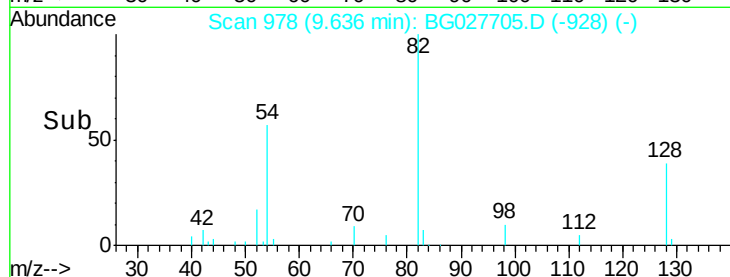
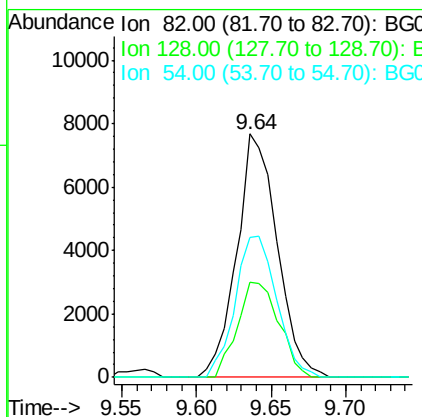
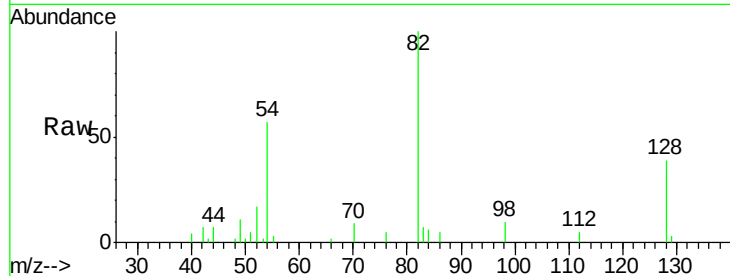
#23
Nitrobenzene-d5
Concen: 3.977 ng
RT: 9.64 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	26.4	39.6
54	57.3	49.4	74.2

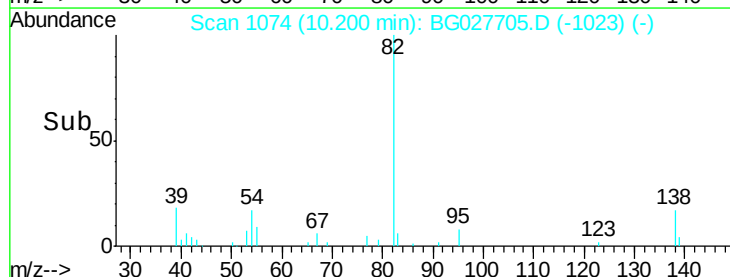
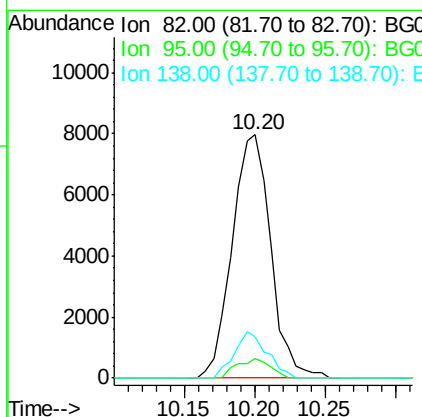
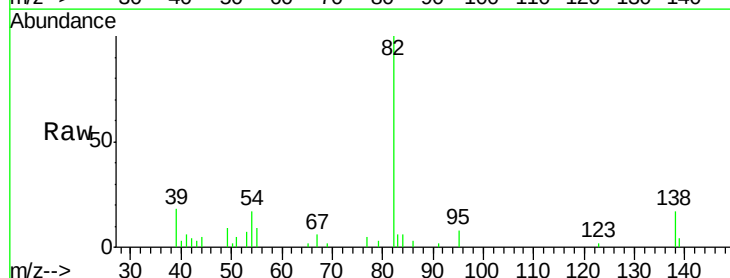
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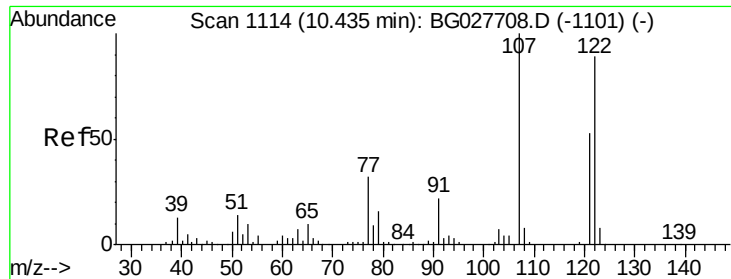
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#25
Isophorone
Concen: 2.036 ng
RT: 10.20 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.0	7.5	11.3
138	17.2	12.3	18.5





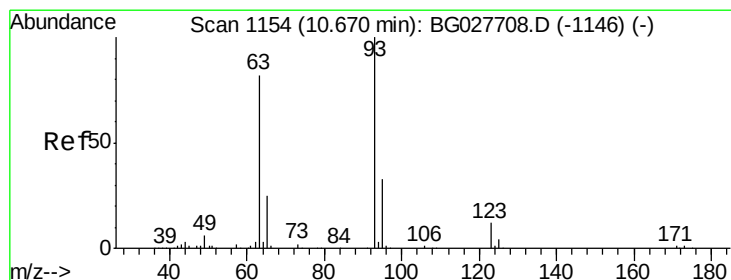
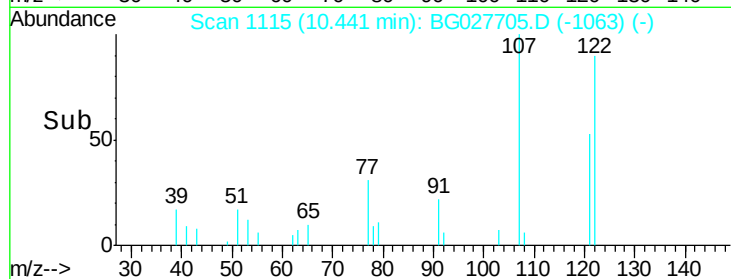
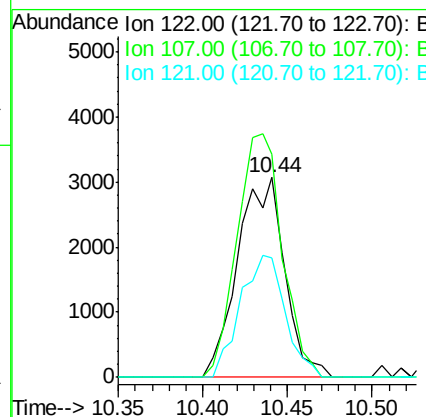
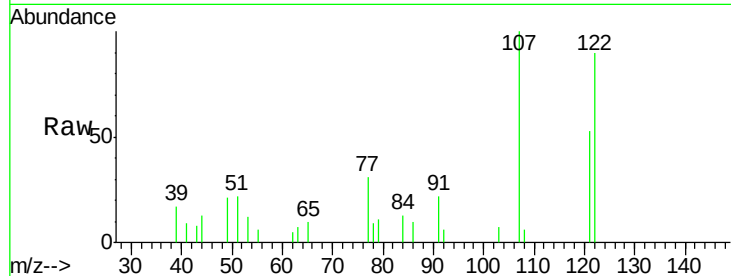
#27
 2,4-Dimethylphenol
 Concen: 2.133 ng
 RT: 10.44 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampled :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.4	104.2	156.4
121	59.5	46.0	69.0

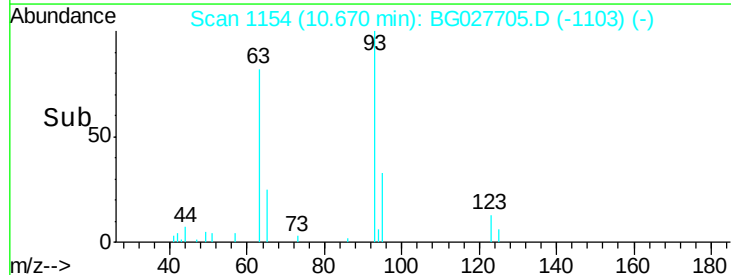
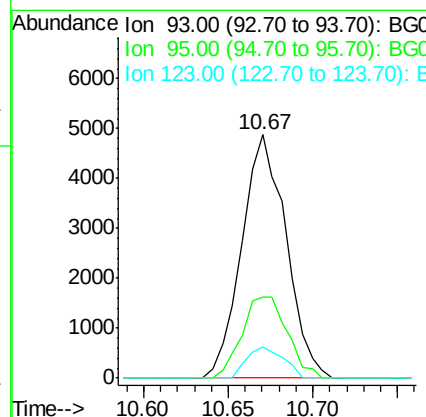
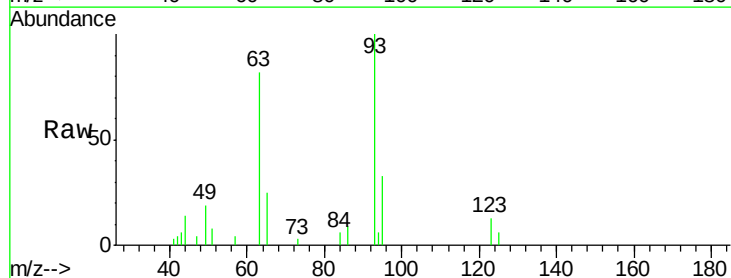
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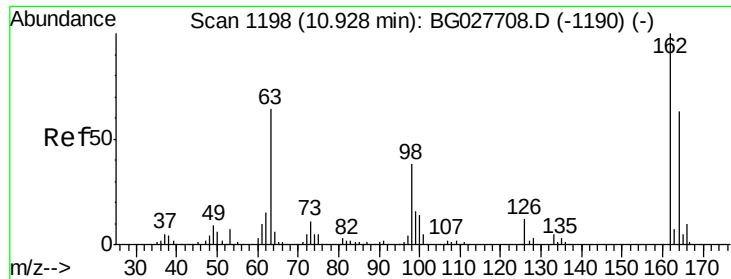
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#28
 bis(2-Chloroethoxy)methane
 Concen: 2.116 ng
 RT: 10.67 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.7	38.5
123	12.6	8.3	12.5





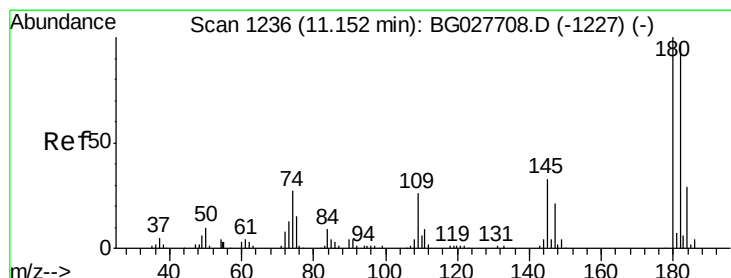
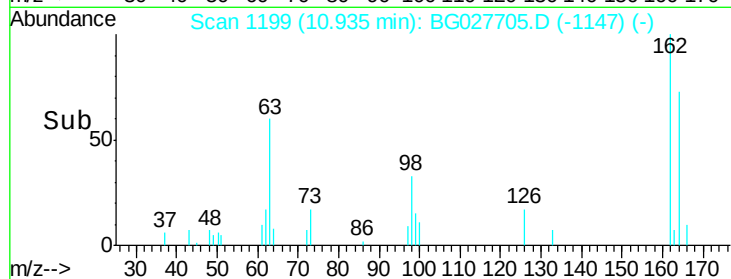
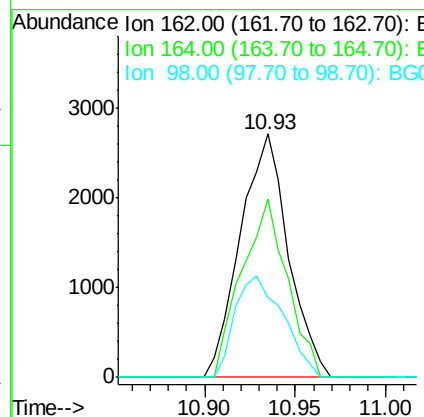
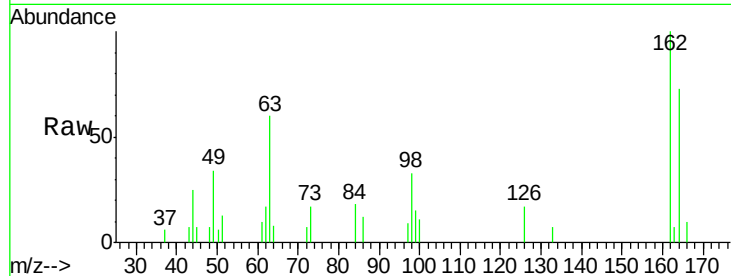
#29
 2,4-Dichlorophenol
 Concen: 2.085 ng
 RT: 10.93 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	4997		
164	73.0	42.4	82.4	
98	32.7	20.3	60.3	

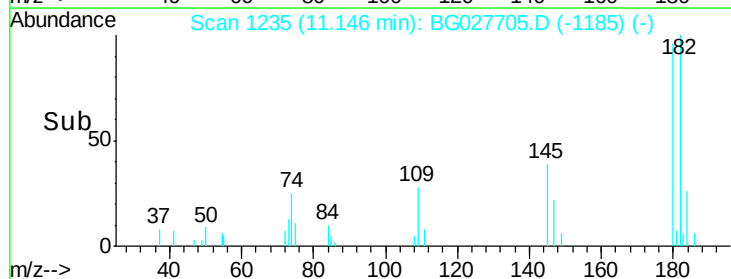
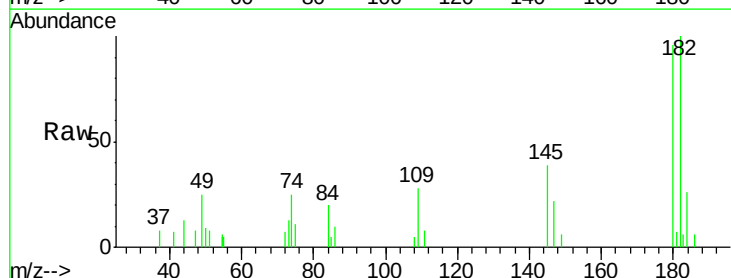
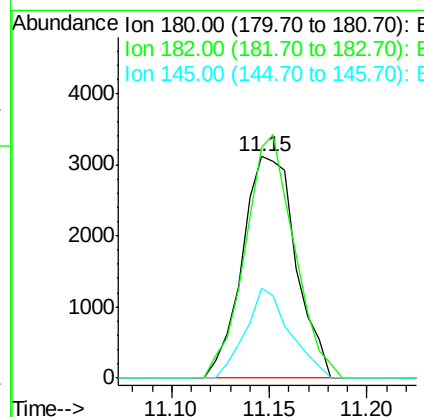
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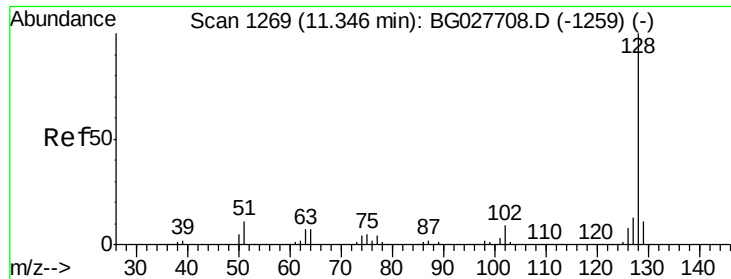
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#30
 1,2,4-Trichlorobenzene
 Concen: 2.147 ng
 RT: 11.15 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	5883		
182	104.1	77.0	115.4	
145	40.9	23.4	35.0	





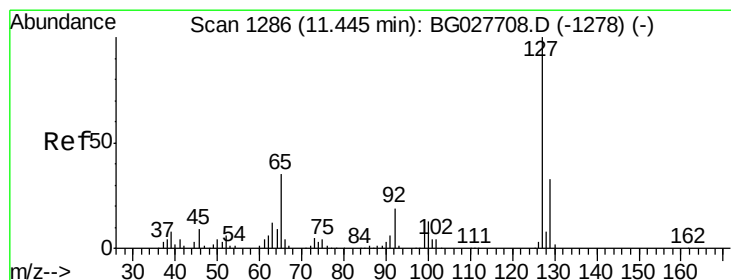
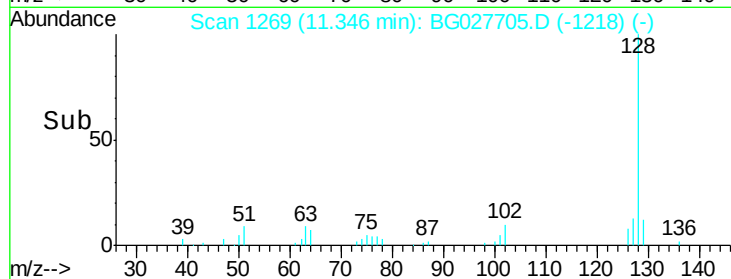
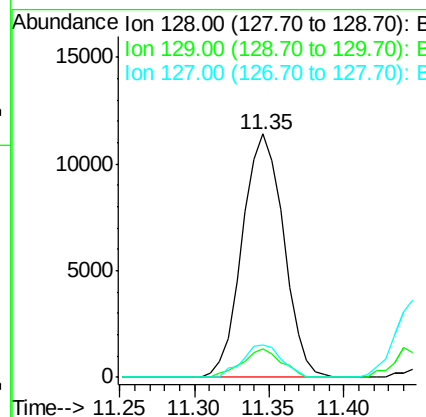
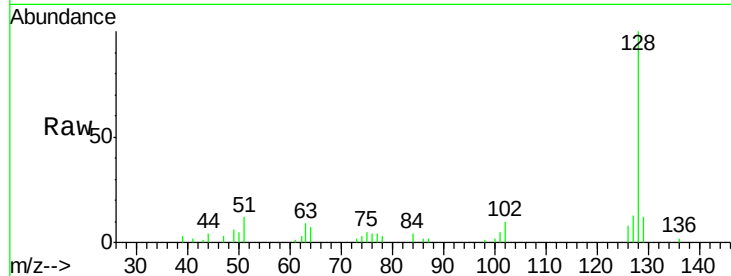
#31
Naphthalene
Concen: 2.366 ng
RT: 11.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.1	11.4	17.0

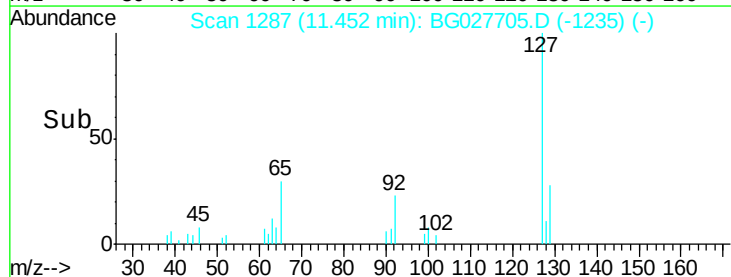
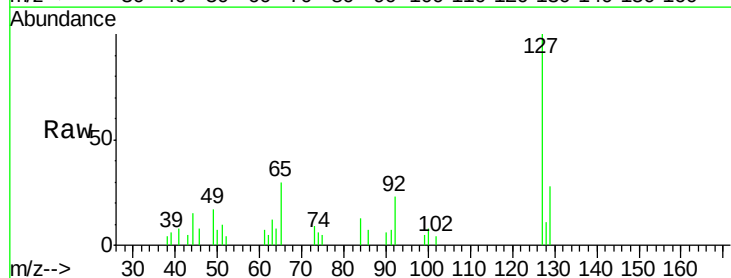
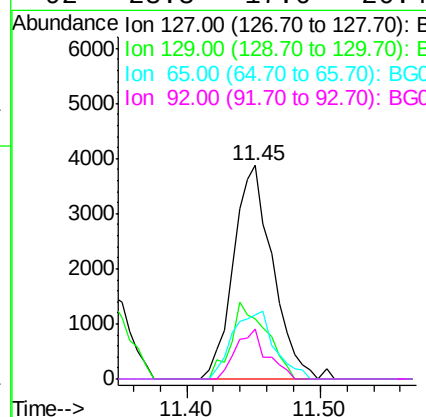
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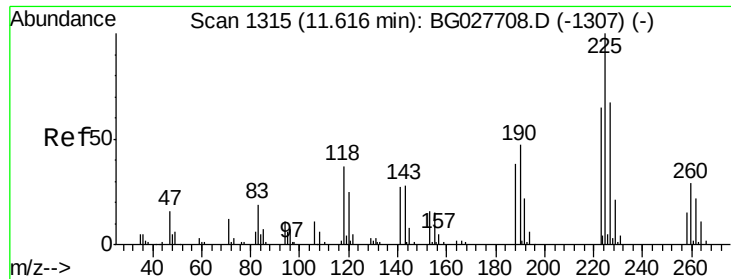
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#33
4-Chloroaniline
Concen: 2.020 ng
RT: 11.45 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.5	23.6	35.4
65	29.7	37.7	56.5#
92	23.3	17.6	26.4





#34

Hexachlorobutadiene

Concen: 2.017 ng

RT: 11.62 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Instrument :

BNA_G

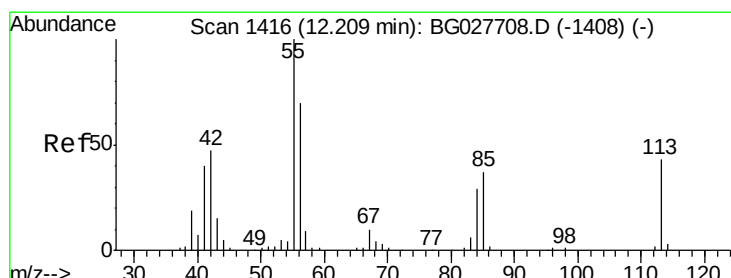
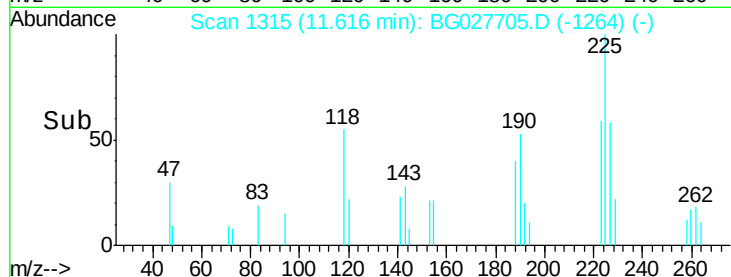
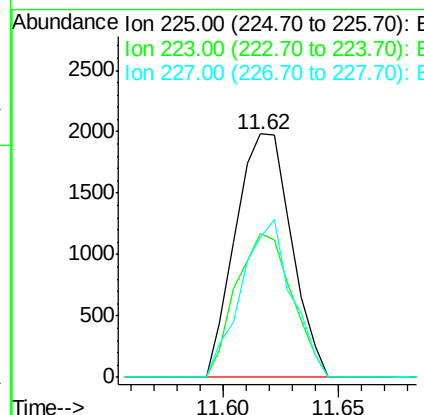
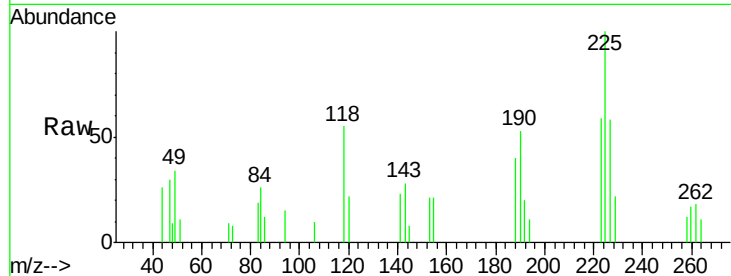
ClientSampleId :

SSTDICC2.5

Tgt Ion:	225	Resp:	3340
Ion Ratio	Lower	Upper	
225	100		
223	59.0	50.7	76.1
227	57.6	49.0	73.6

Manual Integrations
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#35

Caprolactam

Concen: 2.441 ng

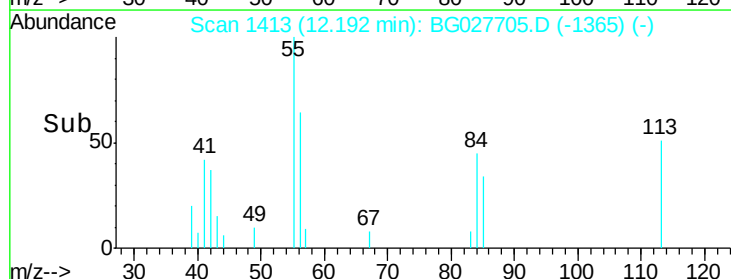
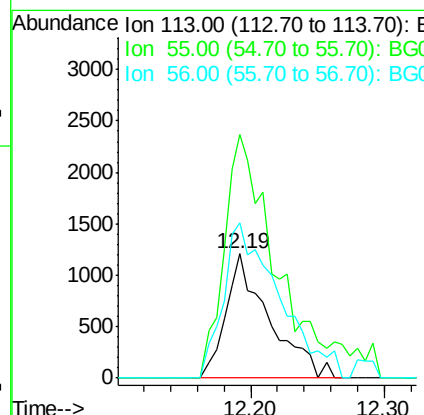
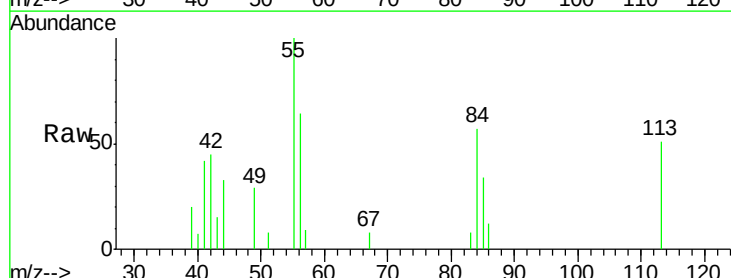
RT: 12.19 min Scan# 1413

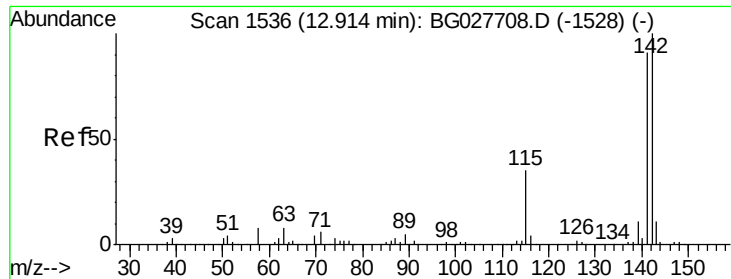
Delta R.T. -0.02 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Tgt Ion:	113	Resp:	2727
Ion Ratio	Lower	Upper	
113	100		
55	196.4	198.6	238.6#
56	125.4	140.4	180.4#





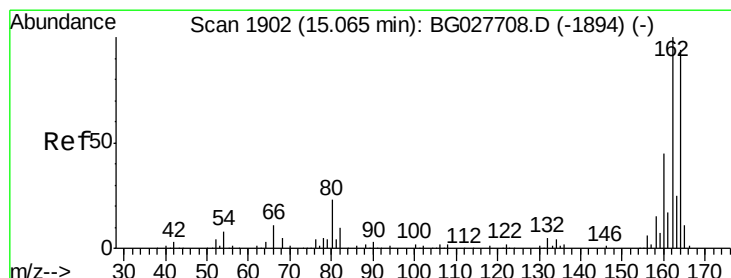
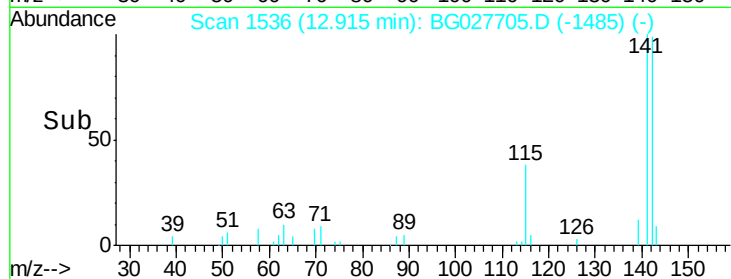
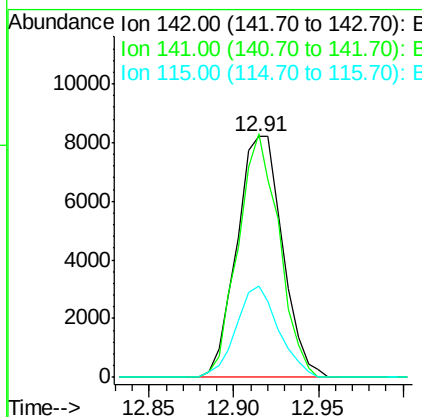
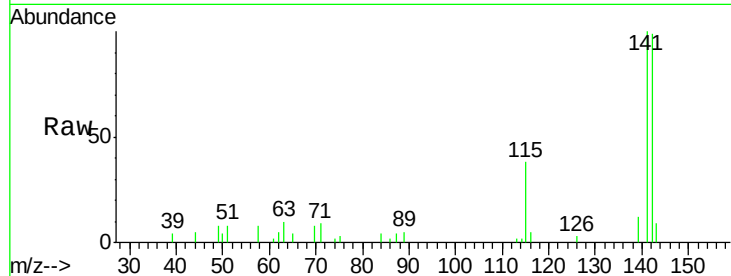
#37
 2-Methylnaphthalene
 Concen: 2.284 ng
 RT: 12.91 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
142	100		
141	101.0	70.4	105.6
115	38.0	35.5	53.3

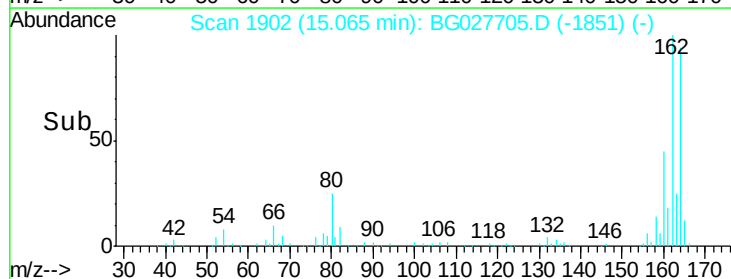
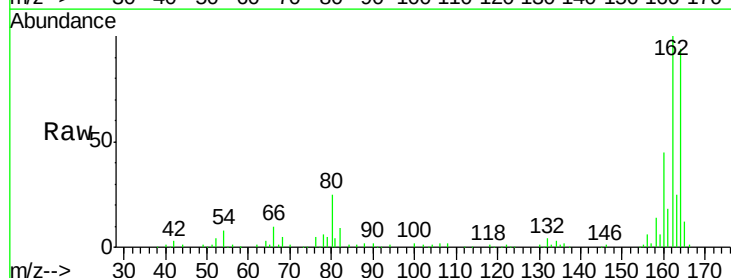
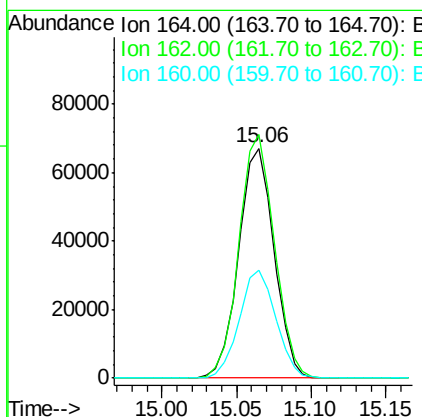
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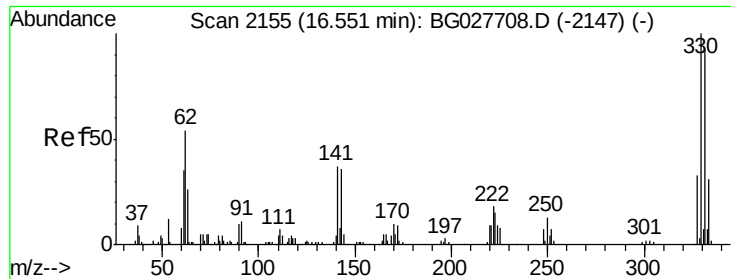
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	47.3	34.7	52.1





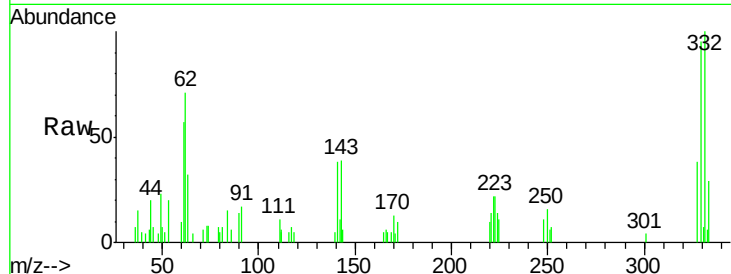
#41
 2,4,6-Tribromophenol
 Concen: 3.594 ng
 RT: 16.55 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampled :
 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	5899		
332	99.5	77.3	115.9	
141	43.2	32.1	48.1	

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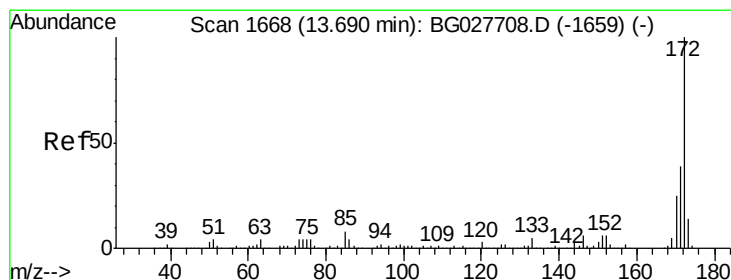
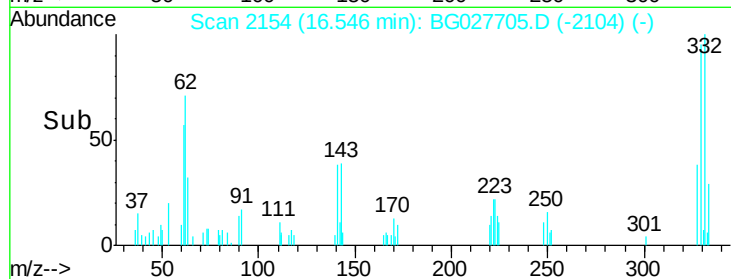
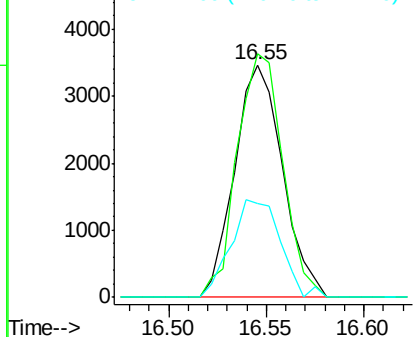


Abundance

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: 4.573 ng
 RT: 13.68 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

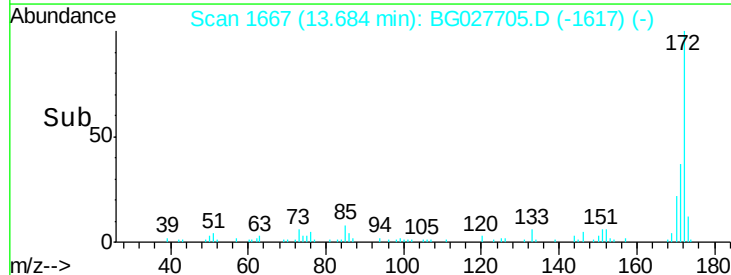
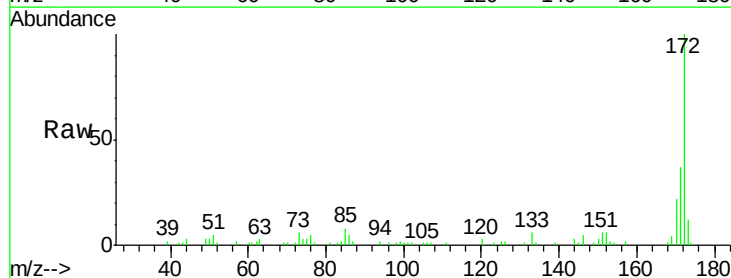
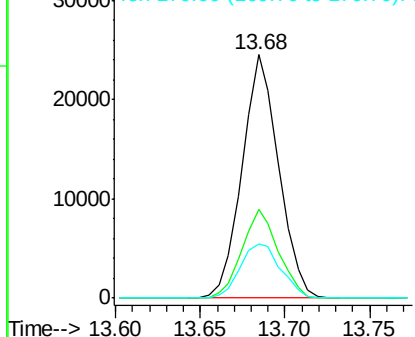
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	36859		
171	36.5	32.2	48.2	
170	22.2	21.8	32.6	

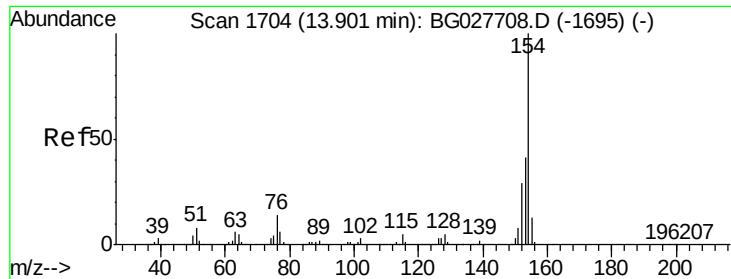
Abundance

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





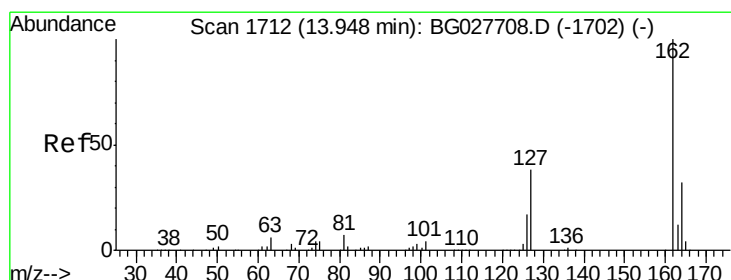
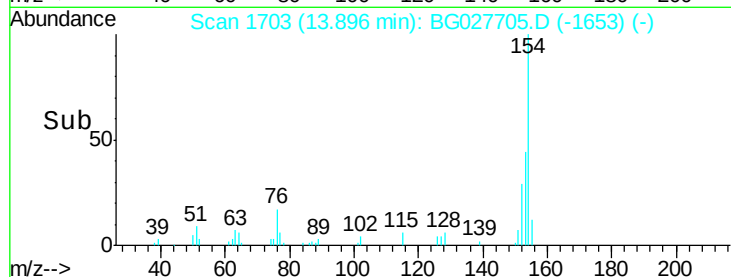
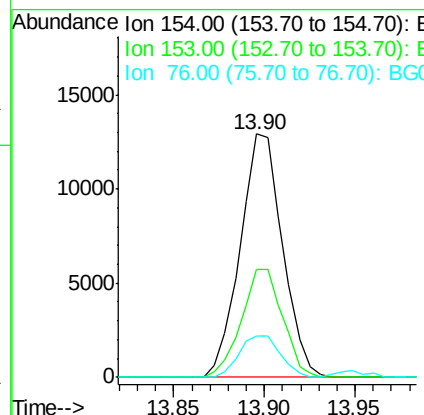
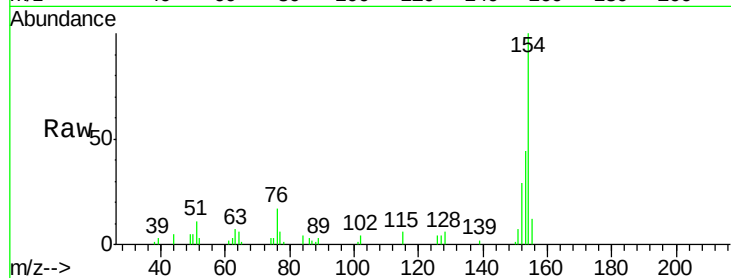
#45
1,1'-Biphenyl
Concen: 2.282 ng
RT: 13.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	20953		
153	44.4	23.0	63.0	
76	17.1	0.0	33.5	

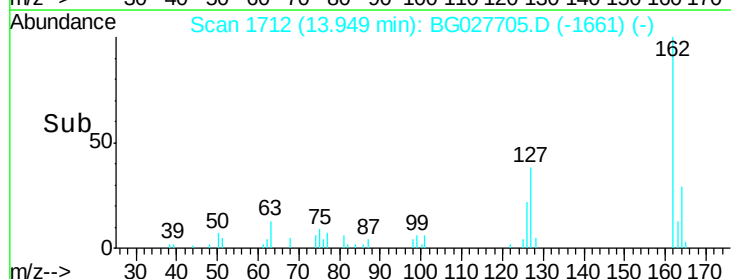
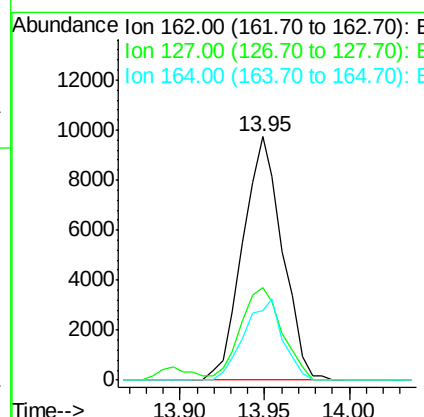
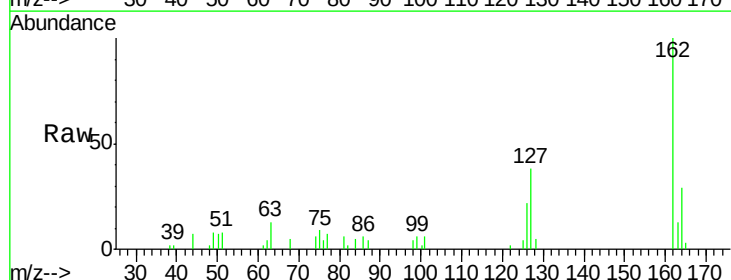
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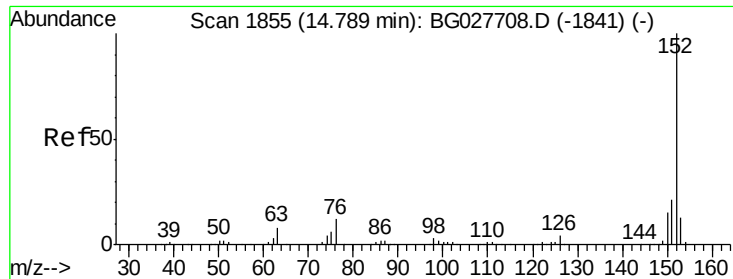
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#46
2-Chloronaphthalene
Concen: 2.321 ng
RT: 13.95 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	15851		
127	37.9	32.2	48.4	
164	28.7	27.3	40.9	





#48

Acenaphthylene

Concen: 2.300 ng

RT: 14.79 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Instrument :

BNA_G

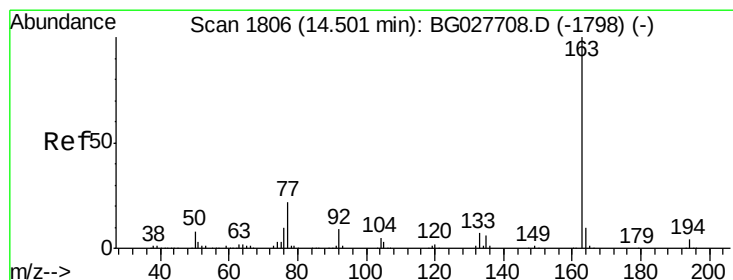
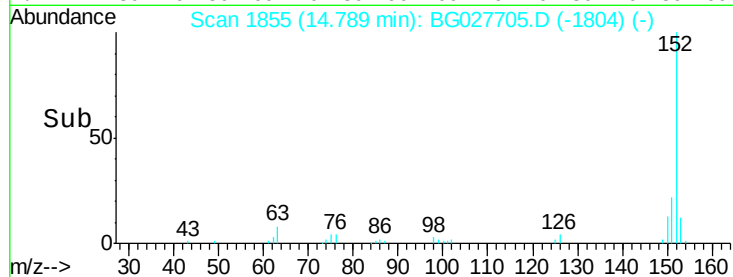
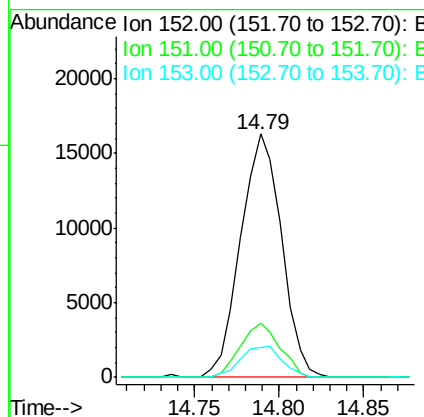
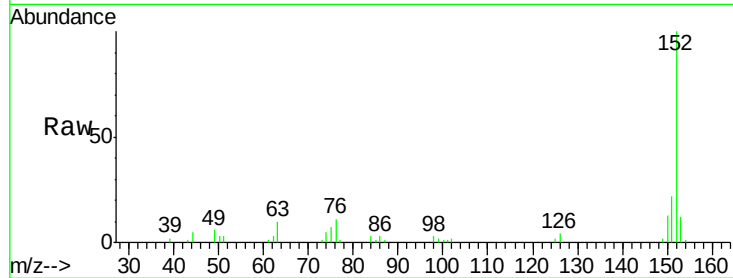
ClientSampleId :

SSTDICC2.5

Tgt Ion:	152	Resp:	27518
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.2	27.2
153	12.5	11.3	16.9

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#49

Dimethylphthalate

Concen: 2.355 ng

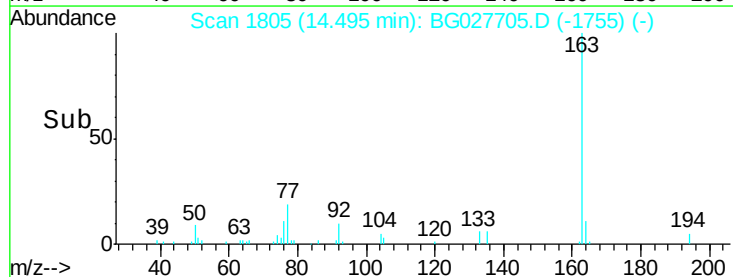
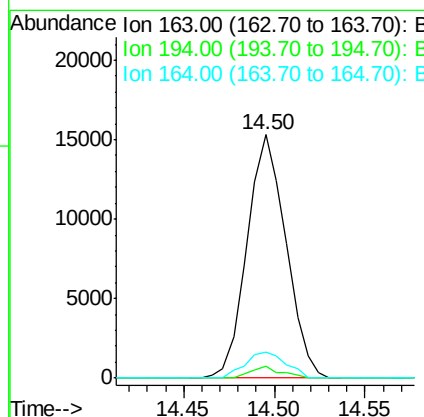
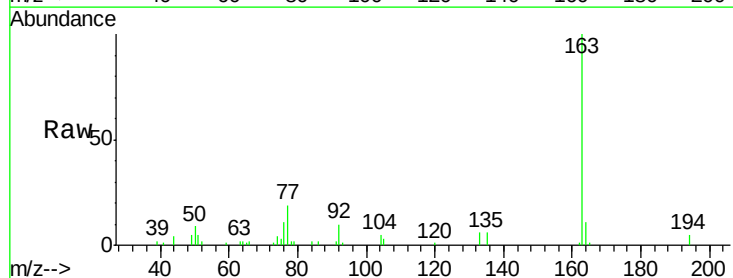
RT: 14.50 min Scan# 1805

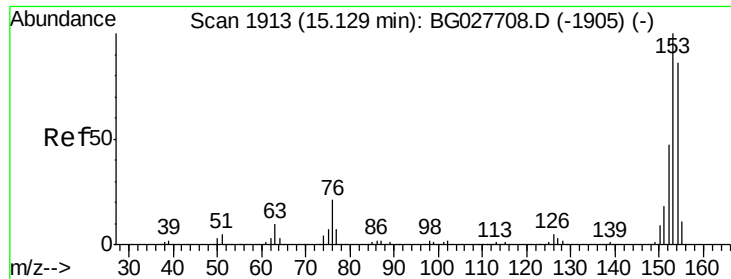
Delta R.T. -0.01 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Tgt Ion:	163	Resp:	22703
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.6
164	10.6	9.3	13.9





#51

Acenaphthene

Concen: 2.139 ng

RT: 15.12 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG027705.D

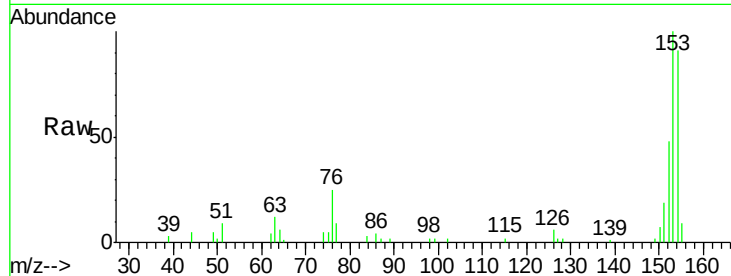
Acq: 28 Jun 2017 12:16

Instrument :

BNA_G

ClientSampleId :

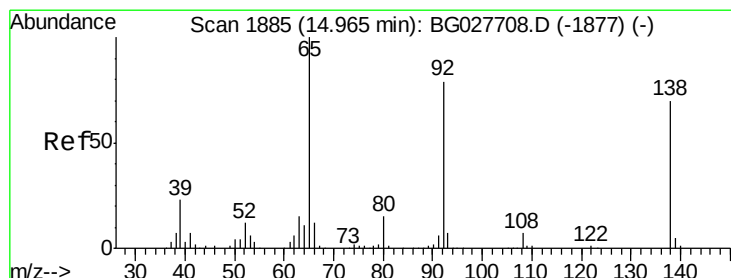
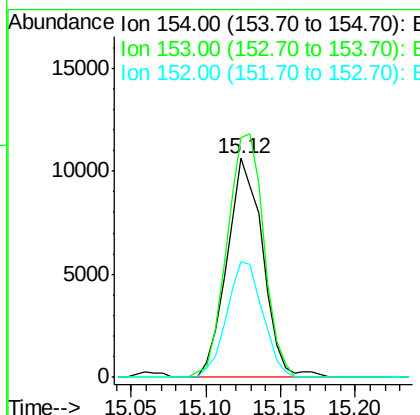
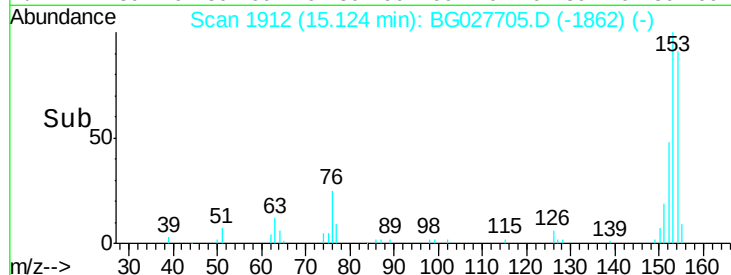
SSTDICC2.5



Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.5	87.8	131.6
152	52.5	42.2	63.4

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#52

3-Nitroaniline

Concen: 2.234 ng

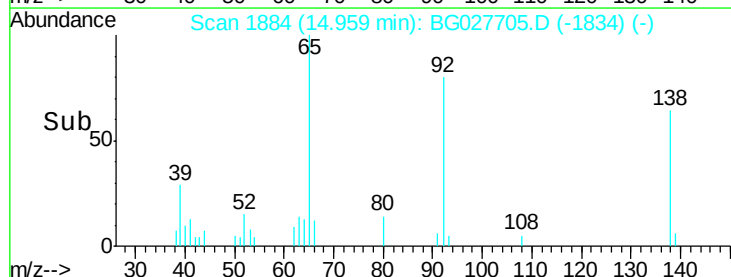
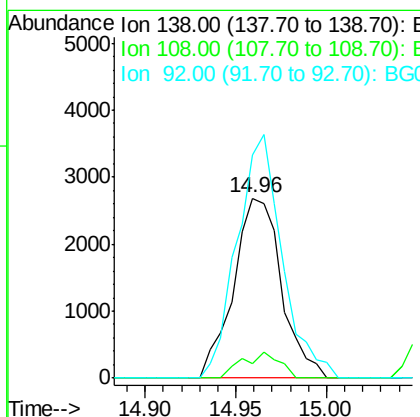
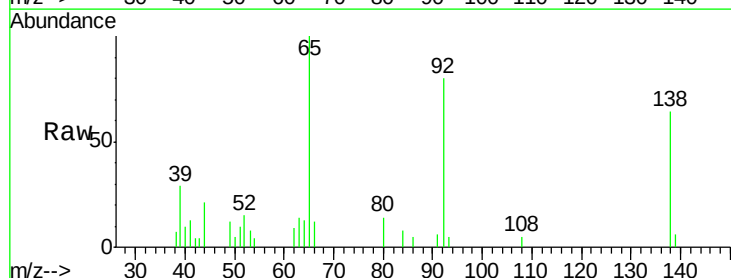
RT: 14.96 min Scan# 1884

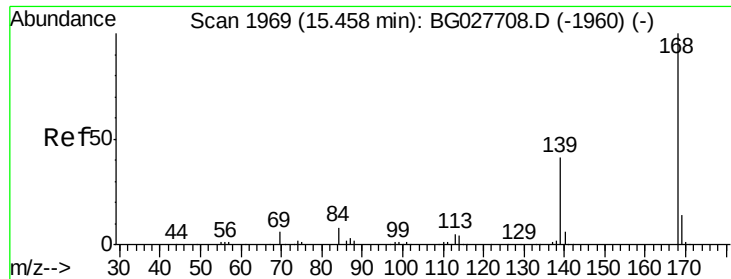
Delta R.T. -0.01 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.0	10.9	16.3#
92	124.5	115.3	172.9





#54

Dibenzenofuran

Concen: 2.337 ng

RT: 15.46 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Instrument :

BNA_G

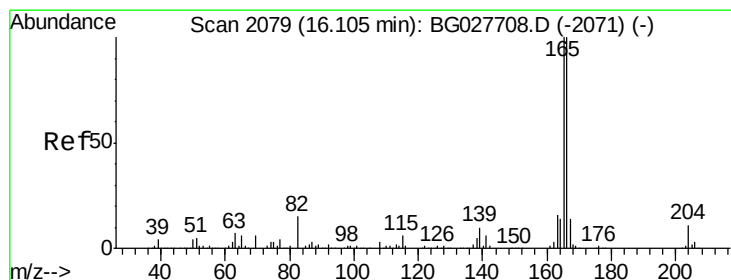
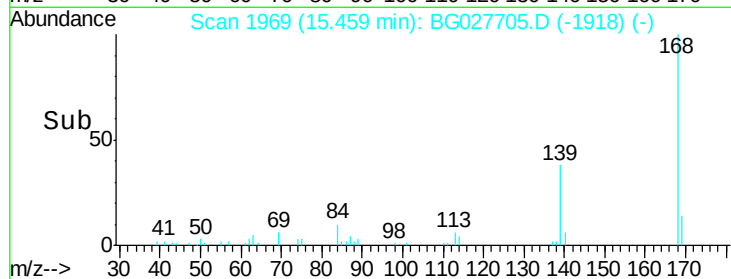
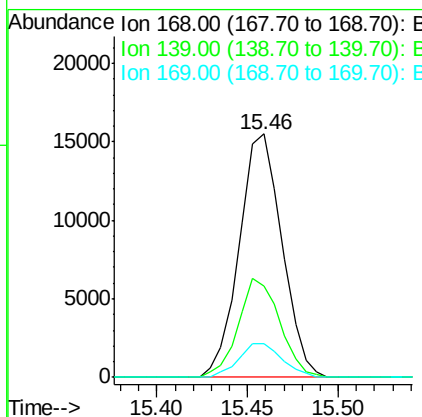
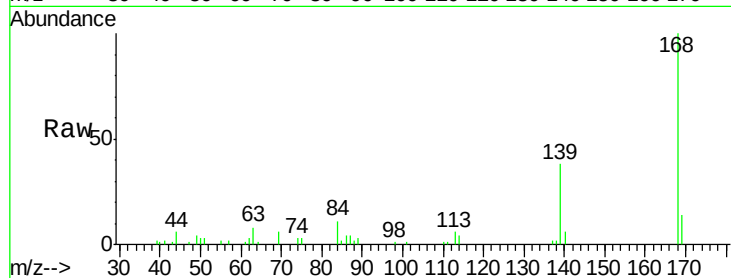
ClientSampleId :

SSTDICC2.5

Tgt Ion:	168	Resp:	25374
Ion Ratio	Lower	Upper	
168	100		
139	37.7	35.3	52.9
169	13.6	11.5	17.3

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#57

Fluorene

Concen: 2.322 ng

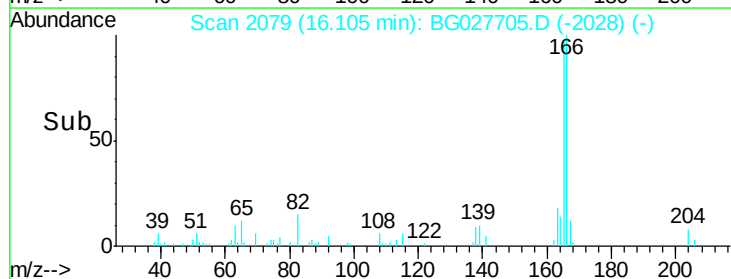
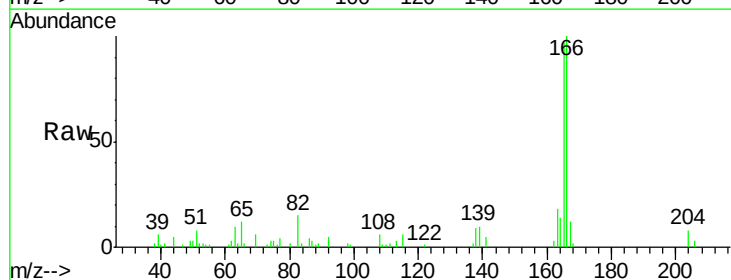
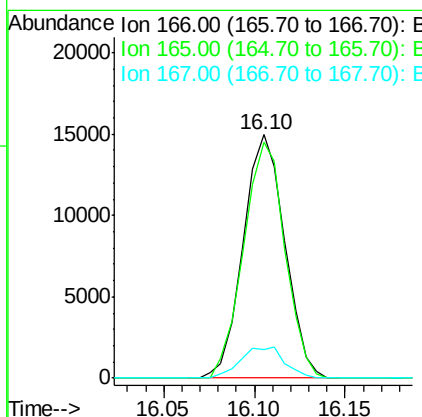
RT: 16.10 min Scan# 2079

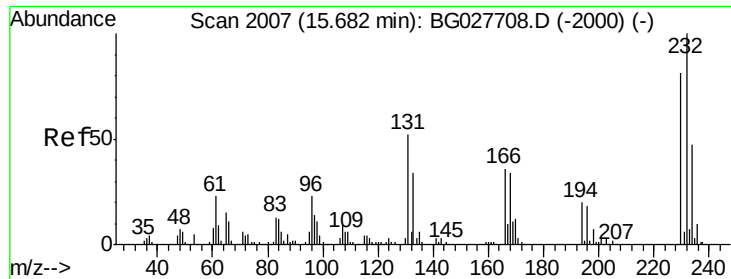
Delta R.T. 0.00 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Tgt Ion:	166	Resp:	23882
Ion Ratio	Lower	Upper	
166	100		
165	96.9	78.6	117.8
167	11.7	11.6	17.4





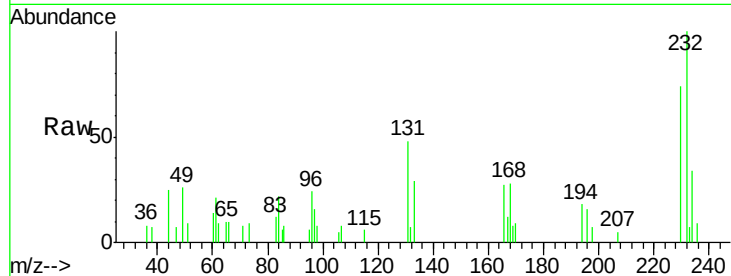
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.093 ng
 RT: 15.68 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.8	34.9	52.3#
130	0.0	2.3	3.5#
166	31.9	24.2	36.4

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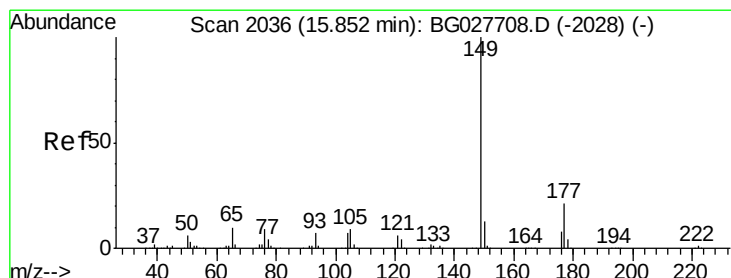
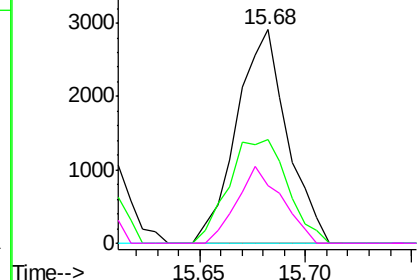
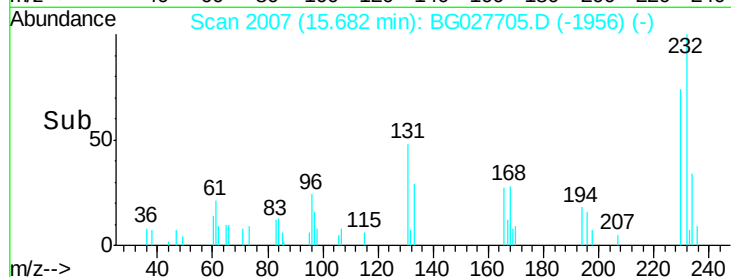


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

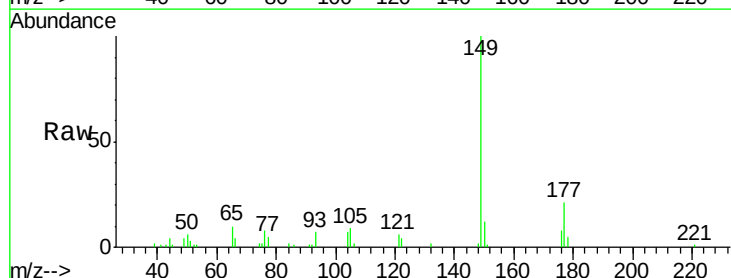
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 2.497 ng
 RT: 15.85 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

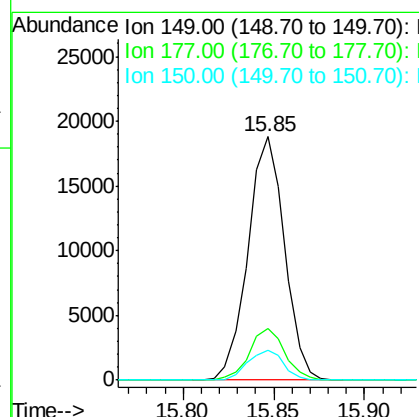
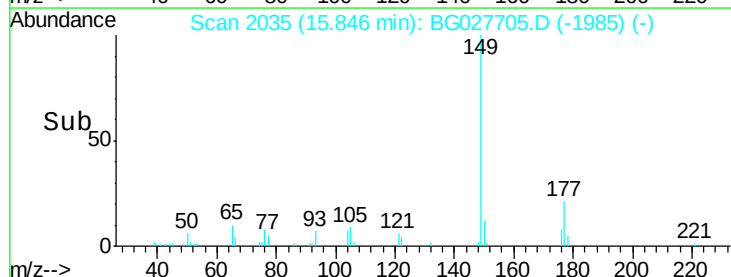
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	20.1	30.1
150	12.3	10.2	15.2

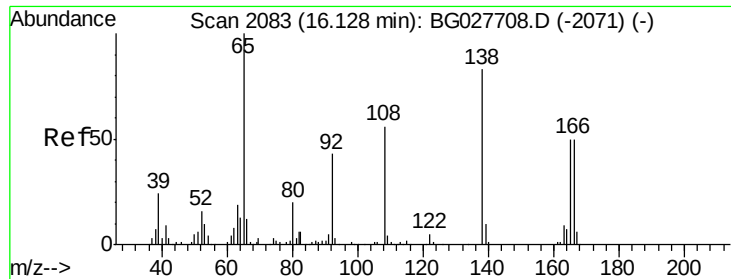


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





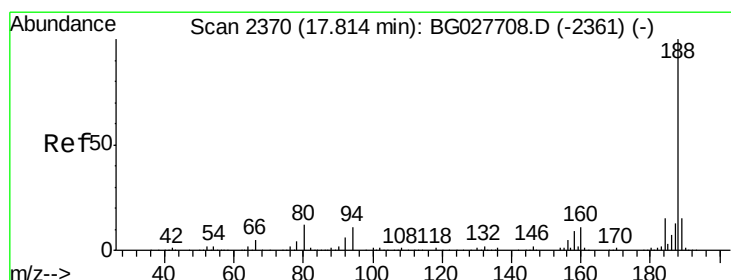
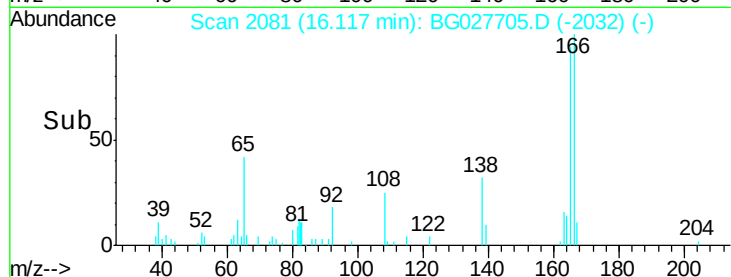
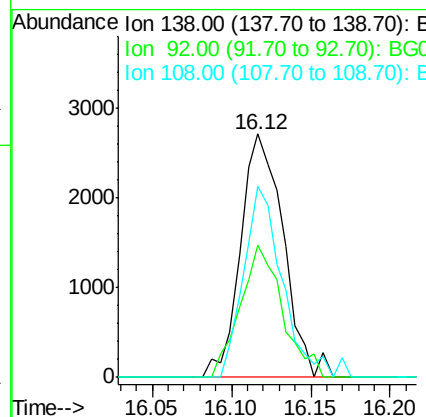
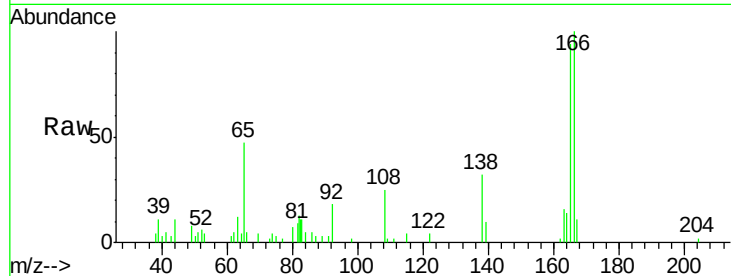
#61
 4-Nitroaniline
 Concen: 2.100 ng
 RT: 16.12 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	44.2	84.2
108	78.5	104.8	144.8#

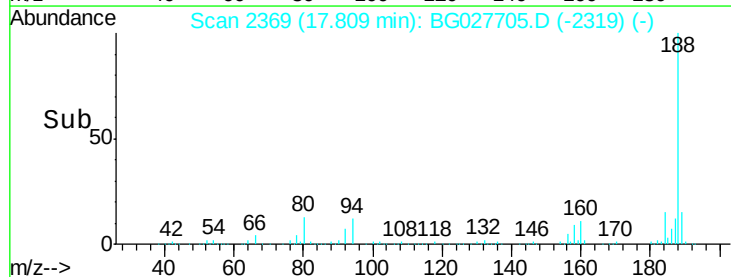
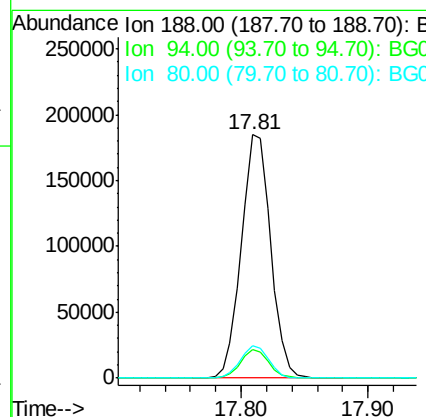
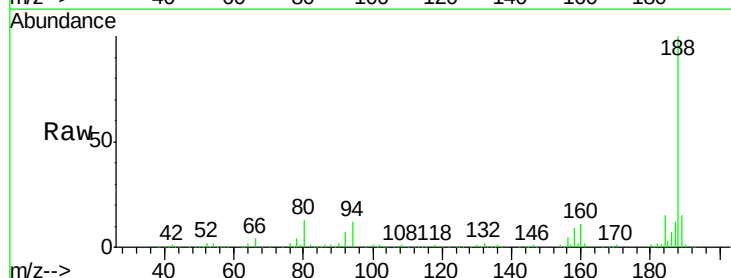
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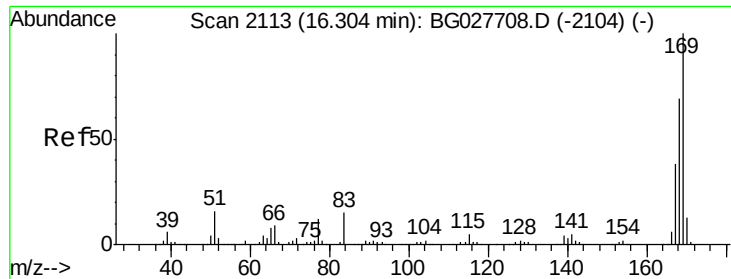
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.81 min Scan# 2369
 Delta R.T. -0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	5.8	8.8#
80	13.2	7.5	11.3#





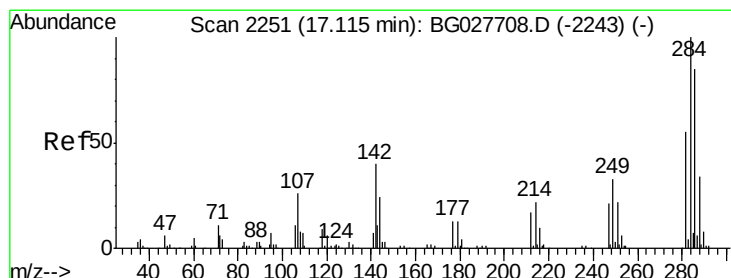
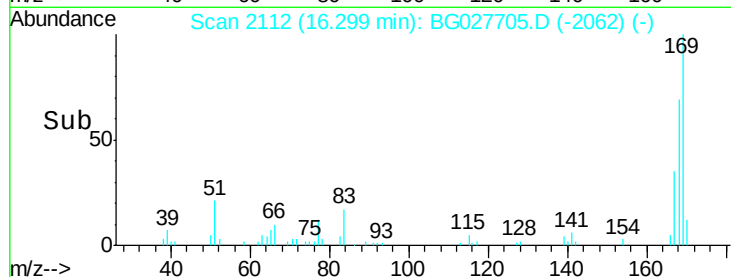
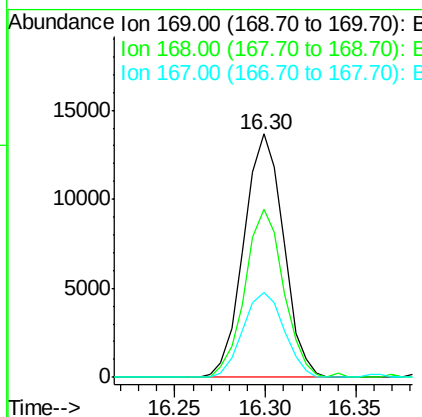
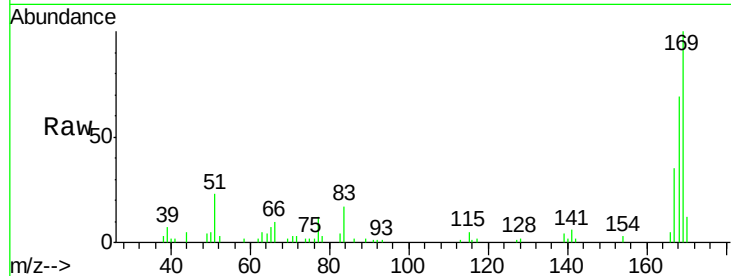
#65
n-Nitrosodiphenylamine
Concen: 2.295 ng
RT: 16.30 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.9	55.7	83.5
167	34.6	29.8	44.6

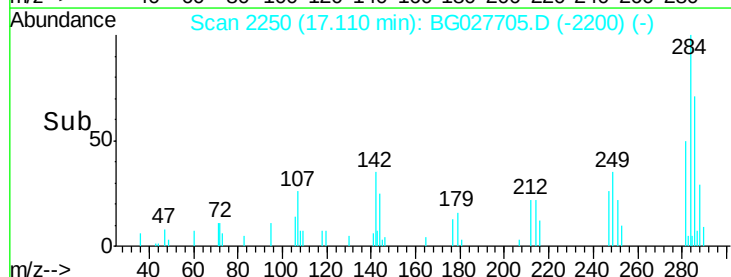
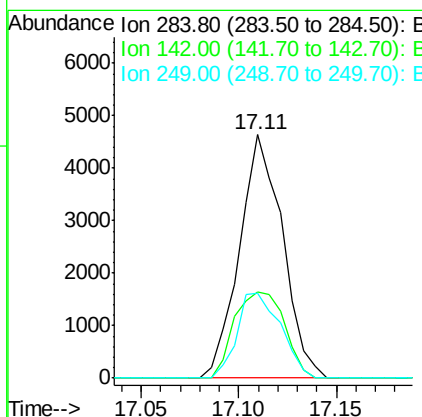
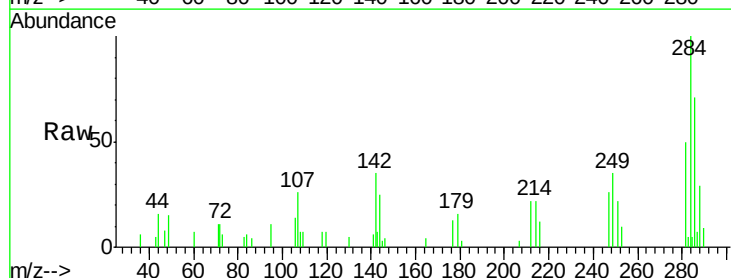
Manual Integrations
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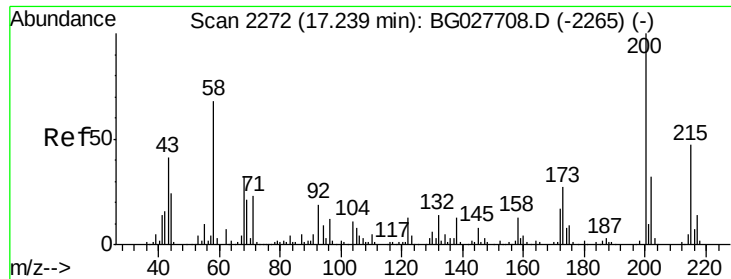
mohammad
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#67
Hexachlorobenzene
Concen: 2.039 ng
RT: 17.11 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	29.9	44.9
249	35.0	29.2	43.8





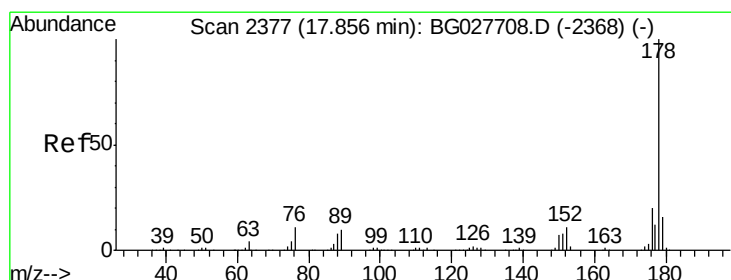
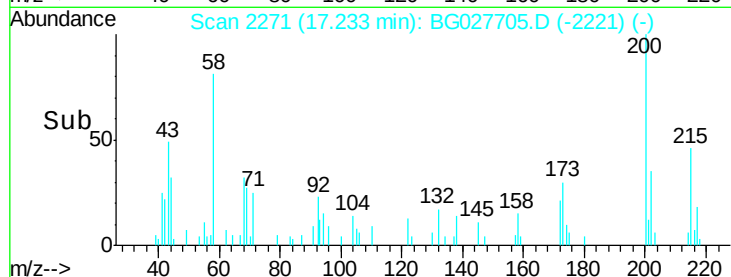
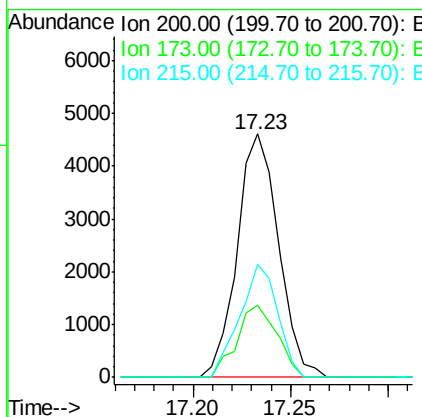
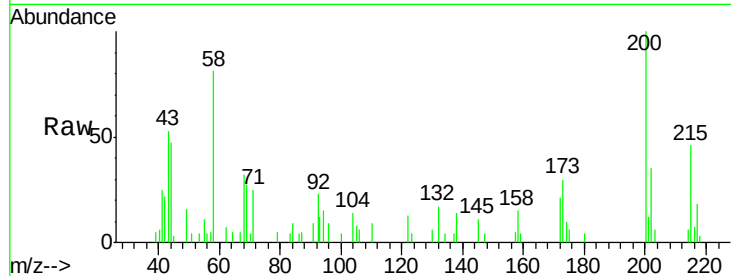
#68
 Atrazine
 Concen: 2.027 ng
 RT: 17.23 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	6736		
173	29.6	3.0	43.0	
215	46.2	28.4	68.4	

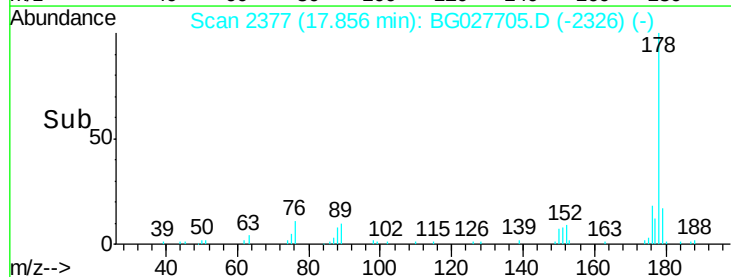
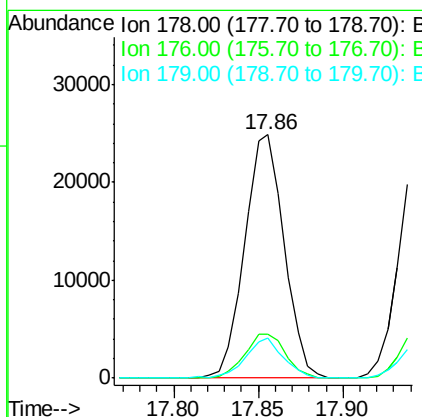
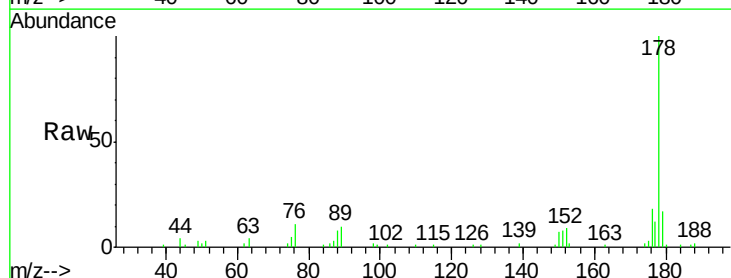
Manual Integrations
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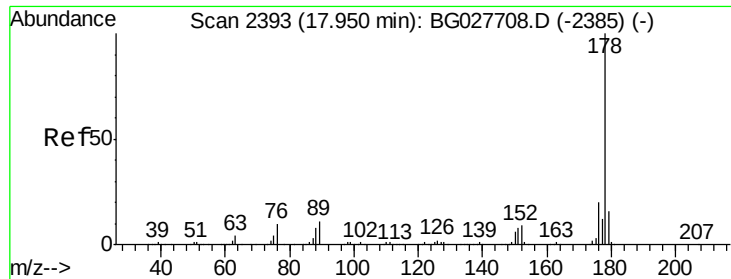
mohammad
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#70
 Phenanthrene
 Concen: 2.396 ng
 RT: 17.86 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	40317		
176	18.2	17.7	26.5	
179	16.7	15.0	22.6	





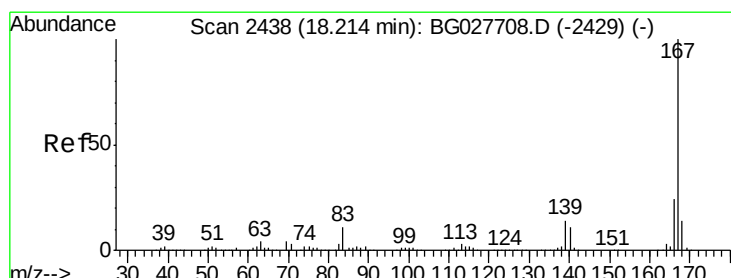
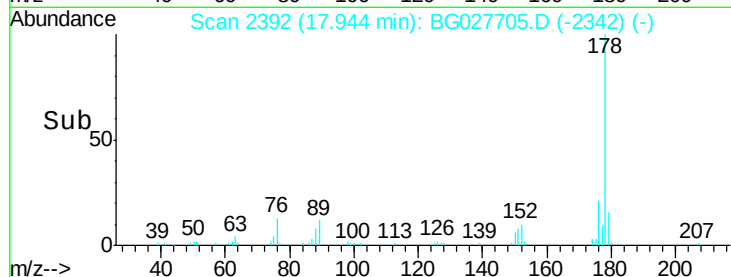
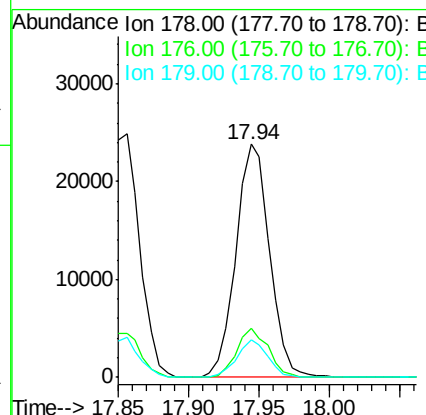
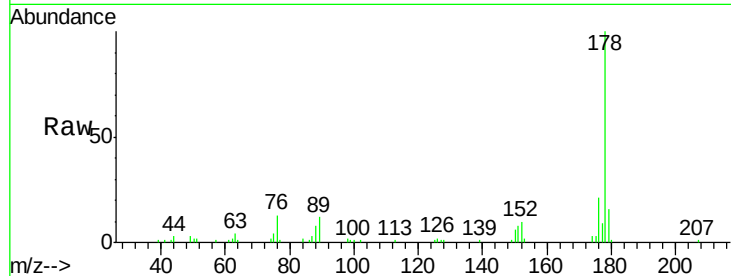
#71
 Anthracene
 Concen: 2.335 ng
 RT: 17.94 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.4	13.8	20.8

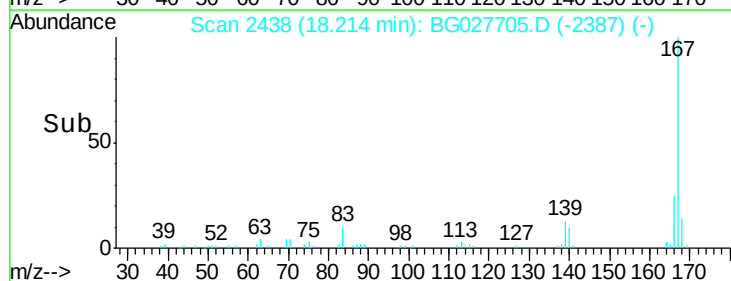
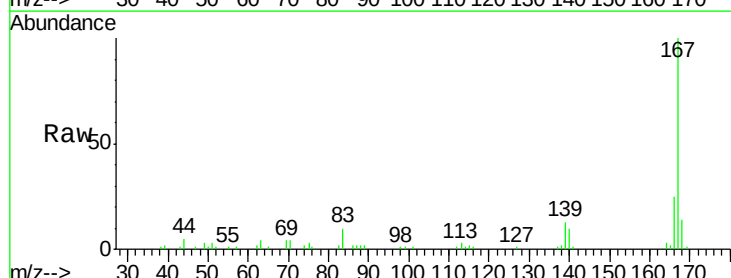
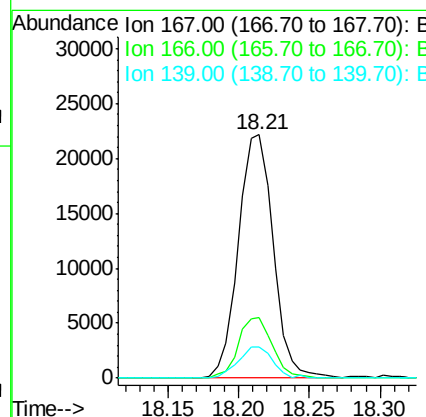
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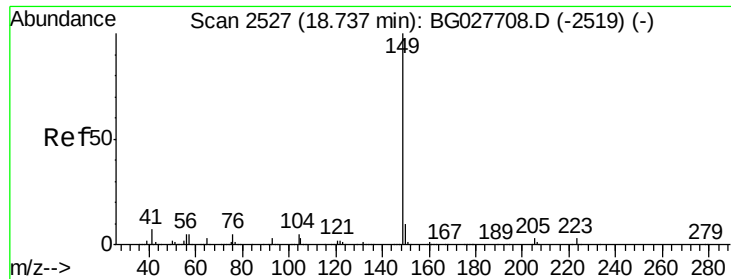
mohammad
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#72
 Carbazole
 Concen: 2.324 ng
 RT: 18.21 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.0	20.2	30.2
139	12.9	12.8	19.2





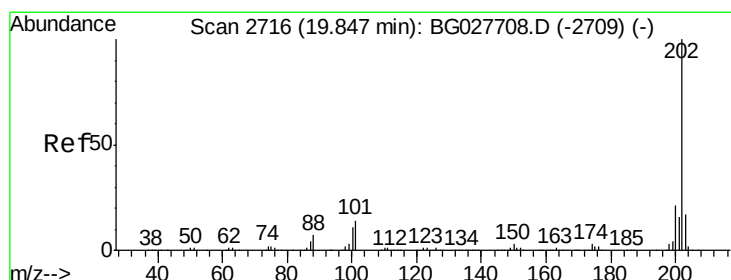
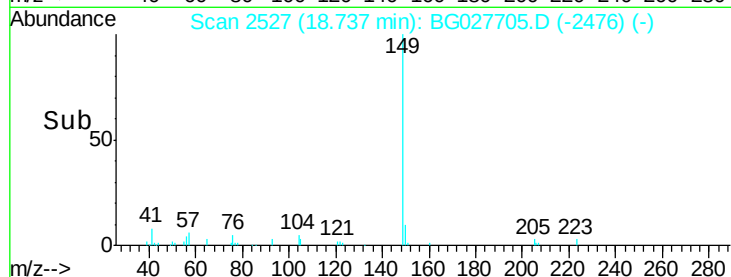
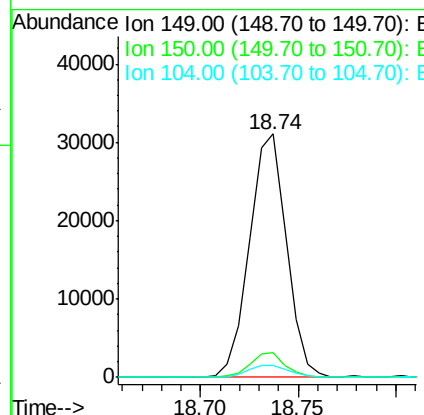
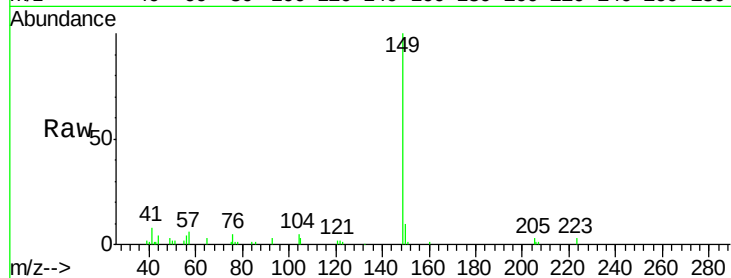
#73
Di-n-butylphthalate
Concen: 2.202 ng
RT: 18.74 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	40738		
150	10.1	9.1	13.7	
104	5.1	6.7	10.1	

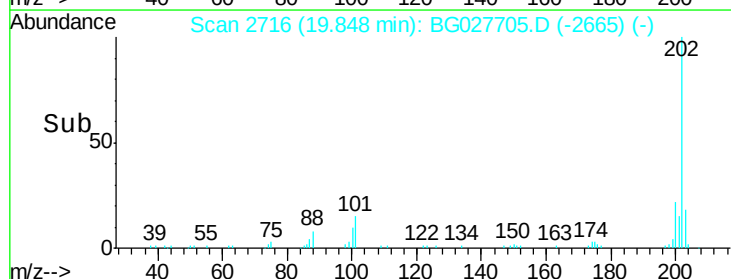
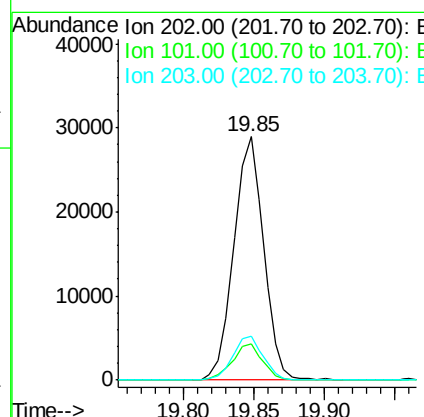
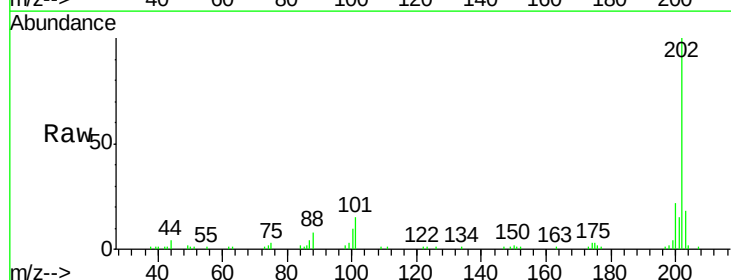
Manual Integrations
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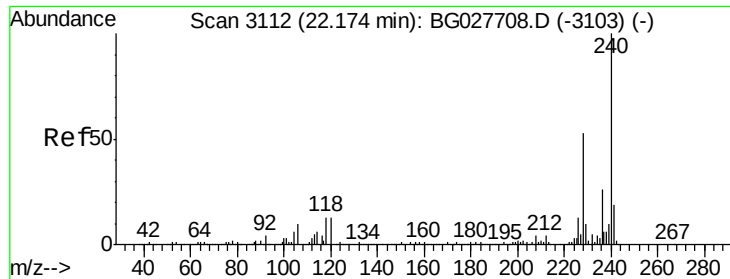
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#74
Fluoranthene
Concen: 2.169 ng
RT: 19.85 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	42532		
101	14.8	0.0	30.1	
203	18.1	1.3	41.3	





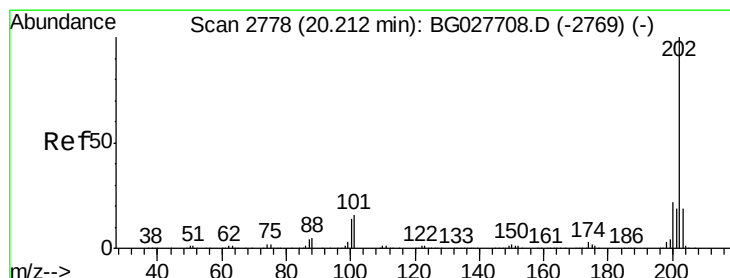
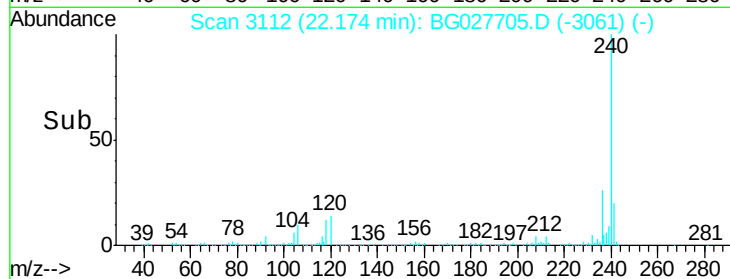
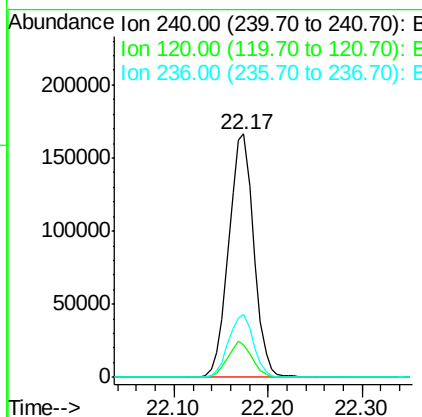
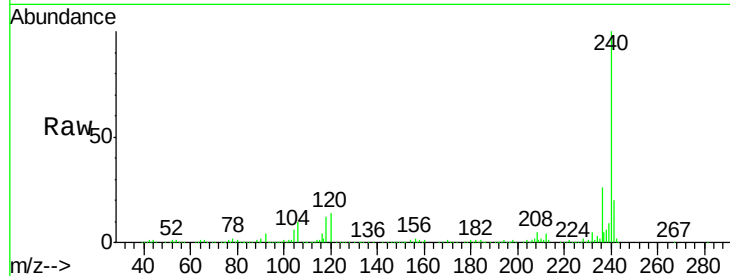
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.17 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 240 Resp: 307972
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.7 8.5#
 236 26.0 22.2 33.4

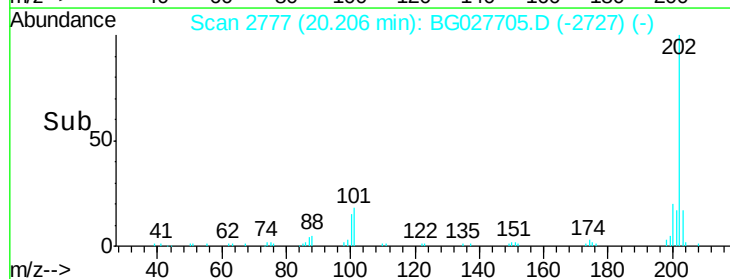
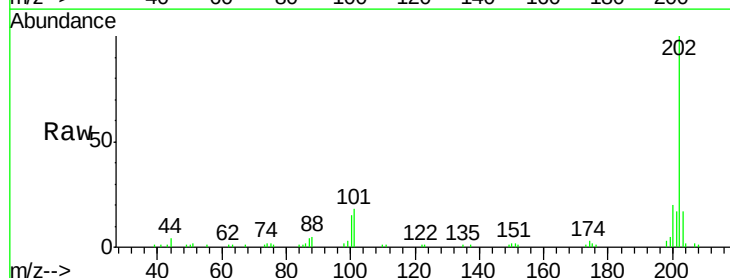
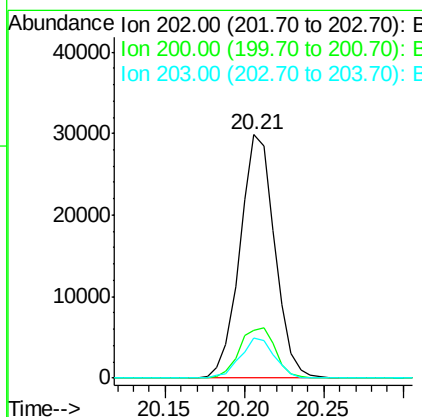
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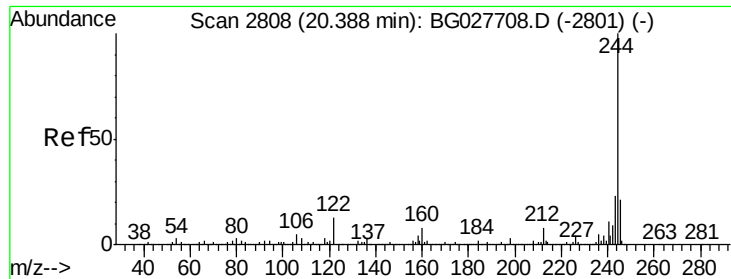
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#77
 Pyrene
 Concen: 2.425 ng
 RT: 20.21 min Scan# 2777
 Delta R.T. -0.01 min
 Lab File: BG027705.D
 Acq: 28 Jun 2017 12:16

Tgt Ion: 202 Resp: 45395
 Ion Ratio Lower Upper
 202 100
 200 19.8 19.6 29.4
 203 16.7 15.8 23.8





#78

Terphenyl-d14

Concen: 4.541 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Instrument :

BNA_G

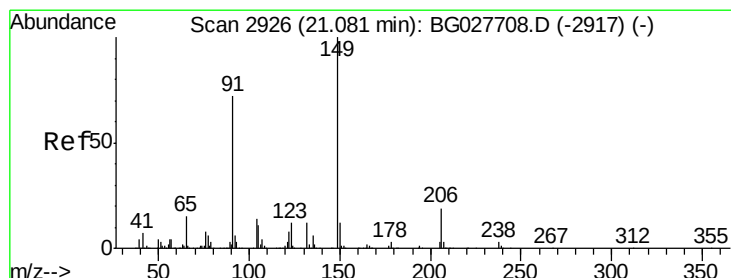
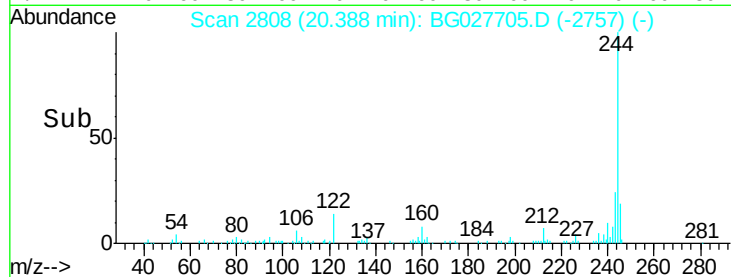
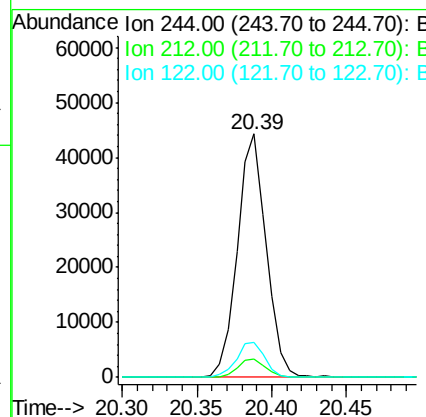
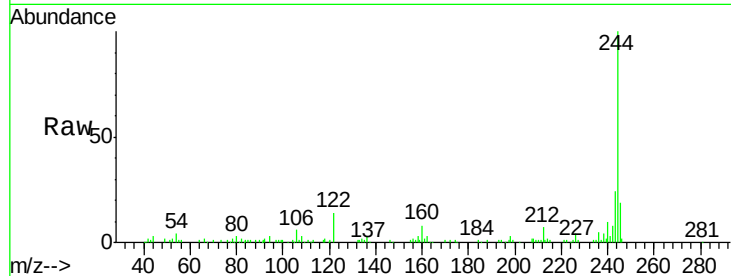
ClientSampleId :

SSTDICC2.5

Tgt Ion:	244	Resp:	59353
Ion Ratio		Lower	Upper
244	100		
212	7.3	10.0	15.0#
122	14.1	8.6	12.8#

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 2.568 ng

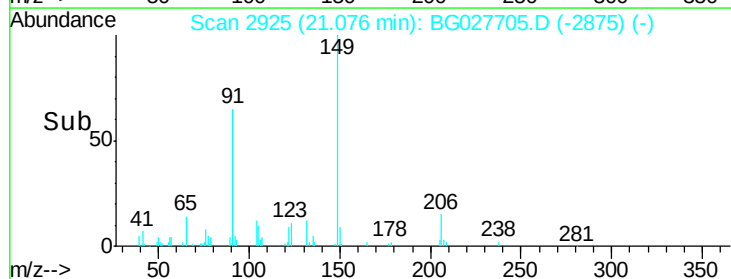
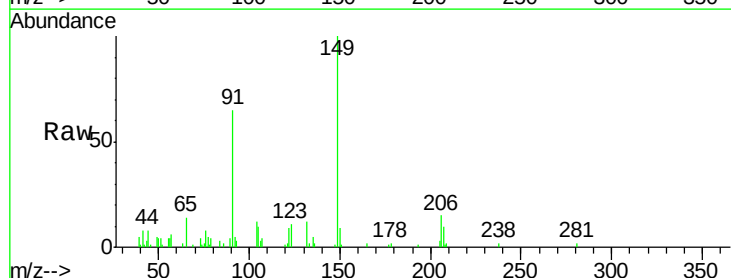
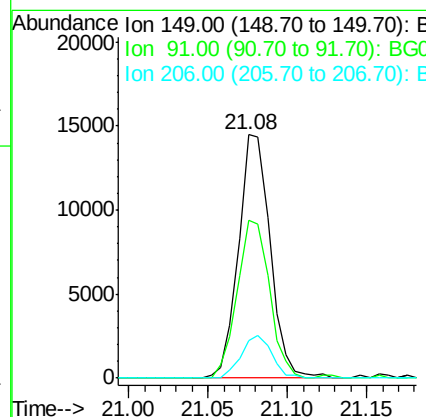
RT: 21.08 min Scan# 2925

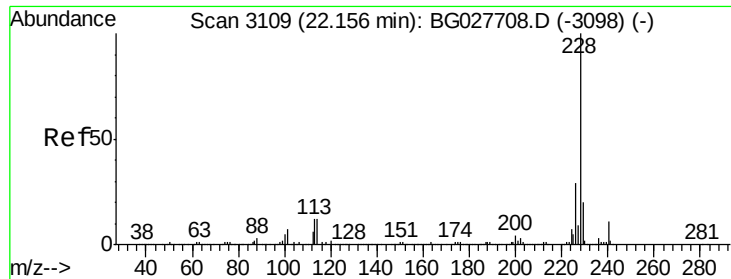
Delta R.T. -0.01 min

Lab File: BG027705.D

Acq: 28 Jun 2017 12:16

Tgt Ion:	149	Resp:	20065
Ion Ratio		Lower	Upper
149	100		
91	64.6	63.5	95.3
206	15.4	21.0	31.6#





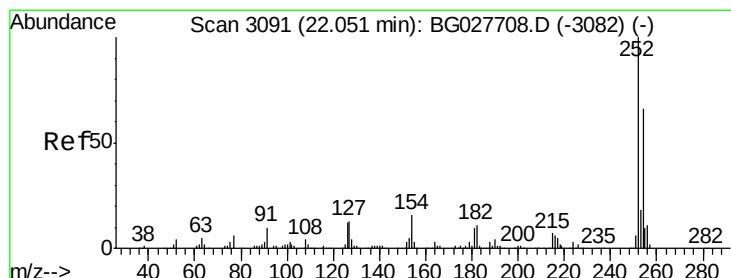
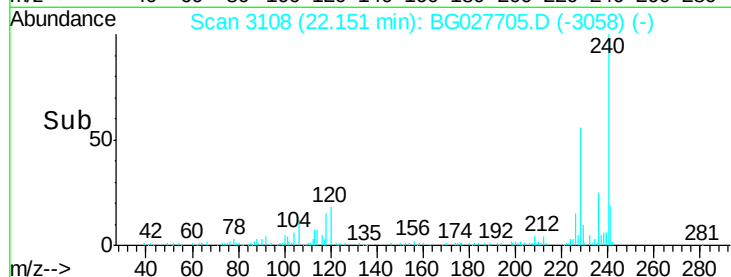
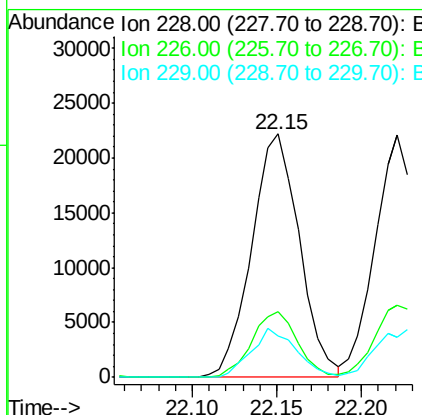
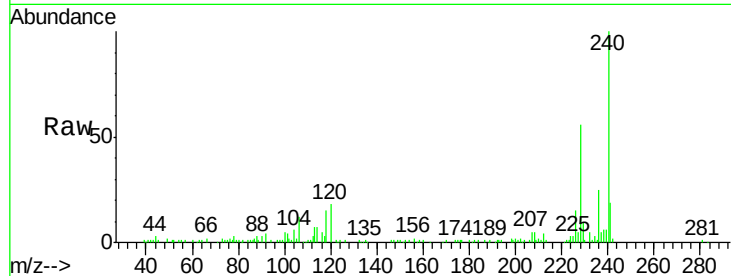
#80
Benzo(a)anthracene
Concen: 2.364 ng
RT: 22.15 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.9	37.3
229	17.2	18.2	27.2#

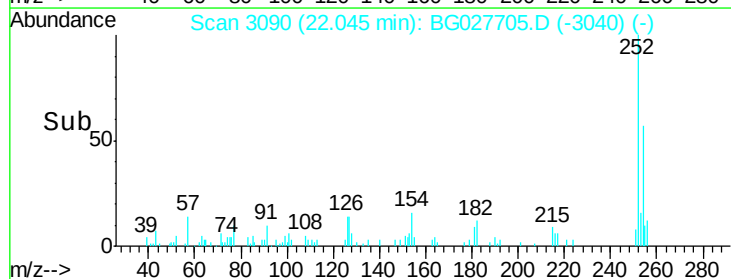
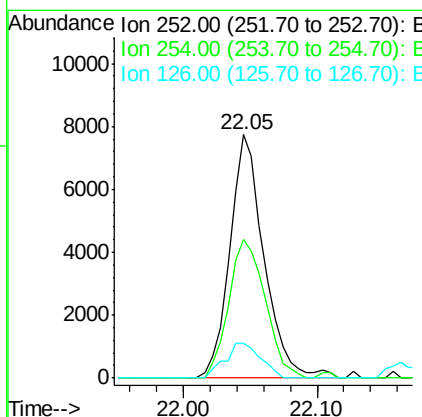
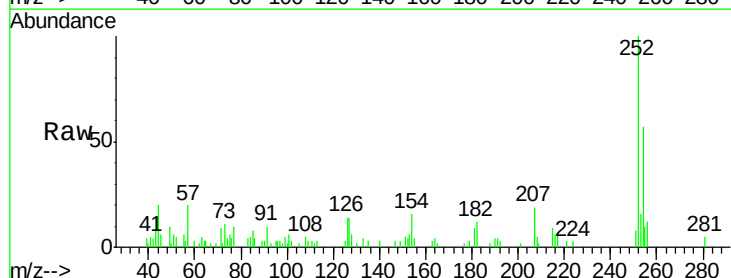
Manual Integrations
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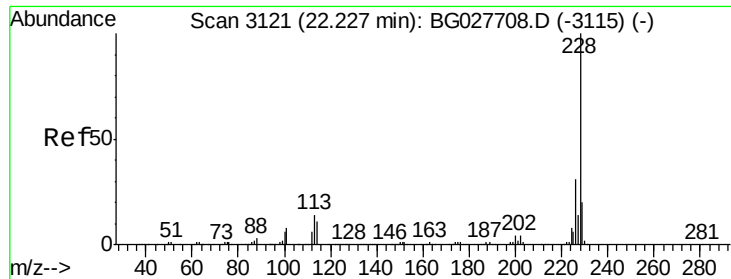
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#81
3,3'-Dichlorobenzidine
Concen: 2.065 ng
RT: 22.05 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	57.1	53.1	79.7
126	14.5	7.0	10.4#





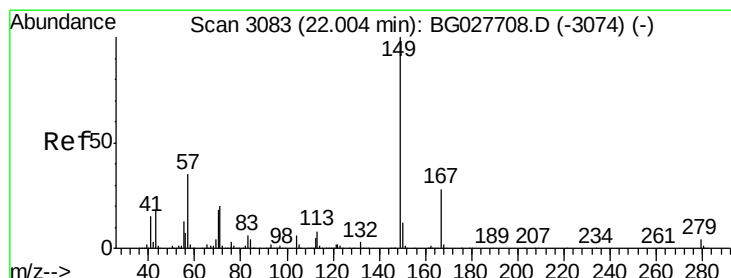
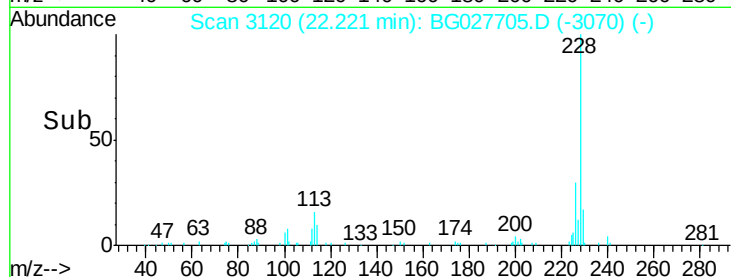
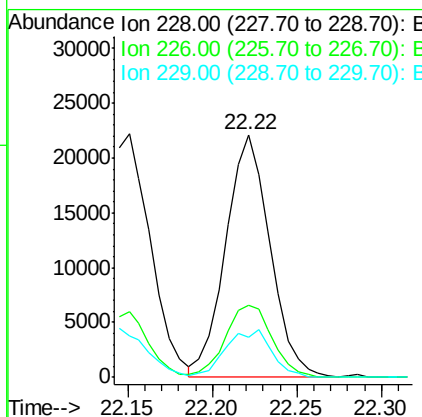
#82
Chrysene
Concen: 2.305 ng
RT: 22.22 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	40364		
226	29.7	27.0	40.4	
229	16.6	17.8	26.6	

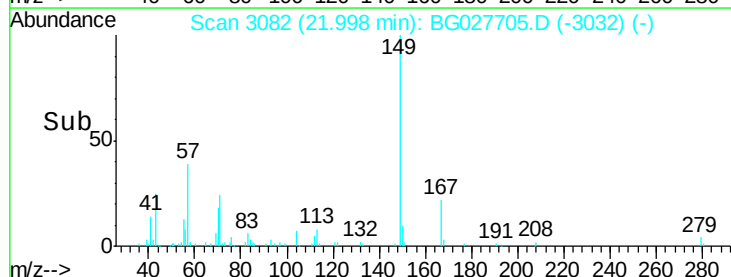
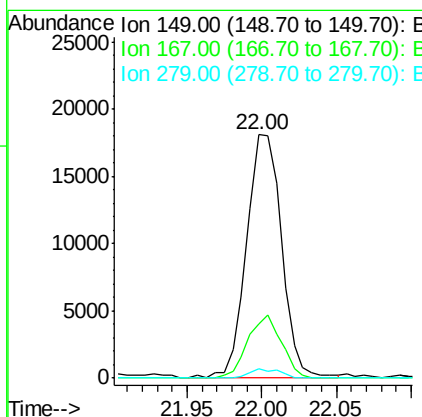
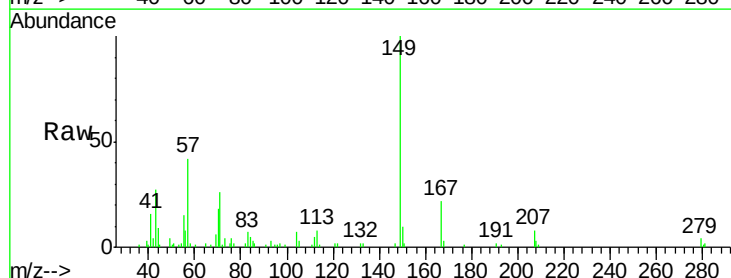
Manual Integrations
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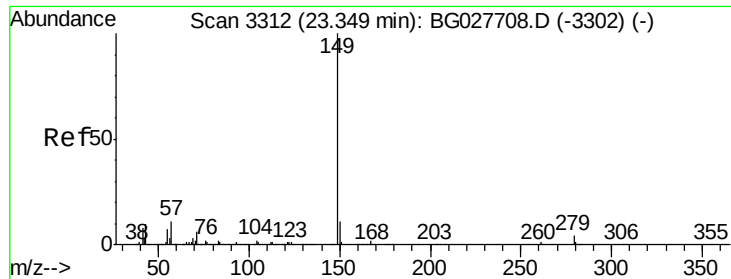
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.566 ng
RT: 22.00 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	29392		
167	22.2	23.7	35.5	
279	4.1	4.6	6.8	





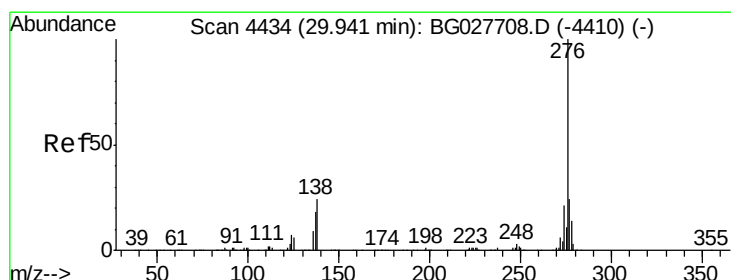
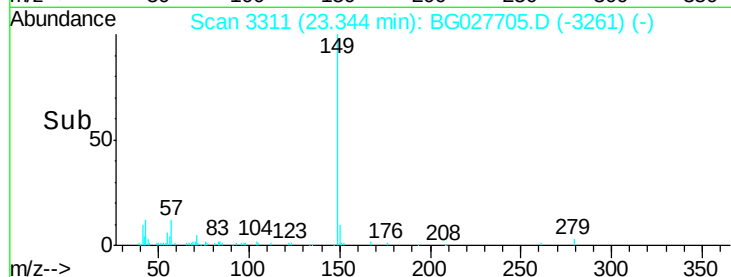
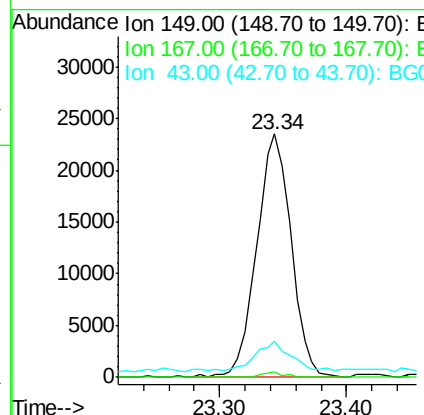
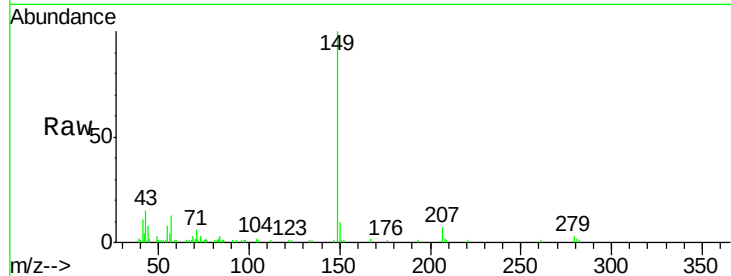
#84
Di-n-octyl phthalate
Concen: 2.340 ng
RT: 23.34 min Scan# 3311
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	44579		
167	1.2		1.4	2.2#
43	12.4		11.8	17.6

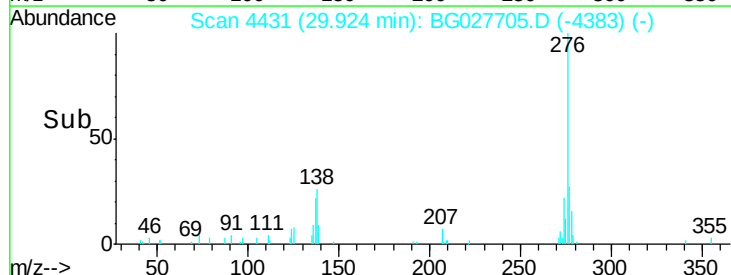
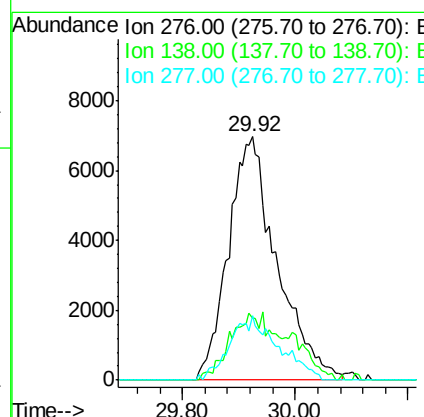
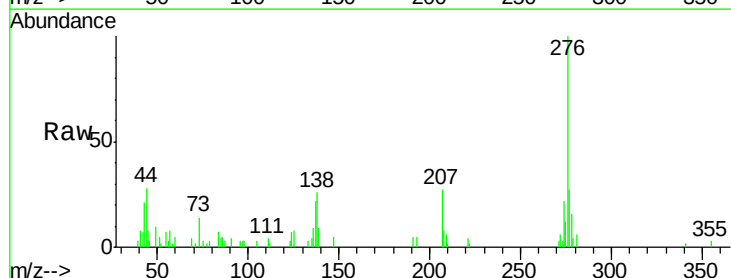
Manual Integrations
APPROVED

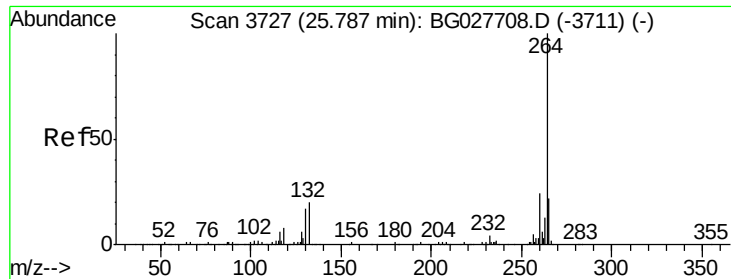
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.081 ng
RT: 29.92 min Scan# 4431
Delta R.T. -0.02 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	41521		
138	24.5		4.7	7.1#
277	0.0		20.6	31.0#





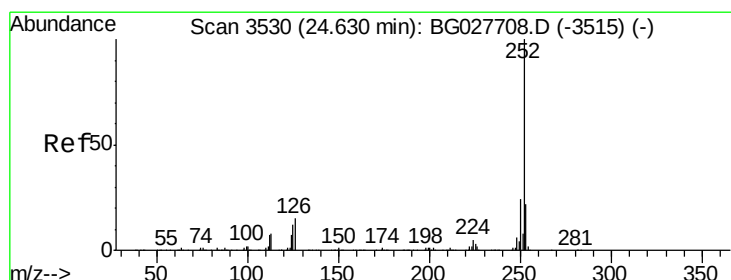
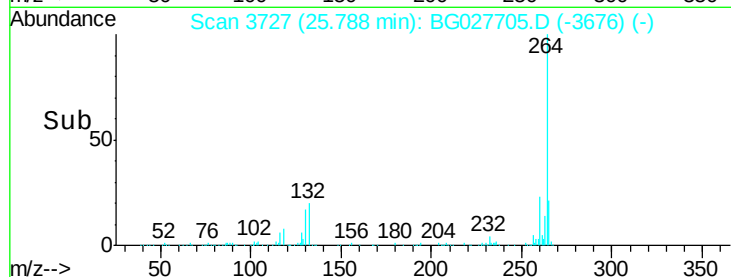
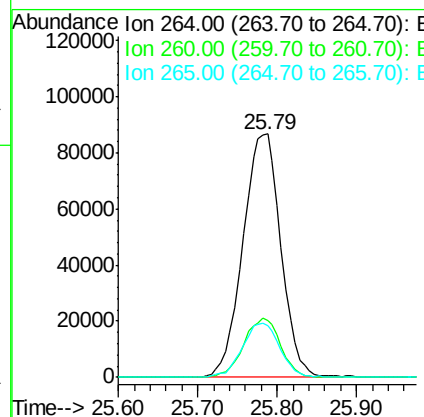
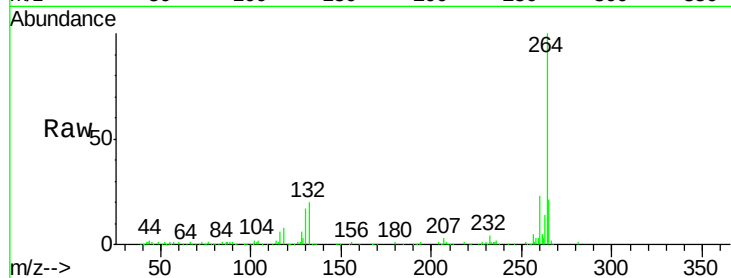
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.79 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	21.8	32.8
265	21.0	18.2	27.4

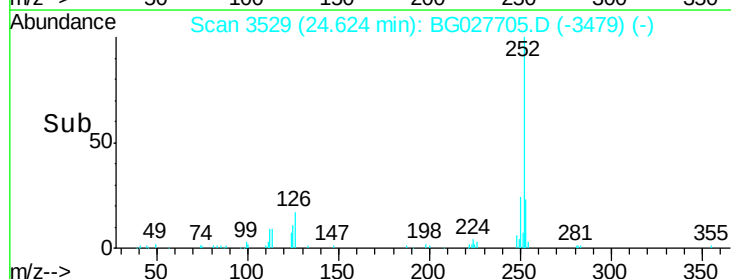
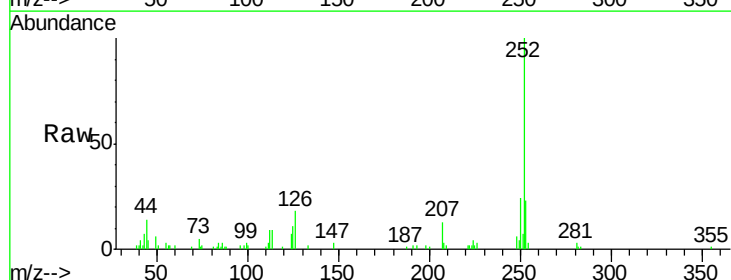
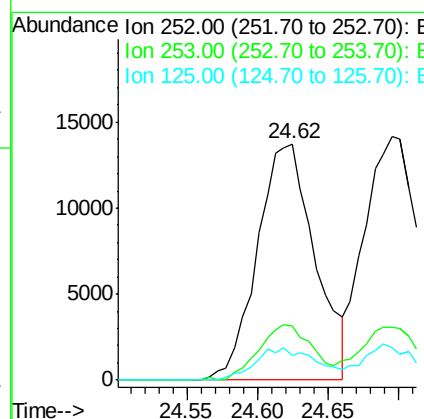
Manual Integrations
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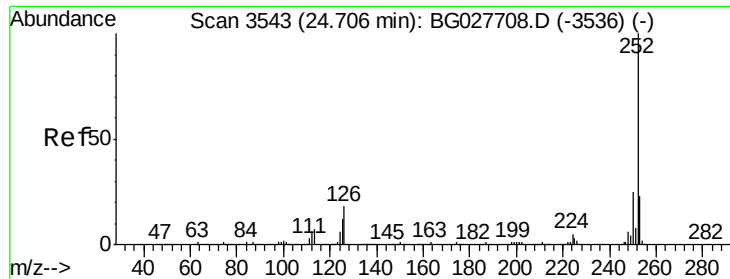
mohammad
6/29/2017 4:48:09 PM



#87
Benzo(b)fluoranthene
Concen: 2.124 ng
RT: 24.62 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.7	18.7	28.1
125	10.6	5.3	7.9





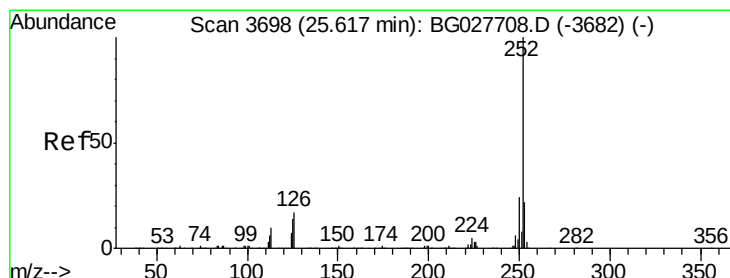
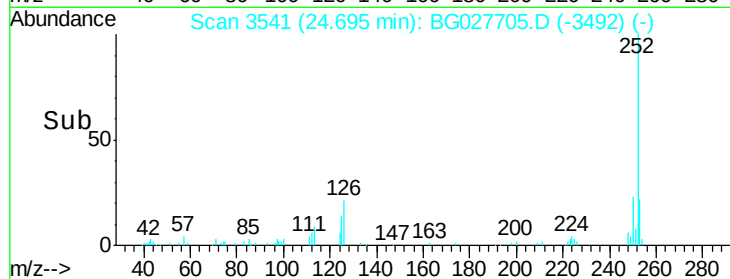
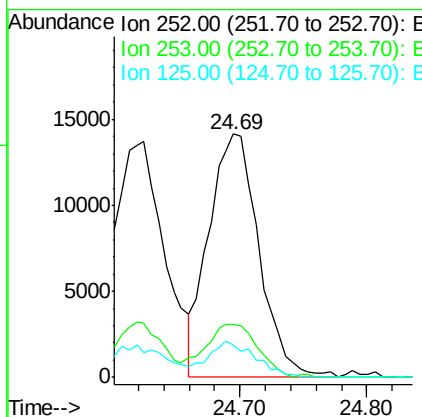
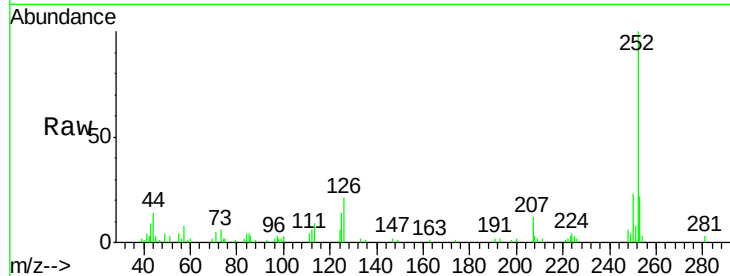
#88
Benzo(k)fluoranthene
Concen: 2.147 ng
RT: 24.69 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	20.2	30.2
125	13.5	5.1	7.7#

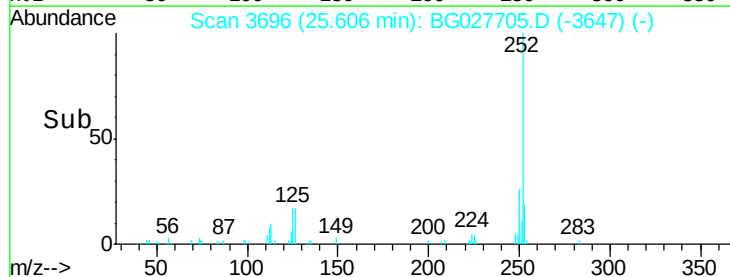
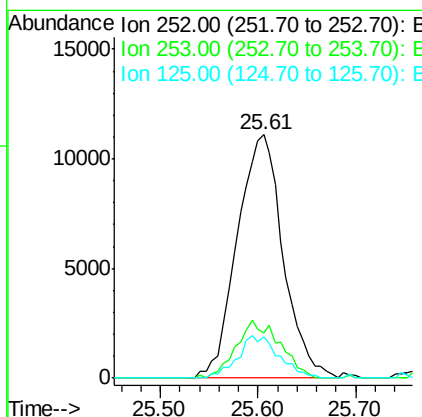
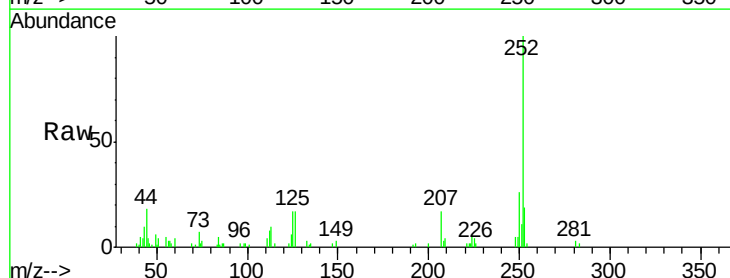
Manual Integrations
APPROVED

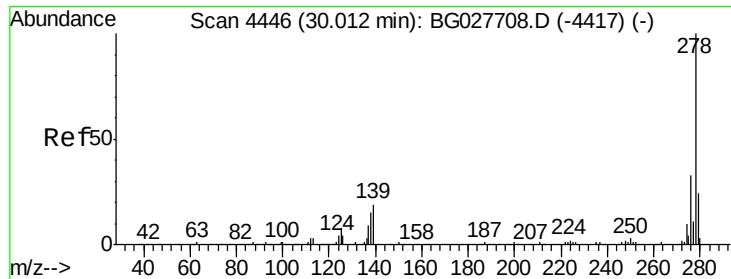
mohammad
6/29/2017 4:48:09 PM



#89
Benzo(a)pyrene
Concen: 2.085 ng
RT: 25.61 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	18.5	19.2	28.8#
125	16.9	5.4	8.0#





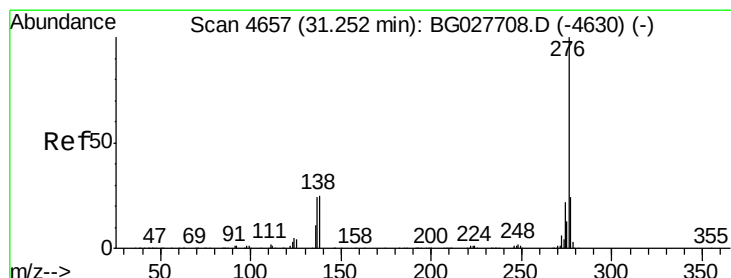
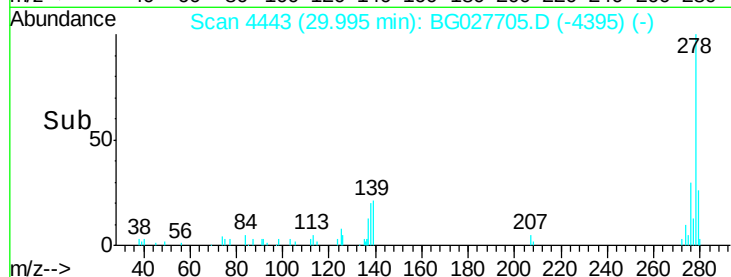
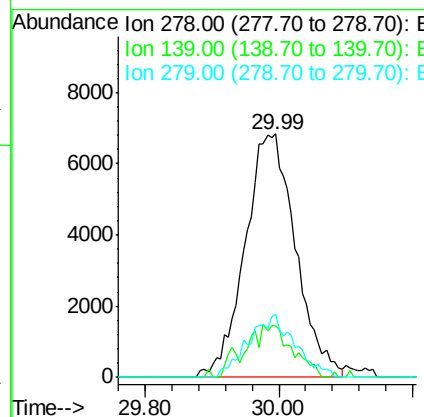
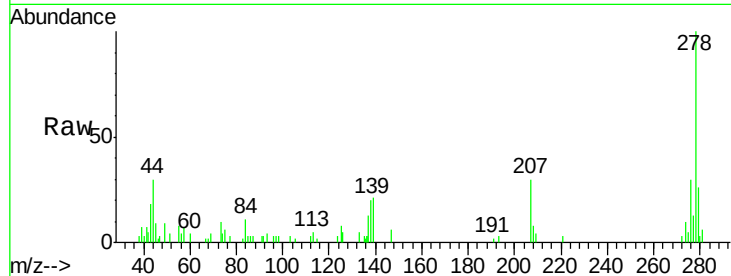
#90
Dibenzo(a,h)anthracene
Concen: 2.021 ng
RT: 29.99 min Scan# 4443
Delta R.T. -0.02 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	7.7	11.5#
279	25.7	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/29/2017 4:48:09 PM



#91
Benzo(g,h,i)perylene
Concen: 2.109 ng
RT: 31.22 min Scan# 4651
Delta R.T. -0.03 min
Lab File: BG027705.D
Acq: 28 Jun 2017 12:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.1	18.6	27.8#
138	27.5	8.1	12.1#

