

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022921.D
 Acq On : 8 Jul 2016 8:05
 Operator : UM/SJ
 Sample : H3900-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

Manual Integrations

sohil
 7/8/2016 7:23:27 PM

Quant Time: Jul 08 17:40:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	101747	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	458217	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	357105	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	903364	20.00	ng	0.00
75) Chrysene-d12	21.84	240	980281	20.00	ng	0.00
86) Perylene-d12	25.19	264	1001936	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	725033	116.54	ng	0.00
7) Phenol-d6	7.31	99	1171960	120.28	ng	0.00
23) Nitrobenzene-d5	9.32	82	823781	76.98	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	685080	106.74	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1696758	74.84	ng	0.00
78) Terphenyl-d14	20.15	244	2519516	79.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	63559	26.28	ng	97
3) Pyridine	3.97	79	175451	21.20	ng	# 92
4) n-Nitrosodimethylamine	3.88	42	101236	28.52	ng	# 89
6) Aniline	7.47	93	352383	26.10	ng	94
8) 2-Chlorophenol	7.71	128	215458	32.54	ng	97
9) Benzaldehyde	7.29	77	182916	28.09	ng	94
10) Phenol	7.33	94	333510	33.27	ng	91
11) bis(2-Chloroethyl)ether	7.56	93	224713	28.28	ng	94
12) 1,3-Dichlorobenzene	8.04	146	213011	26.28	ng	97
13) 1,4-Dichlorobenzene	8.19	146	220852	27.22	ng	92
14) 1,2-Dichlorobenzene	8.51	146	216964	26.90	ng	91
15) Benzyl Alcohol	8.39	79	297895	33.38	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	262791	27.07	ng	98
17) 2-Methylphenol	8.60	107	213021	32.64	ng	96
18) Hexachloroethane	9.24	117	90751	26.50	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	245608	27.96	ng	93
20) 3+4-Methylphenols	8.92	107	306242	33.65	ng	95
22) Acetophenone	8.98	105	397216	28.88	ng	# 96
24) Nitrobenzene	9.37	77	346298	30.45	ng	95
25) Isophorone	9.89	82	654385	30.40	ng	98
26) 2-Nitrophenol	10.09	139	138041	30.94	ng	93
27) 2,4-Dimethylphenol	10.14	122	233806	30.31	ng	87
28) bis(2-Chloroethoxy)methane	10.37	93	353954	29.49	ng	99
29) 2,4-Dichlorophenol	10.62	162	272453	33.12	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	269925	28.64	ng	98
31) Naphthalene	11.03	128	691608	29.65	ng	99
32) Benzoic acid	10.22	122	73083	10.42	ng	94
33) 4-Chloroaniline	11.14	127	272396	23.88	ng	96
34) Hexachlorobutadiene	11.31	225	202631	26.52	ng	91
35) Caprolactam	11.95	113	98927m	29.23	ng	
36) 4-Chloro-3-methylphenol	12.26	107	348742	31.00	ng	95
37) 2-Methylnaphthalene	12.63	142	549723	29.82	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	368189	23.93	ng	99
40) Hexachlorocyclopentadiene	12.97	237	638033	72.02	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	276765	31.29	nq	99
43) 2,4,5-Trichlorophenol	13.31	196	288620	31.78	nq	91
45) 1,1'-Biphenyl	13.63	154	796922	29.74	nq	99
46) 2-Chloronaphthalene	13.68	162	644417	29.65	nq	96
47) 2-Nitroaniline	13.88	65	280200	30.21	nq	100
48) Acenaphthylene	14.52	152	988311	30.31	nq	98
49) Dimethylphthalate	14.24	163	1223766	41.95	nq	98
50) 2,6-Dinitrotoluene	14.37	165	205699	31.38	nq	86
51) Acenaphthene	14.86	154	649679	30.49	nq	96
52) 3-Nitroaniline	14.70	138	176453	26.99	nq	95
53) 2,4-Dinitrophenol	14.91	184	292066	64.93	nq	95
54) Dibenzofuran	15.19	168	1050984	32.95	nq	98
55) 4-Nitrophenol	15.02	139	410574	74.93	nq	97
56) 2,4-Dinitrotoluene	15.15	165	298381	31.22	nq	94
57) Fluorene	15.85	166	834298	30.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	304701	33.53	nq	# 98
59) Diethylphthalate	15.61	149	931230	31.38	nq	99
60) 4-Chlorophenyl-phenylether	15.83	204	487456	29.16	nq	97
61) 4-Nitroaniline	15.87	138	193194	27.31	nq	91
62) Azobenzene	16.13	77	963306	33.93	nq	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	193017	28.75	nq	98
65) n-Nitrosodiphenylamine	16.05	169	787183	30.25	nq	97
66) 4-Bromophenyl-phenylether	16.73	248	334346	28.45	nq	97
67) Hexachlorobenzene	16.85	284	354957	27.78	nq	96
68) Atrazine	17.00	200	342937	29.71	nq	97
69) Pentachlorophenol	17.20	266	607755	73.44	nq	99
70) Phenanthrene	17.60	178	1397557	31.57	nq	98
71) Anthracene	17.68	178	1404507	31.33	nq	99
72) Carbazole	17.96	167	1221718	31.54	nq	98
73) Di-n-butylphthalate	18.50	149	1423764	33.05	nq	99
74) Fluoranthene	19.60	202	1655308	30.47	nq	97
76) Benzidine	19.78	184	1334368	47.48	nq	99
77) Pyrene	19.96	202	1653493	30.02	nq	97
79) Butylbenzylphthalate	20.83	149	666659	30.55	nq	98
80) Benzo(a)anthracene	21.82	228	1717215	31.31	nq	96
81) 3,3'-Dichlorobenzidine	21.73	252	518549	21.54	nq	# 93
82) Chrysene	21.89	228	1613526	31.36	nq	97
83) Bis(2-ethylhexyl)phthalate	21.70	149	934755	30.85	nq	99
84) Di-n-octyl phthalate	22.96	149	1576427	31.20	nq	97
85) Indeno(1,2,3-cd)pyrene	29.02	276	1998987	30.47	nq	# 100
87) Benzo(b)fluoranthene	24.12	252	1823736	31.55	nq	97
88) Benzo(k)fluoranthene	24.20	252	1717584	31.31	nq	# 98
89) Benzo(a)pyrene	25.04	252	1755846	31.69	nq	100
90) Dibenzo(a,h)anthracene	29.10	278	1657663	30.14	nq	# 94
91) Benzo(g,h,i)perylene	30.23	276	1674126	30.40	nq	99

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

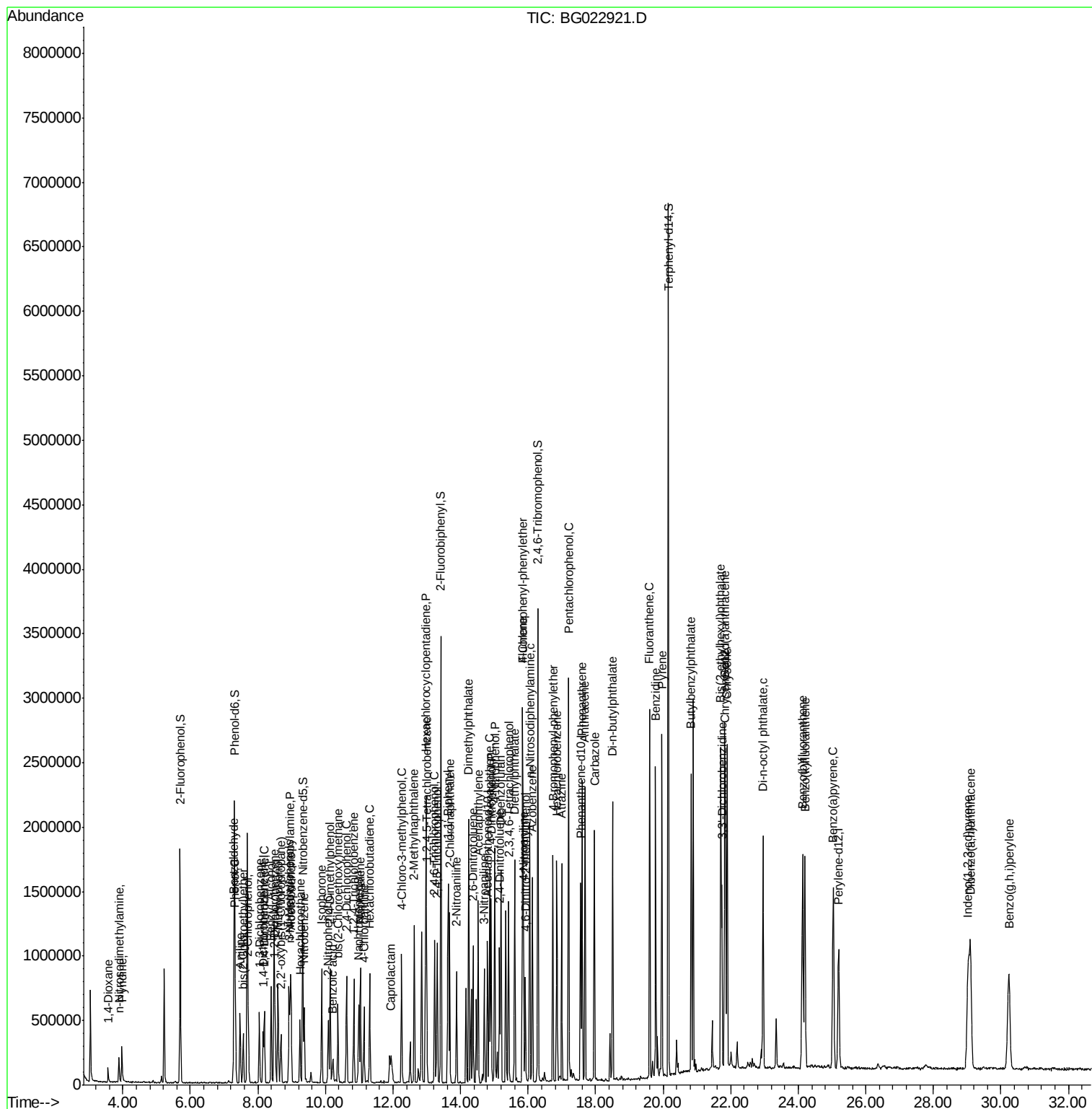
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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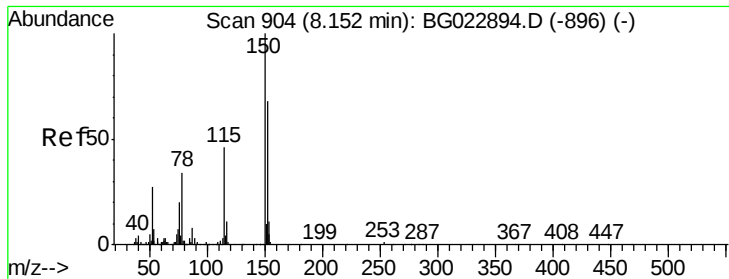
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

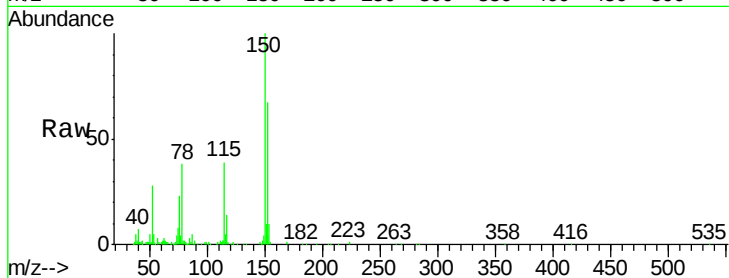
B-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	144.7	217.1
115	59.2	64.0	96.0

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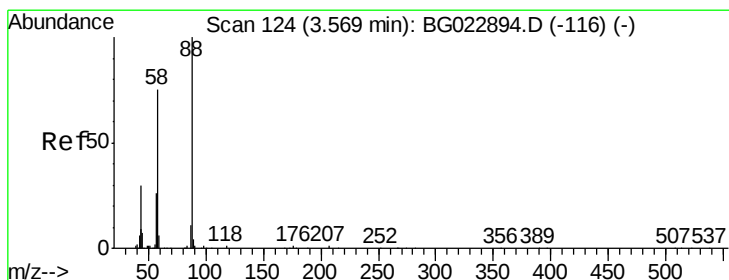
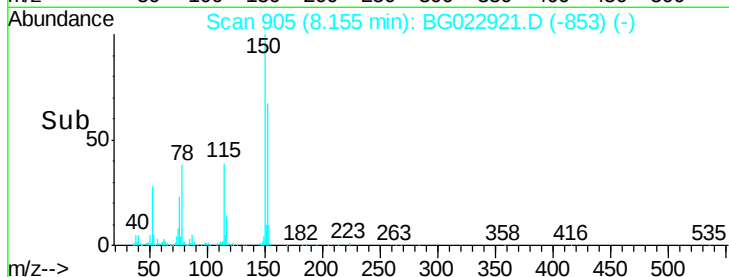
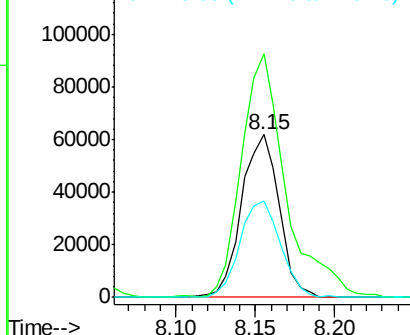


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.28 ng

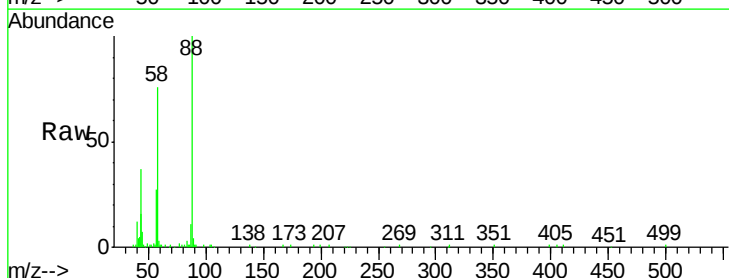
RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	60.4	90.6
43	35.2	31.1	46.7

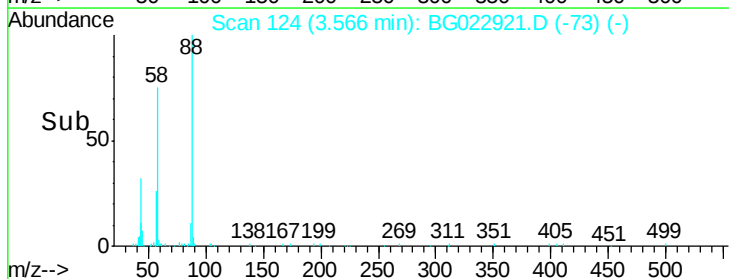
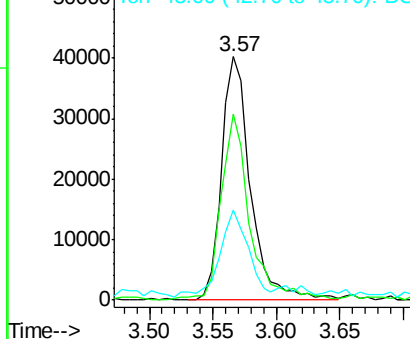


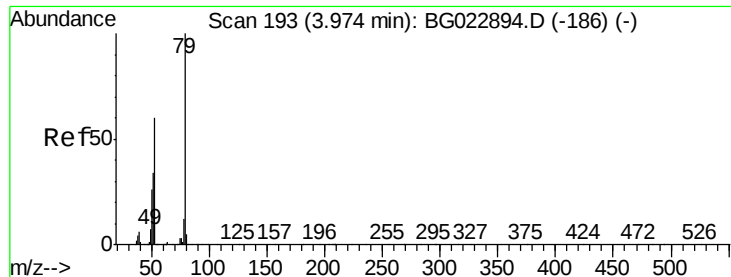
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 21.20 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

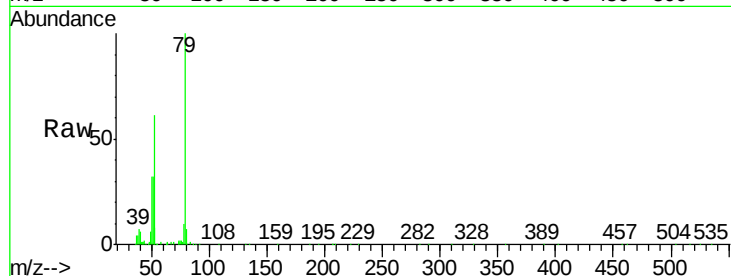
ClientSampleId :

B-2MS

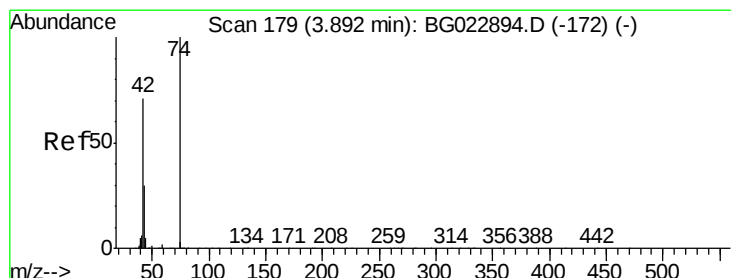
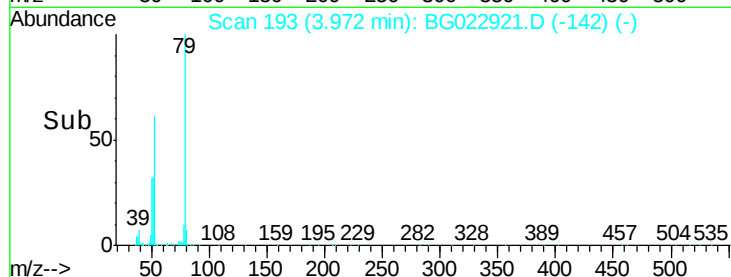
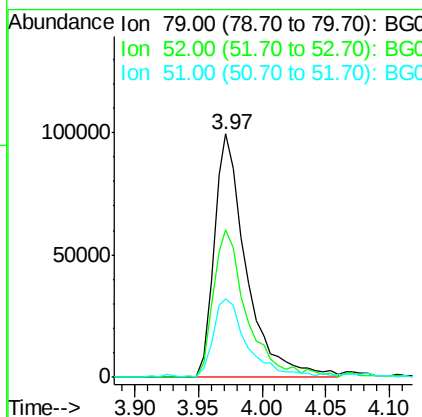
Manual Integrations

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Tot Ion:	79	Resp:	175451
Ion	Ratio	Lower	Upper
79	100		
52	60.9	51.8	77.8
51	32.2	32.7	49.1#



#4

n-Nitrosodimethylamine

Concen: 28.52 ng

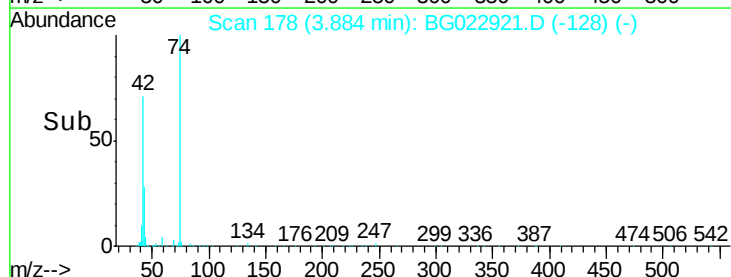
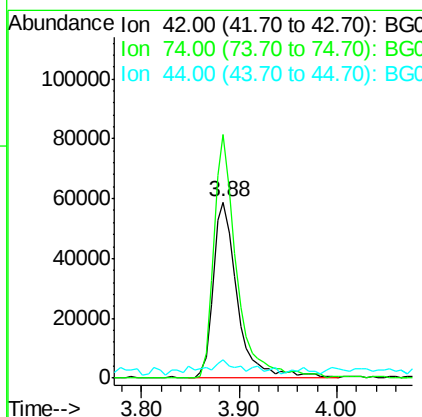
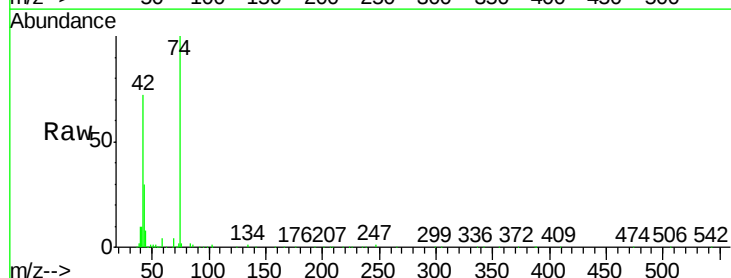
RT: 3.88 min Scan# 178

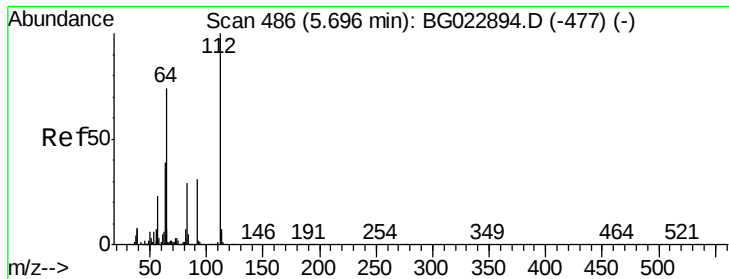
Delta R.T. -0.01 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tgt Ion:	42	Resp:	101236
Ion	Ratio	Lower	Upper
42	100		
74	138.4	100.6	150.8
44	10.6	4.5	6.7#





#5

2-Fluorophenol

Concen: 116.54 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022921.D

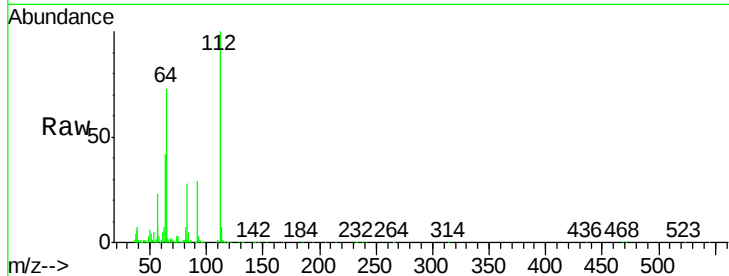
Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampled :

B-2MS

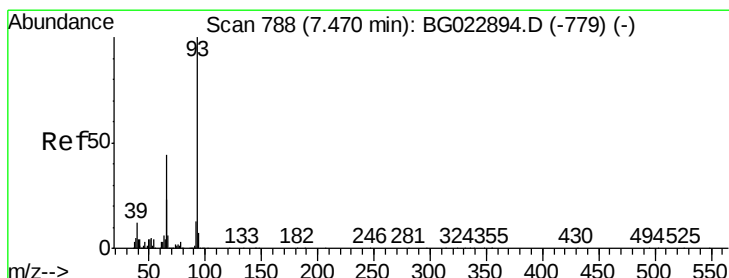
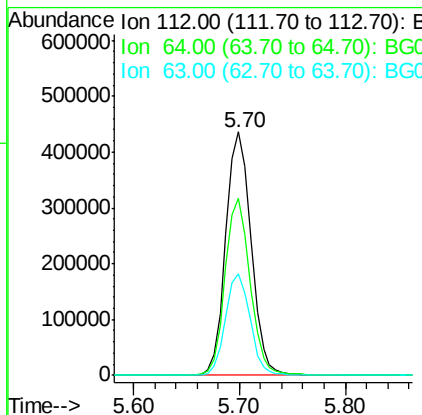
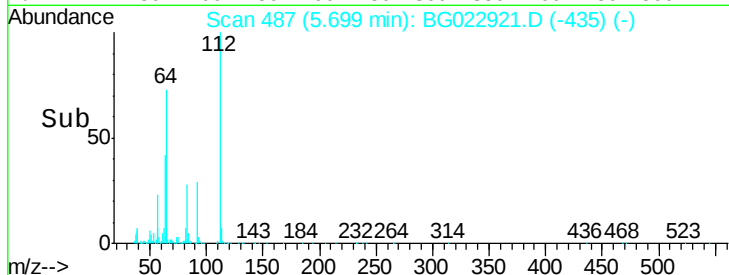


Tot Ion	Ratio	Lower	Upper
112	100		
64	72.7	59.0	88.4
63	41.5	37.8	56.8

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#6

Aniline

Concen: 26.10 ng

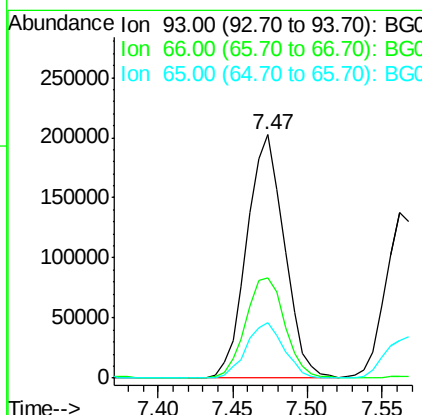
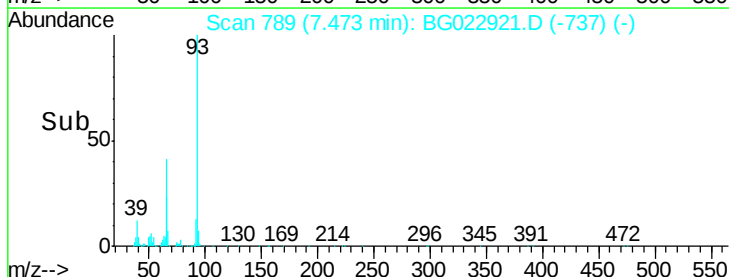
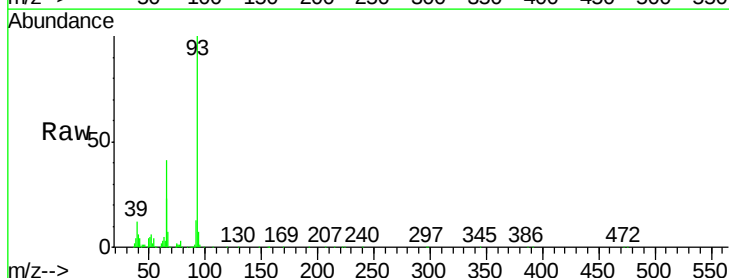
RT: 7.47 min Scan# 789

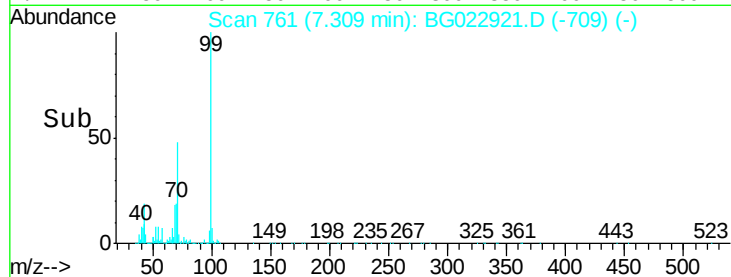
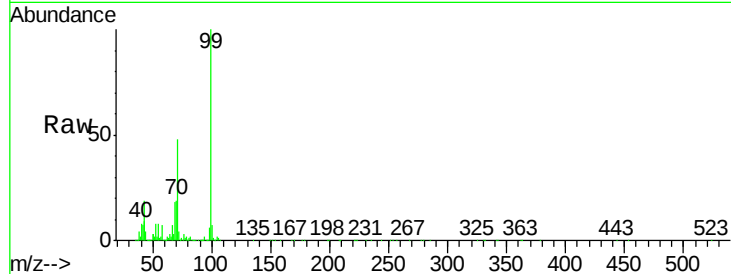
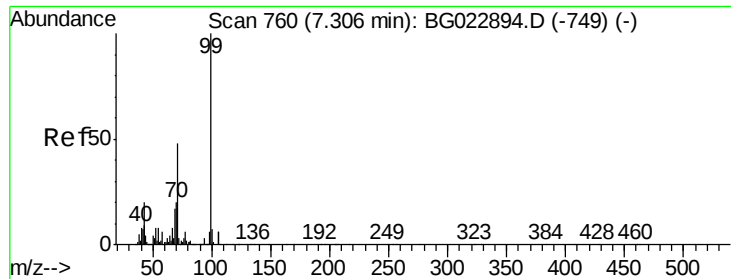
Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.4	37.5	56.3
65	23.0	17.9	26.9





#7

Phenol-d6

Concen: 120.28 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tot Ion: 99 Resp: 1171960

Ion Ratio Lower Upper

99 100

42 19.2 17.8 26.6

71 47.9 41.5 62.3

Instrument :

BNA_G

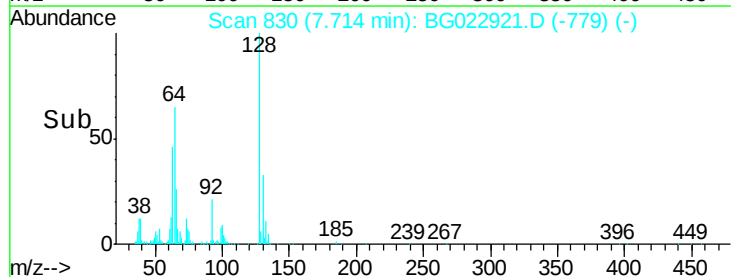
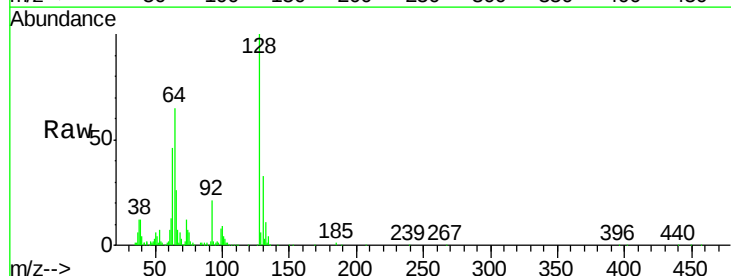
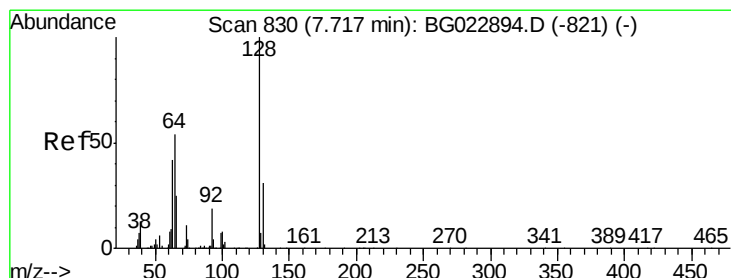
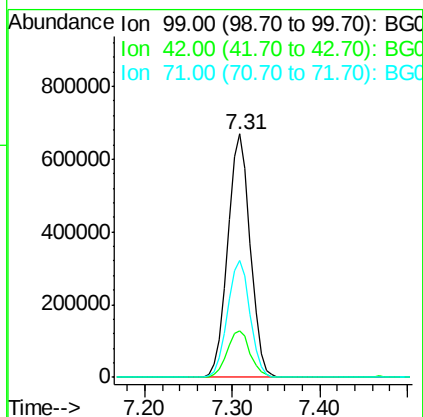
ClientSampleId :

B-2MS

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#8

2-Chlorophenol

Concen: 32.54 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

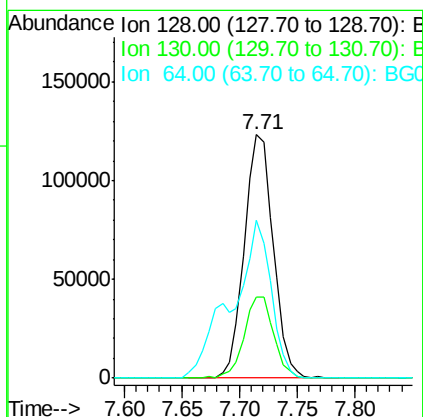
Tgt Ion:128 Resp: 215458

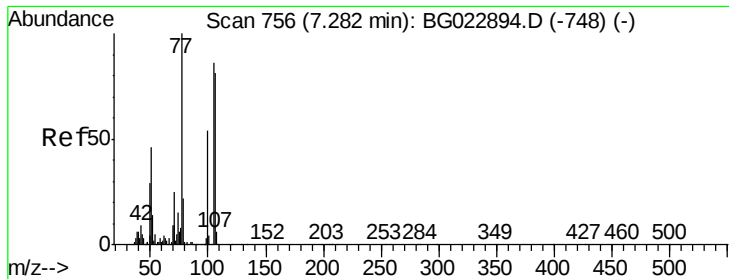
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 64.7 42.0 82.0





#9

Benzaldehyde

Concen: 28.09 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

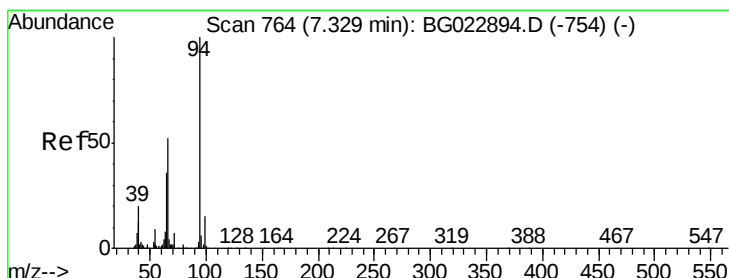
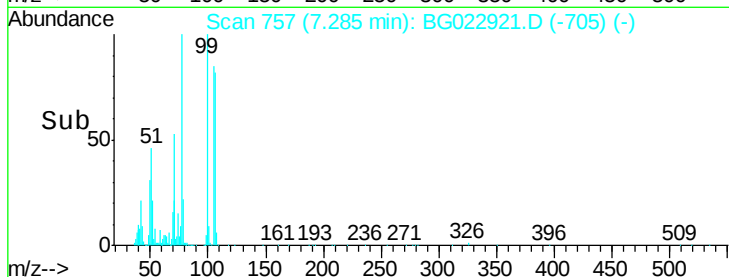
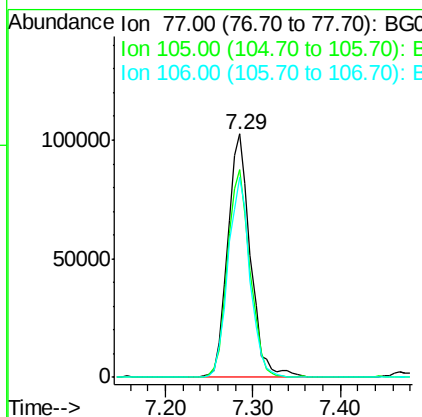
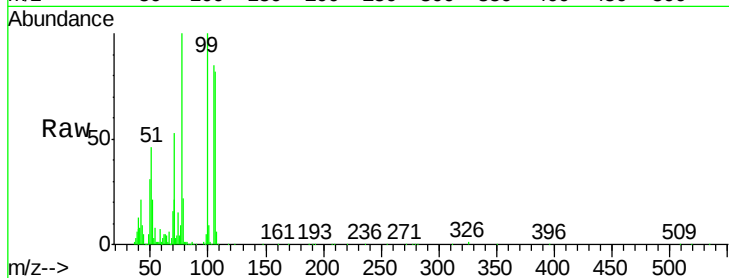
B-2MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	85.2	58.7	98.7	
106	82.3	67.5	107.5	

Manual Integrations

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#10

Phenol

Concen: 33.27 ng

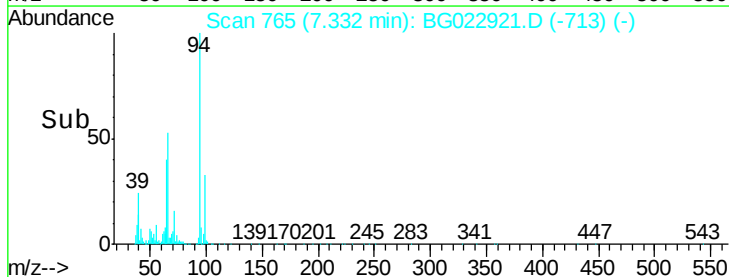
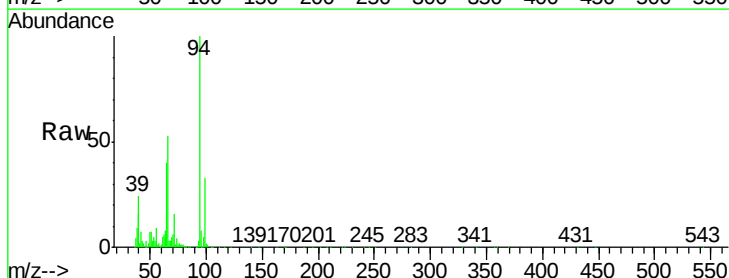
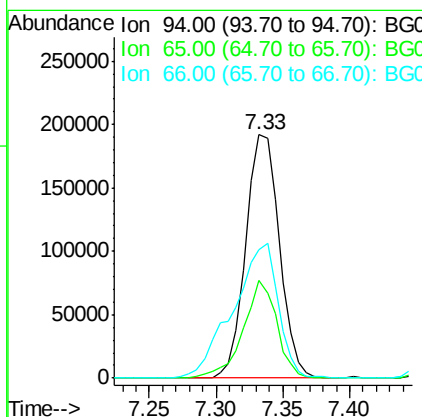
RT: 7.33 min Scan# 765

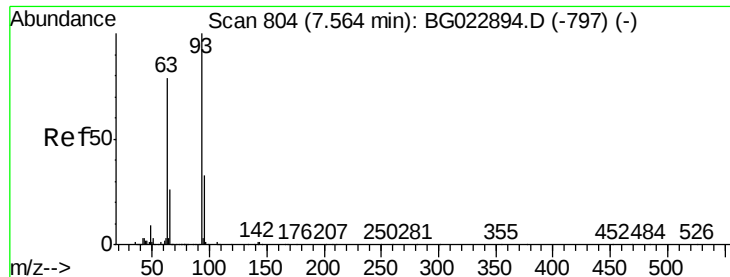
Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	40.2	18.1	58.1	
66	52.5	42.1	82.1	





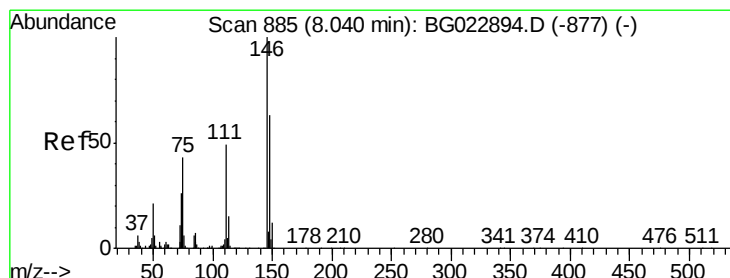
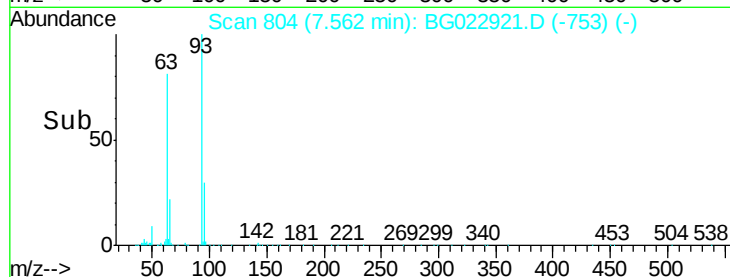
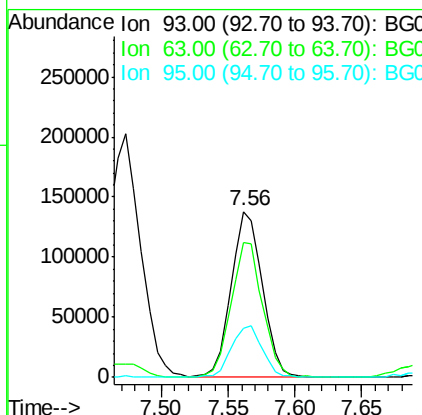
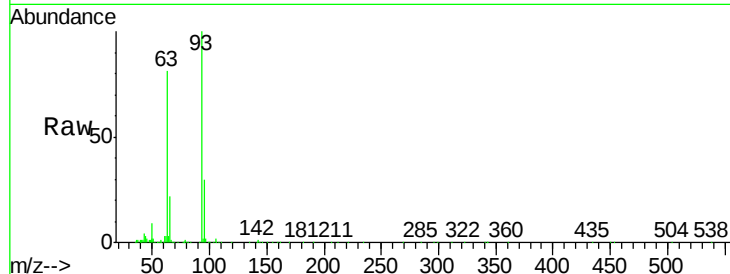
#11
bis(2-Chloroethyl)ether
Concen: 28.28 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		224713		
63	81.1		55.0	95.0	
95	29.6		11.0	51.0	

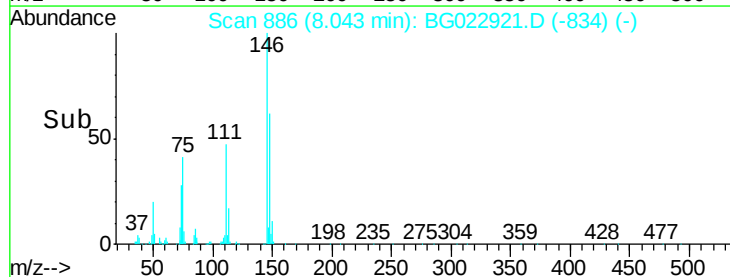
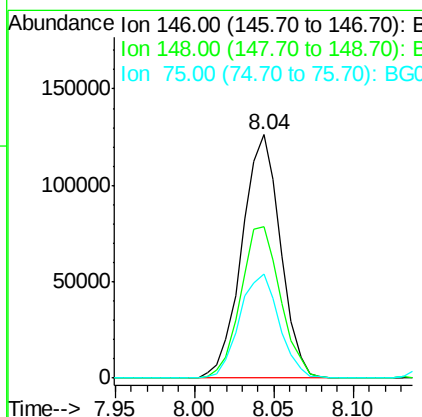
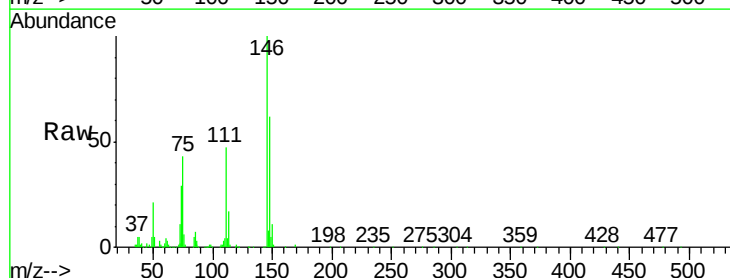
Manual Integrations

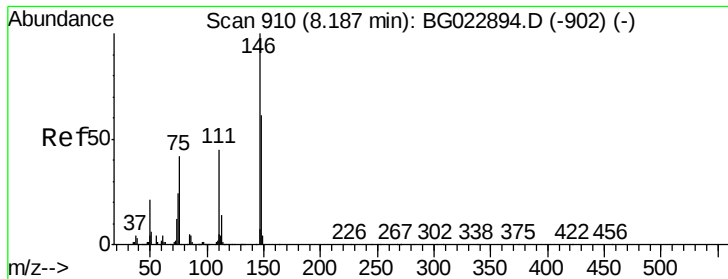
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#12
1,3-Dichlorobenzene
Concen: 26.28 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		213011		
148	62.0		50.3	75.5	
75	42.5		37.0	55.6	





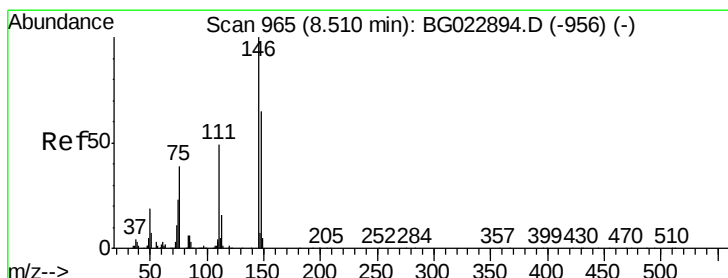
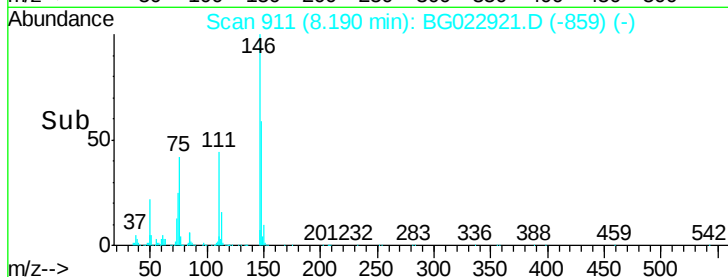
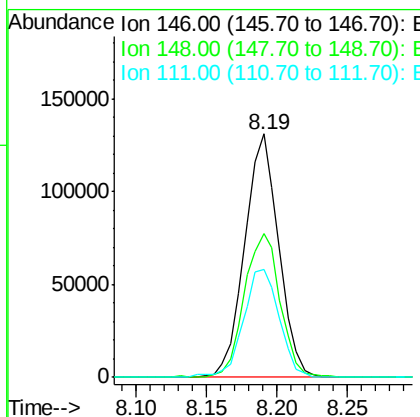
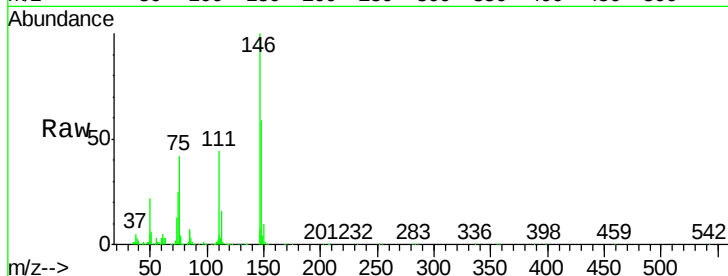
#13
 1,4-Dichlorobenzene
 Concen: 27.22 ng
 RT: 8.19 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.1	54.5	81.7
111	44.5	37.8	56.8

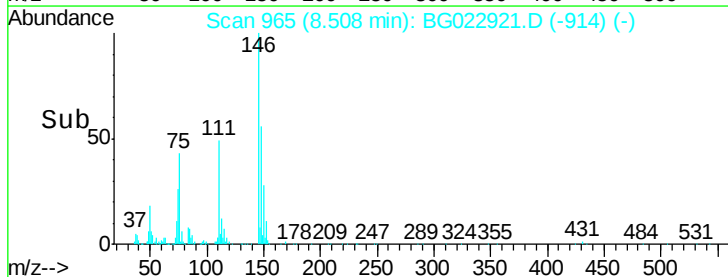
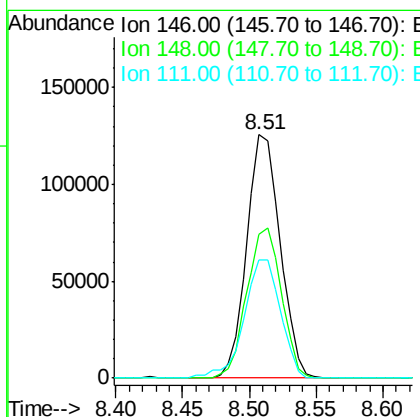
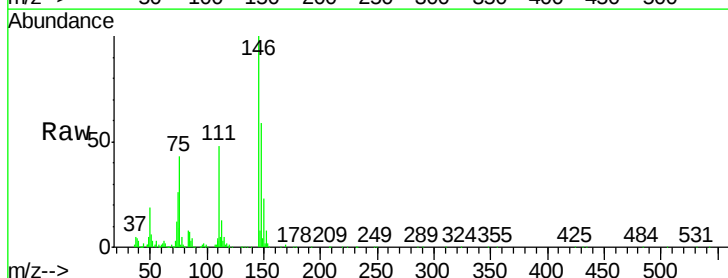
Manual Integrations

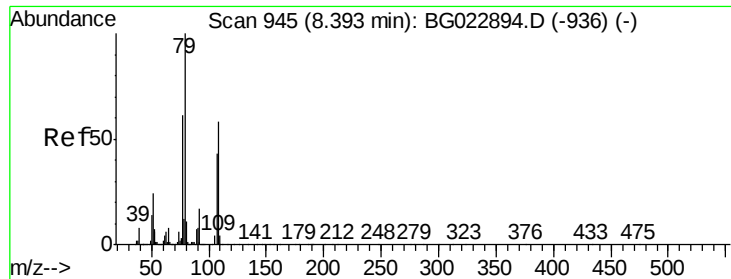
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#14
 1,2-Dichlorobenzene
 Concen: 26.90 ng
 RT: 8.51 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.1	52.9	79.3
111	48.4	43.5	65.3





#15

Benzyl Alcohol

Concen: 33.38 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

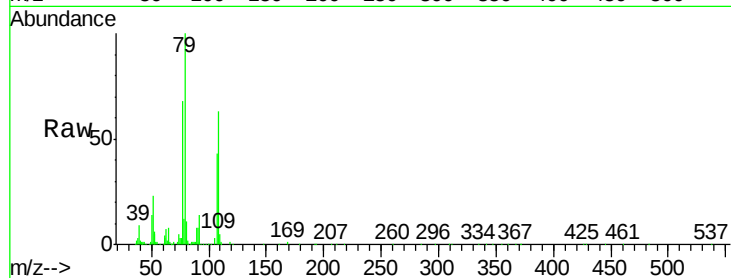
ClientSampleId :

B-2MS

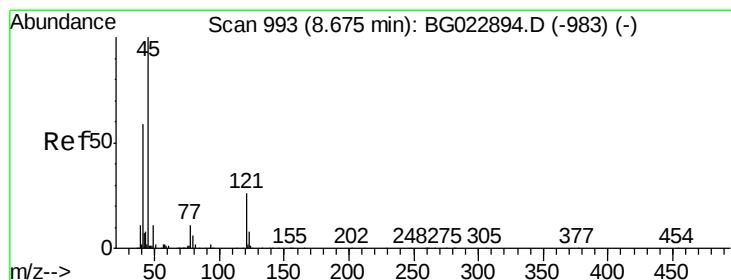
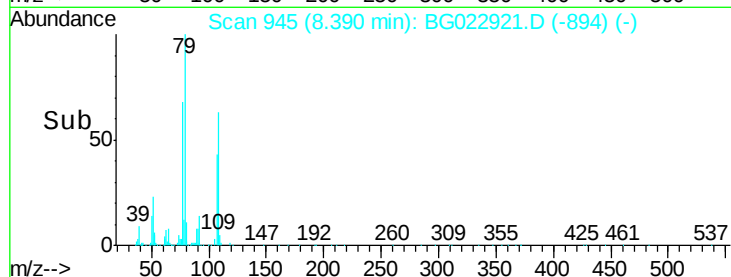
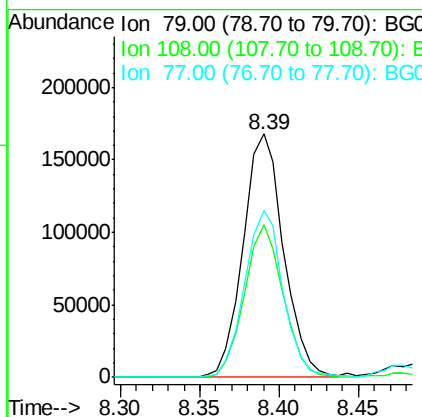
Manual Integrations

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Tot Ion	79	Resp	297895
Ion Ratio	Lower	Upper	
79	100		
108	62.9	46.5	69.7
77	68.4	52.3	78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.07 ng

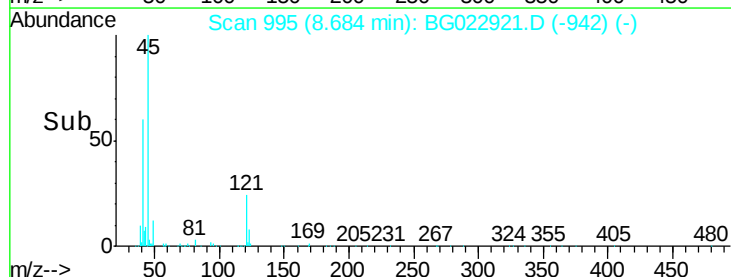
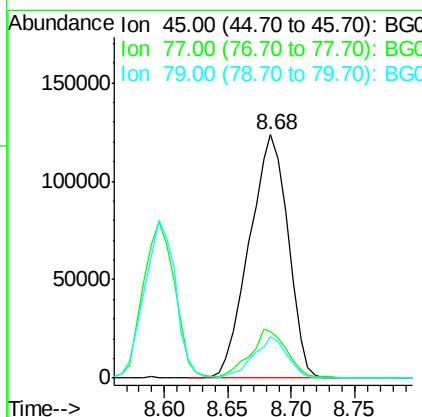
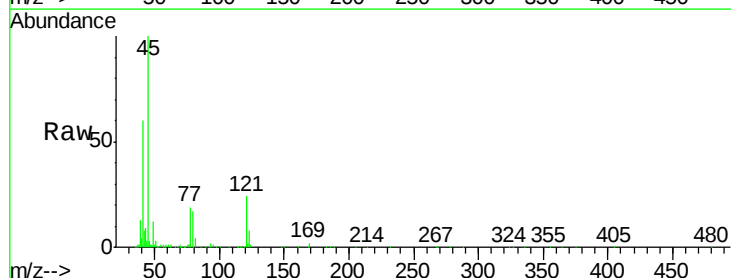
RT: 8.68 min Scan# 995

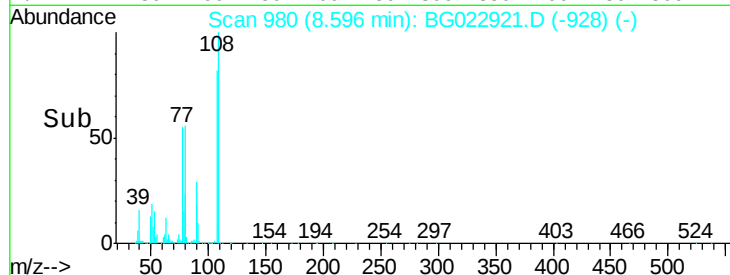
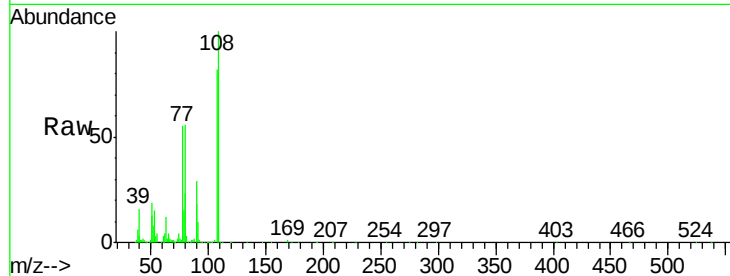
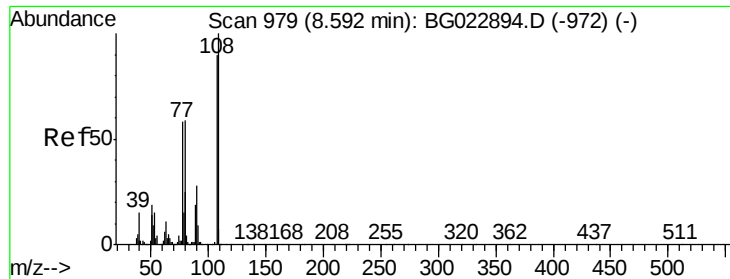
Delta R.T. 0.01 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

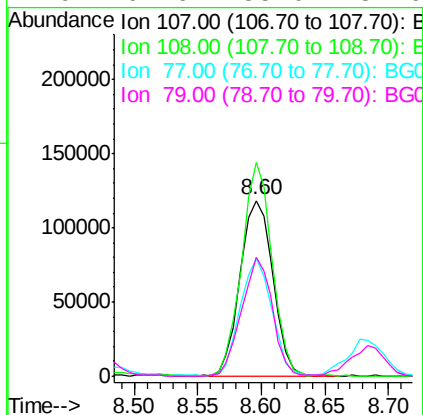
Tgt Ion	45	Resp	262791
Ion Ratio	Lower	Upper	
45	100		
77	19.3	0.6	40.6
79	16.8	0.0	36.2





#17
2-Methylphenol
Concen: 32.64 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

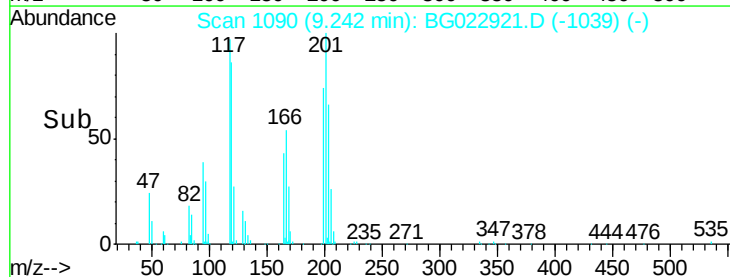
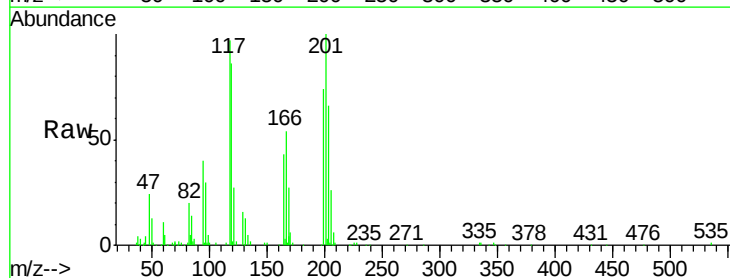
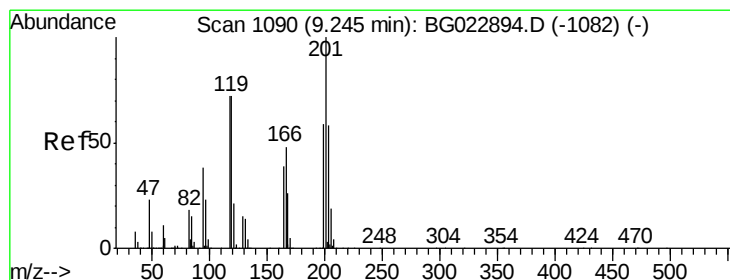
Tot Ion	Ratio	Resp	Lower	Upper
107	100	213021		
108	121.8	92.0	138.0	
77	67.3	55.8	83.6	
79	67.6	55.0	82.6	



Instrument :
BNA_G
ClientSampleId :
B-2MS

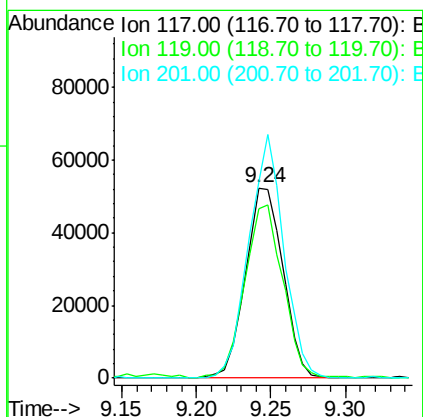
Manual Integrations

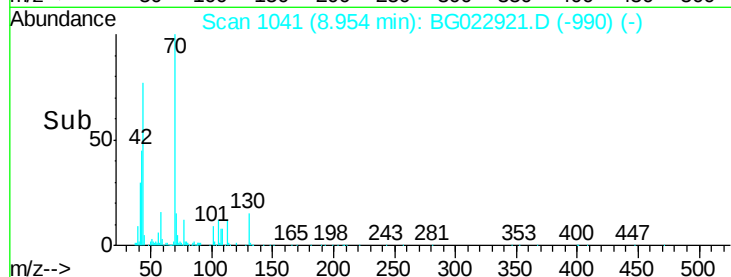
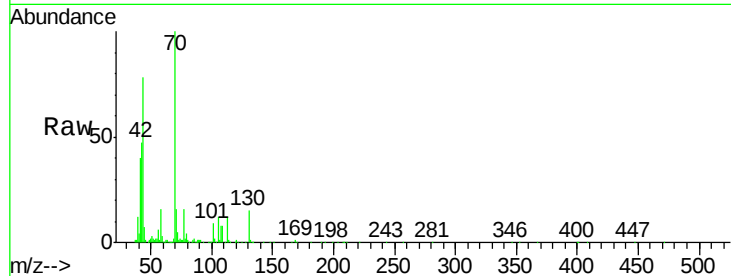
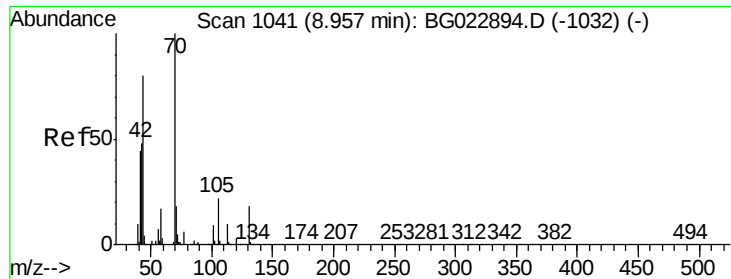
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#18
Hexachloroethane
Concen: 26.50 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	90751		
119	89.0	73.7	110.5	
201	106.2	88.7	133.1	





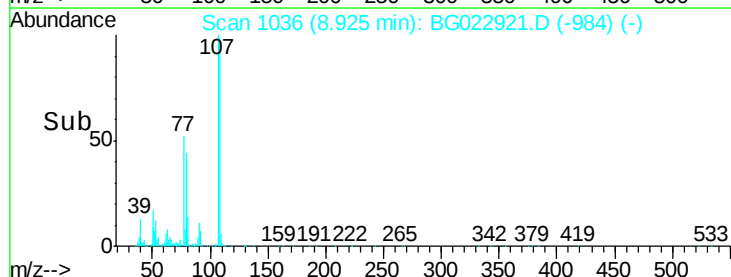
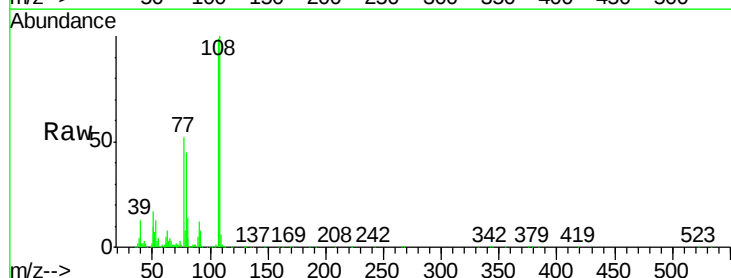
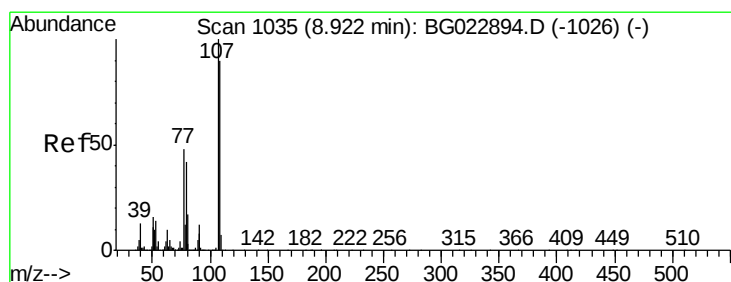
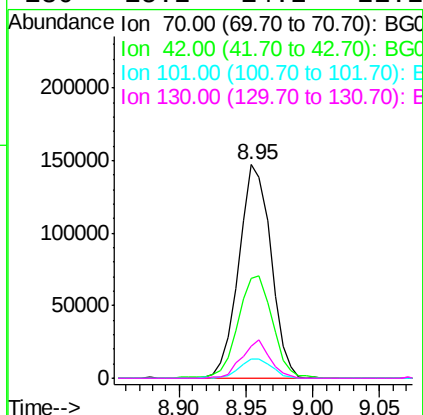
#19
n-Nitroso-di-n-propylamine
Concen: 27.96 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.6	42.1	63.1	
101	8.7	7.2	10.8	
130	15.2	14.2	21.2	

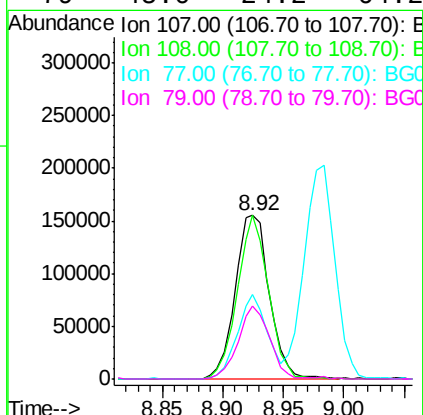
Manual Integrations

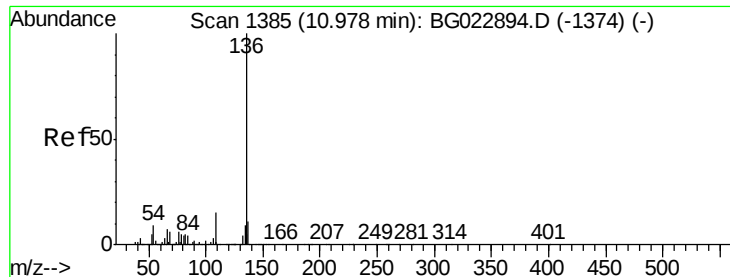
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#20
3+4-Methylphenols
Concen: 33.65 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	100.5	72.5	112.5	
77	51.9	30.1	70.1	
79	45.0	24.2	64.2	





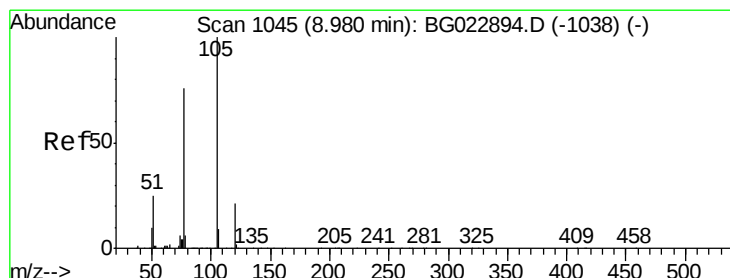
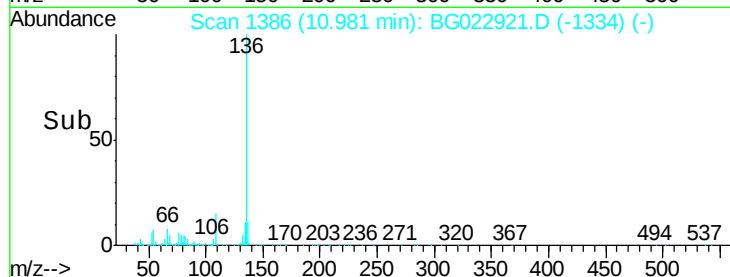
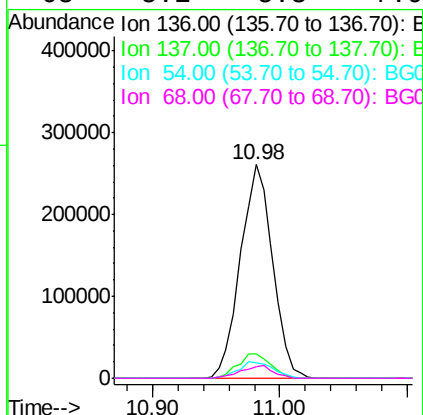
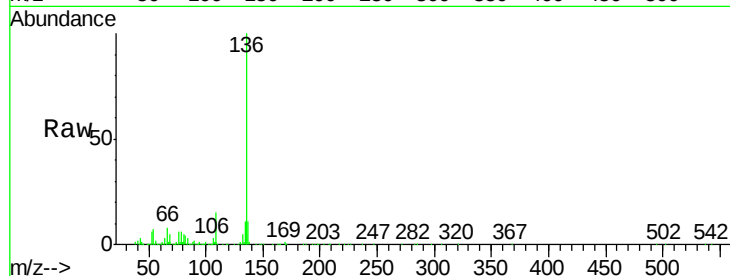
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	458217		
137	11.4	9.6	14.4	
54	7.5	7.3	10.9	
68	5.1	5.3	7.9#	

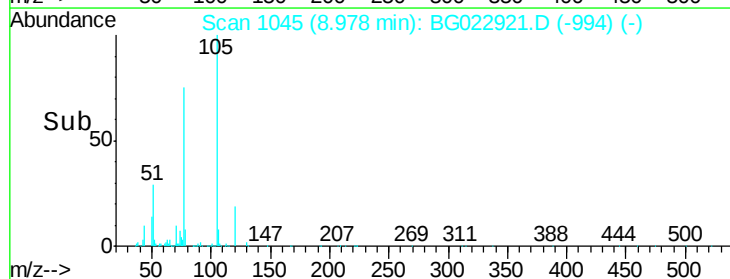
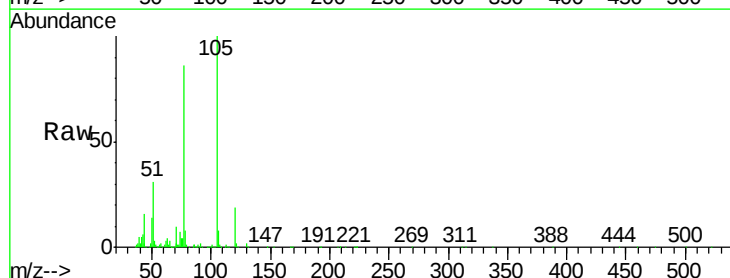
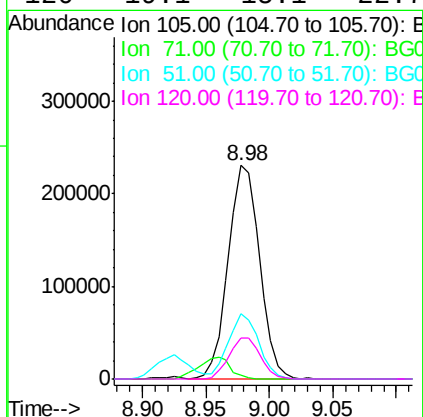
Manual Integrations

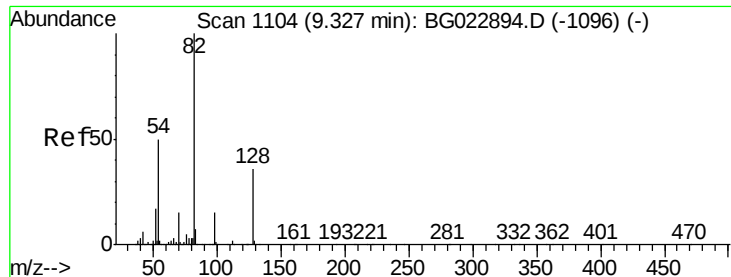
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#22
Acetophenone
Concen: 28.88 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	397216		
71	1.6	2.6	3.8#	
51	30.8	27.1	40.7	
120	19.1	15.1	22.7	





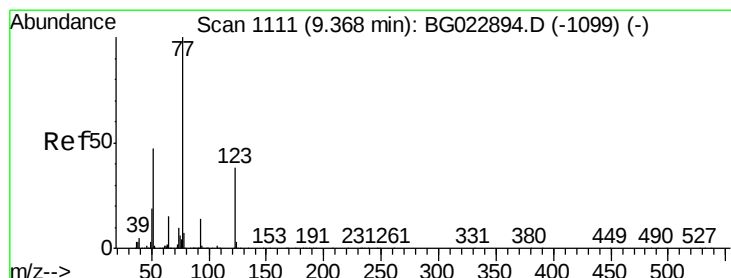
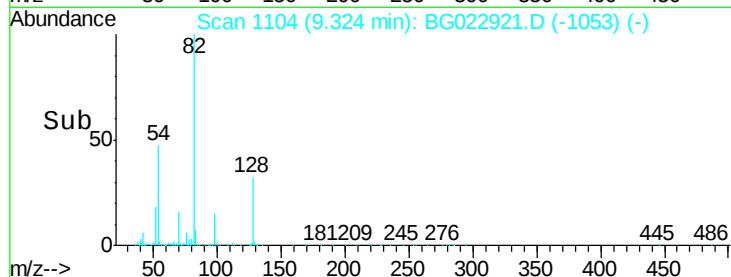
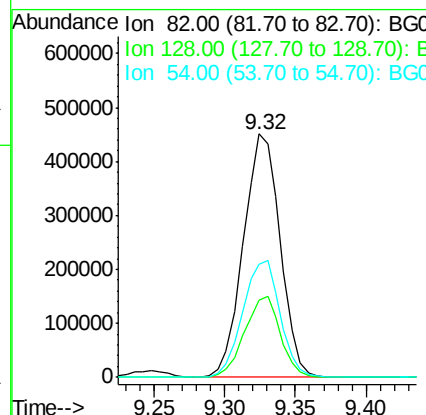
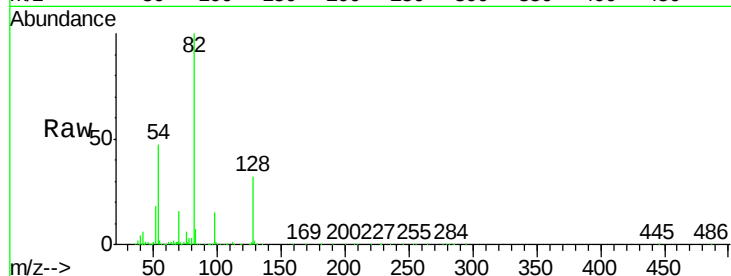
#23
Nitrobenzene-d5
Concen: 76.98 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.8	24.4	36.6
54	46.5	41.4	62.0

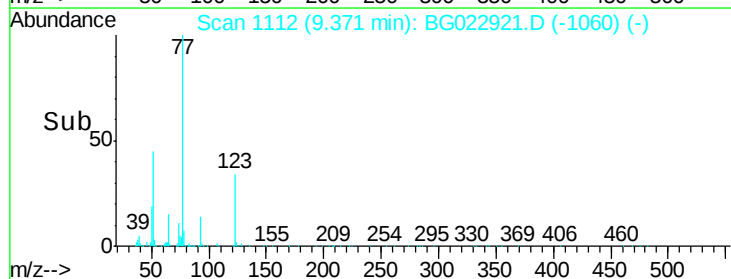
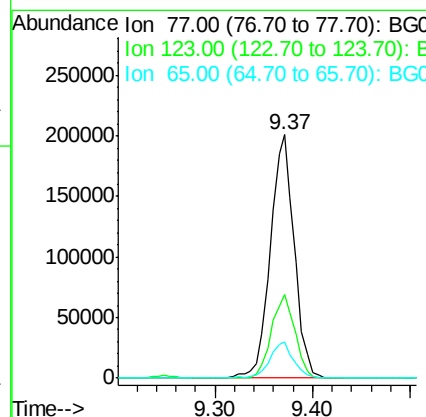
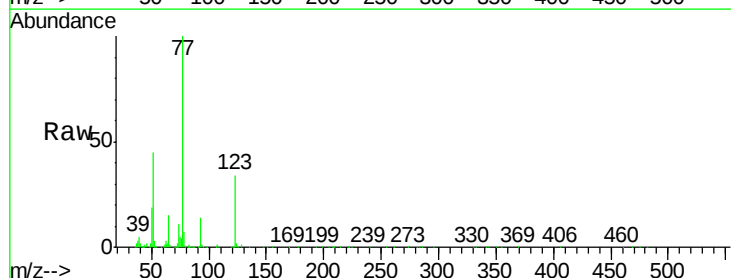
Manual Integrations

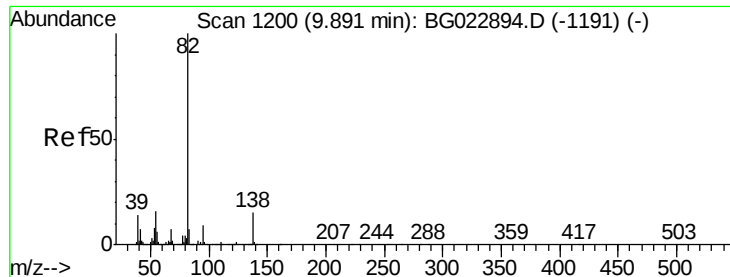
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#24
Nitrobenzene
Concen: 30.45 ng
RT: 9.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.3	25.0	37.6
65	14.9	13.4	20.0





#25

Isophorone

Concen: 30.40 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

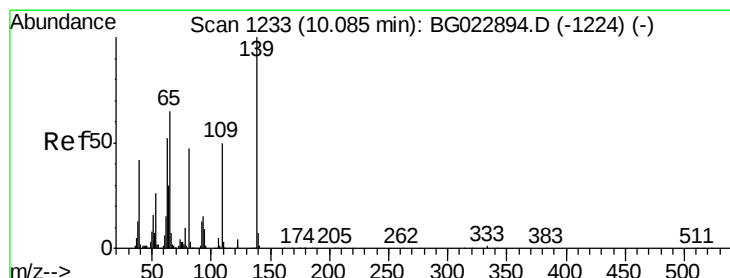
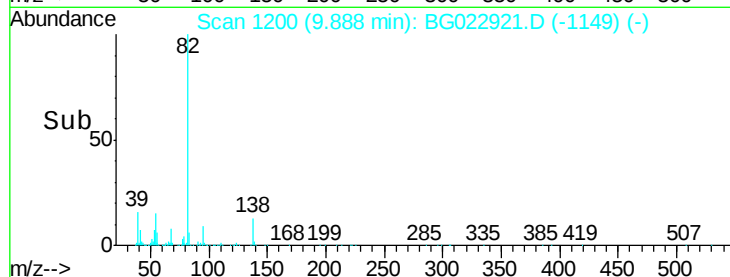
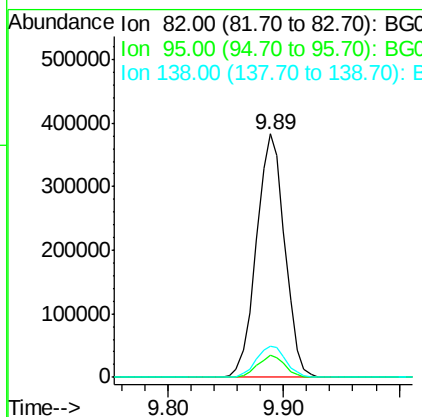
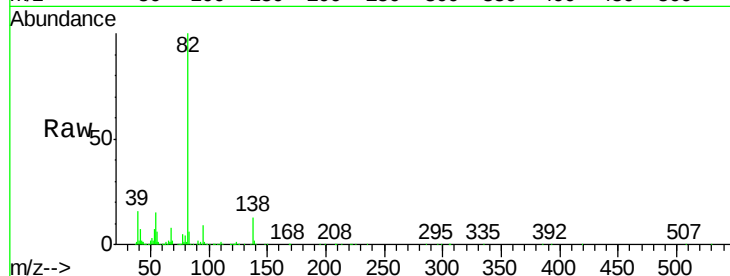
B-2MS

Tot Ion:	82	Resp:	654385
Ion Ratio	Lower	Upper	
82	100		
95	9.1	8.2	12.2
138	12.9	10.7	16.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 30.94 ng

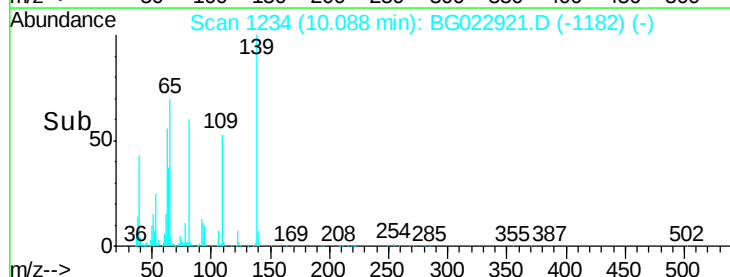
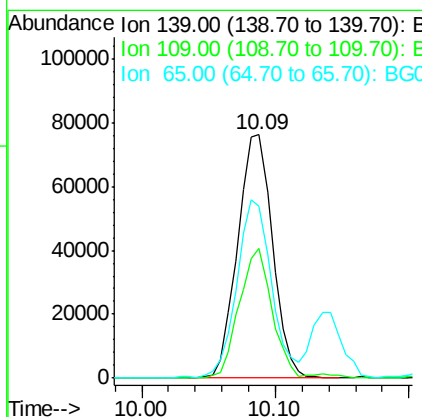
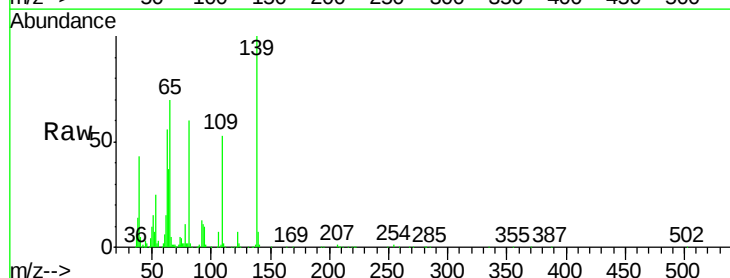
RT: 10.09 min Scan# 1234

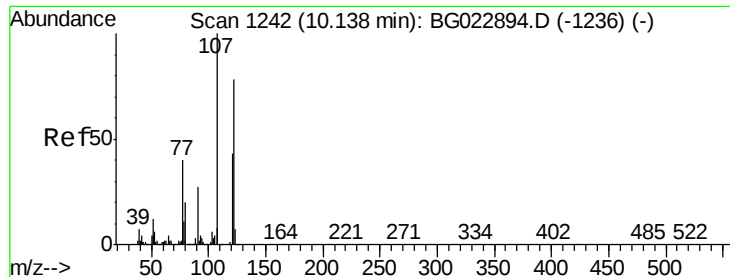
Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tgt Ion:	139	Resp:	138041
Ion Ratio	Lower	Upper	
139	100		
109	53.2	43.5	65.3
65	70.5	64.3	96.5





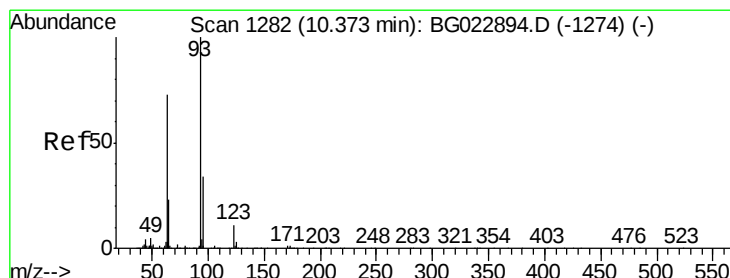
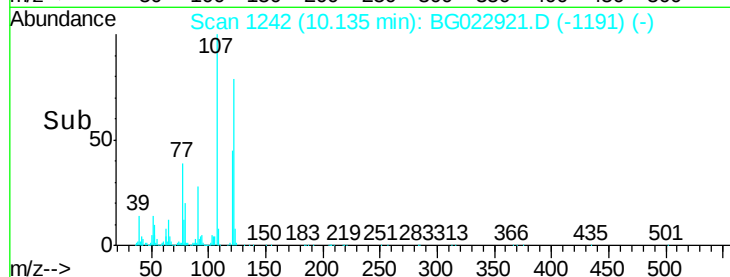
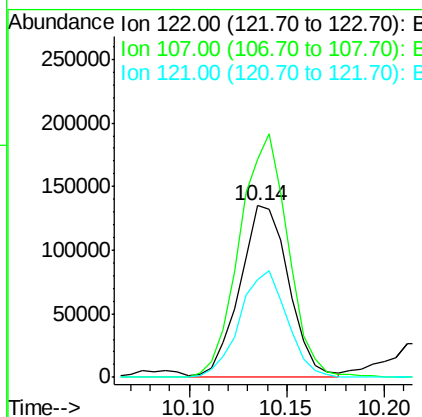
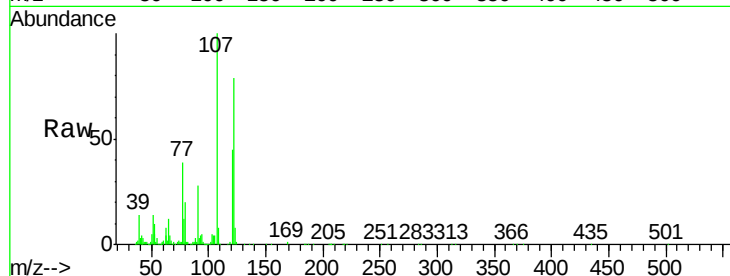
#27
2,4-Dimethylphenol
Concen: 30.31 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.3	117.0	175.4
121	56.7	50.1	75.1

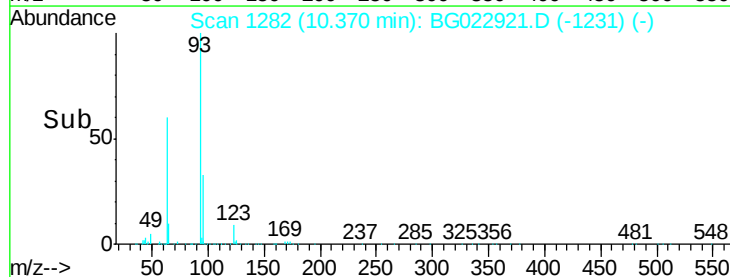
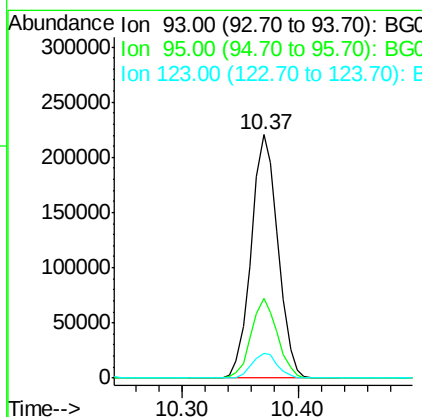
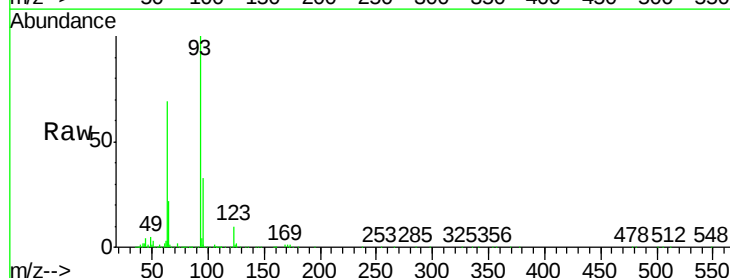
Manual Integrations

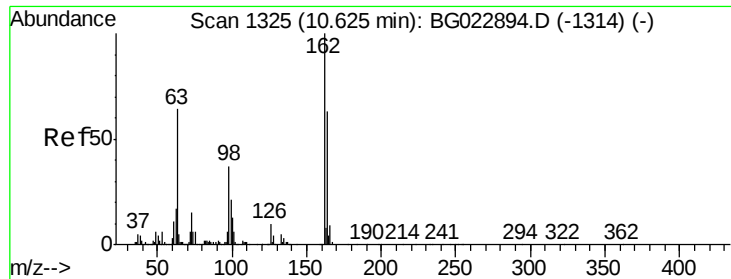
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#28
bis(2-Chloroethoxy)methane
Concen: 29.49 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.2
123	9.9	8.2	12.2





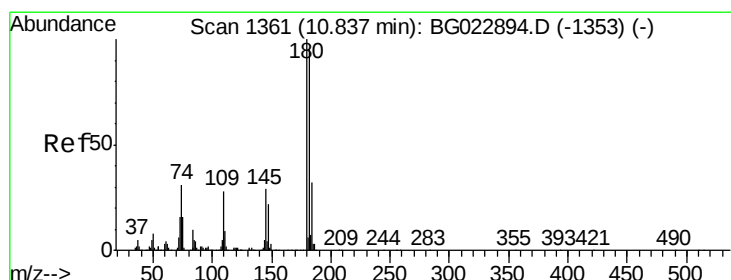
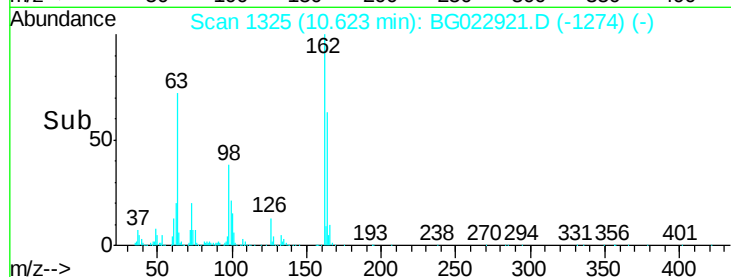
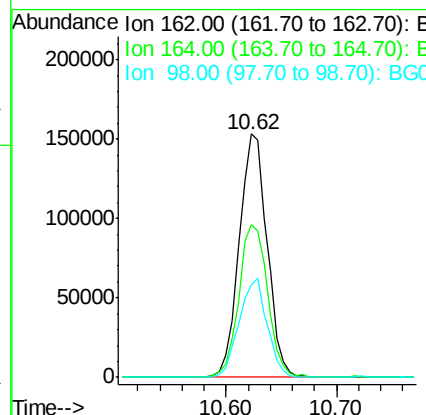
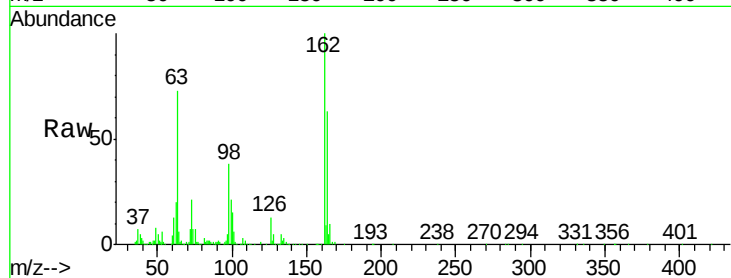
#29
 2,4-Dichlorophenol
 Concen: 33.12 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.3	84.3
98	37.8	19.5	59.5

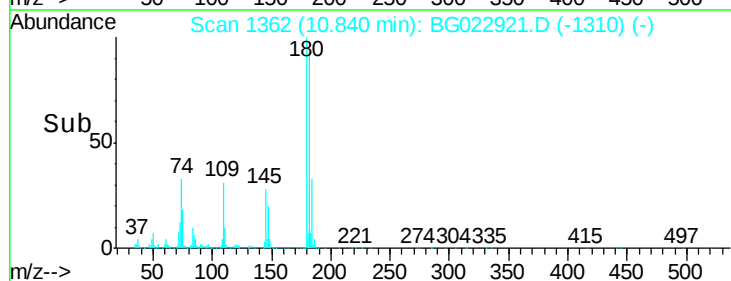
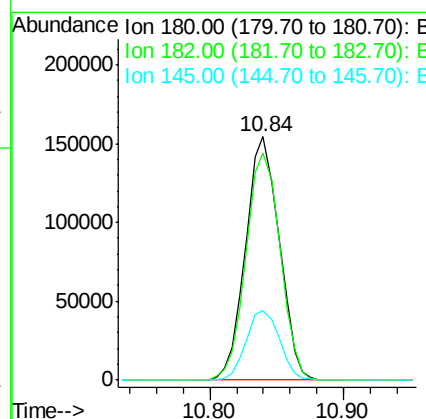
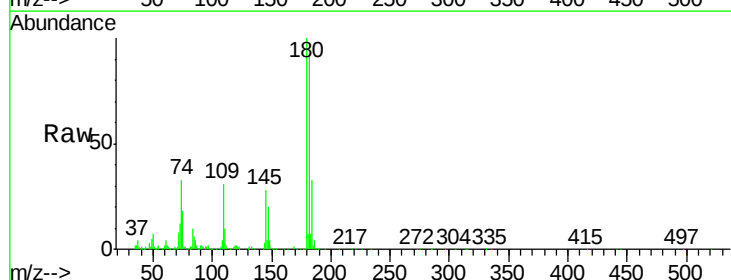
Manual Integrations

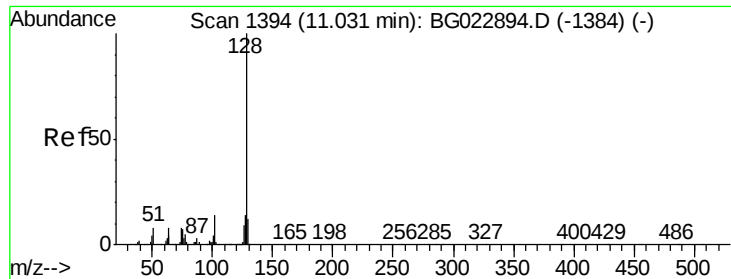
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#30
 1,2,4-Trichlorobenzene
 Concen: 28.64 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	73.8	110.8
145	28.4	24.4	36.6





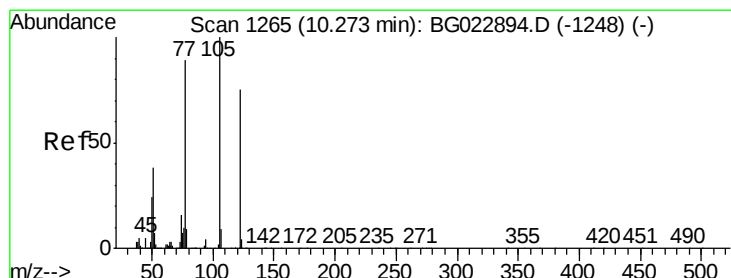
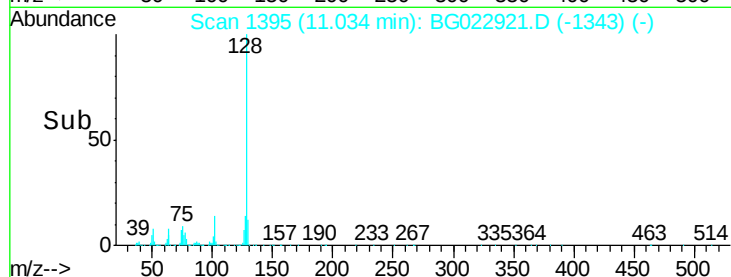
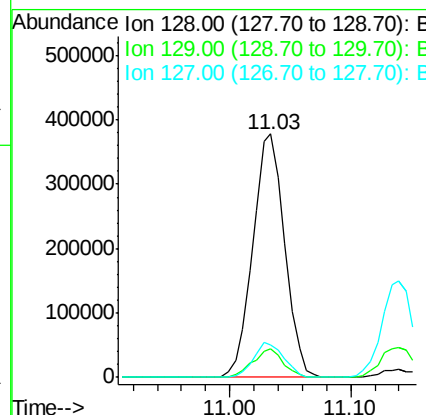
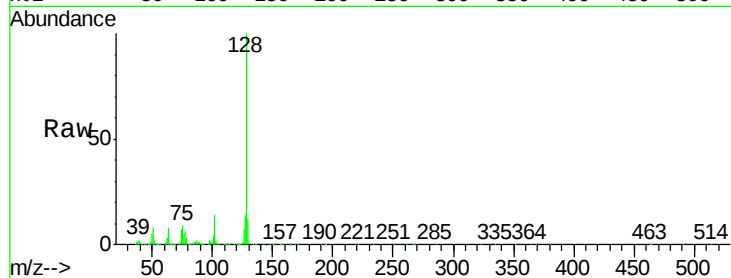
#31
Naphthalene
Concen: 29.65 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.5	11.3	16.9

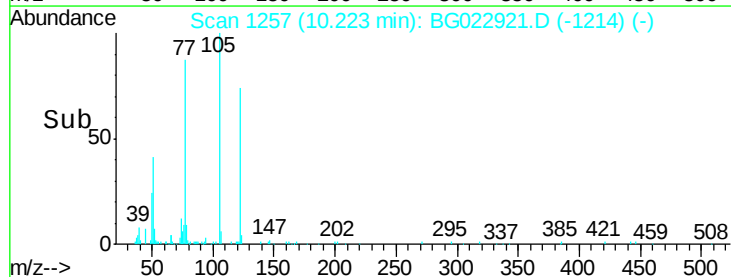
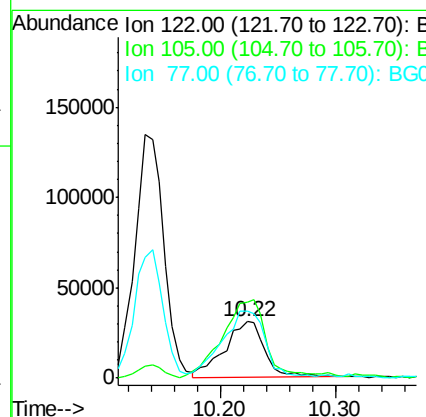
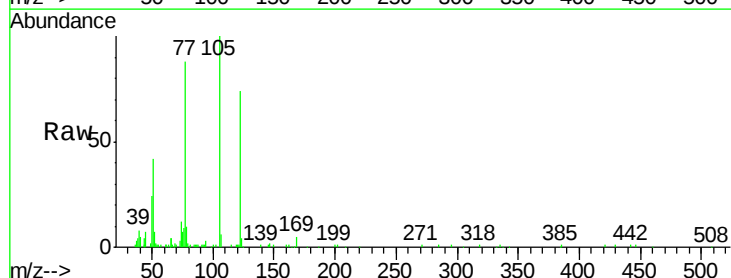
Manual Integrations

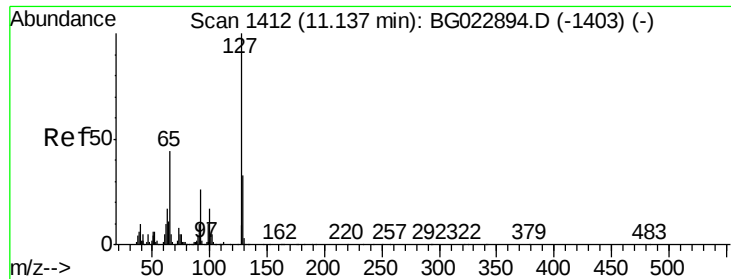
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#32
Benzoic acid
Concen: 10.42 ng
RT: 10.22 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.5	117.2	157.2
77	118.3	109.2	149.2





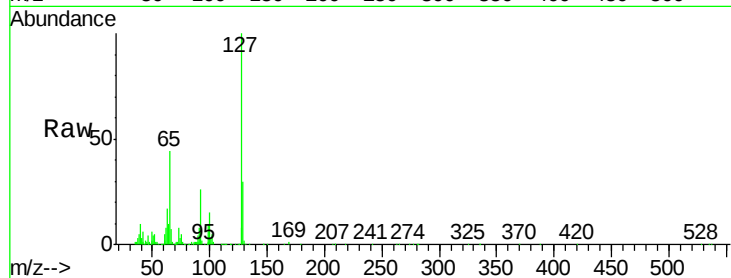
#33
4-Chloroaniline
Concen: 23.88 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

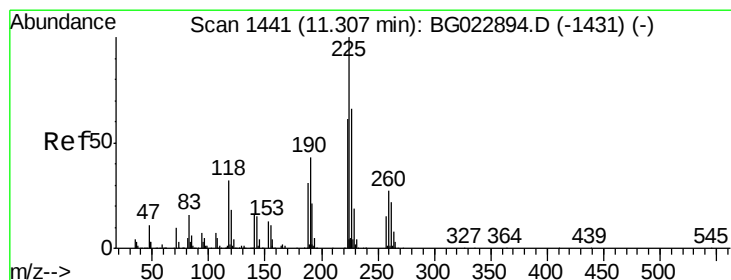
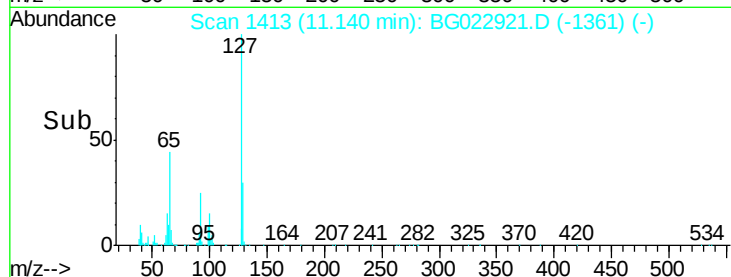
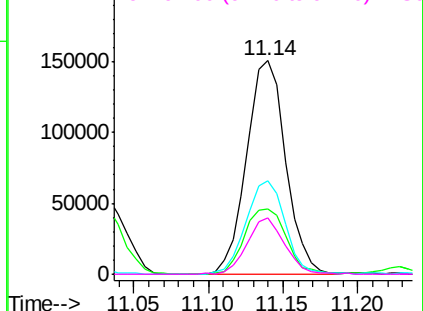
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		272396		
129	30.5	27.9	41.9		
65	43.7	36.8	55.2		
92	26.5	21.0	31.6		

Manual Integrations

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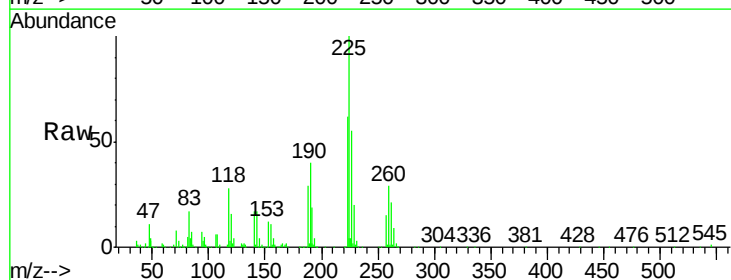


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

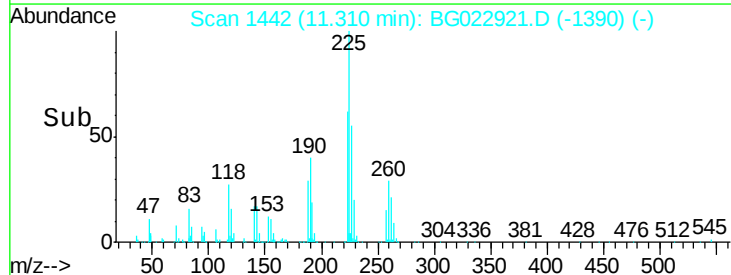
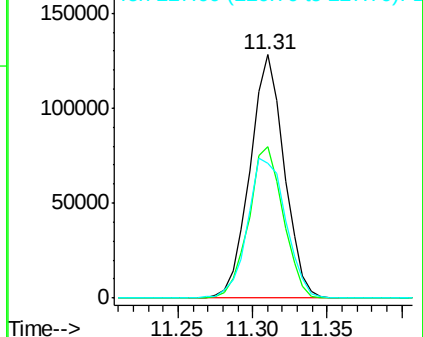


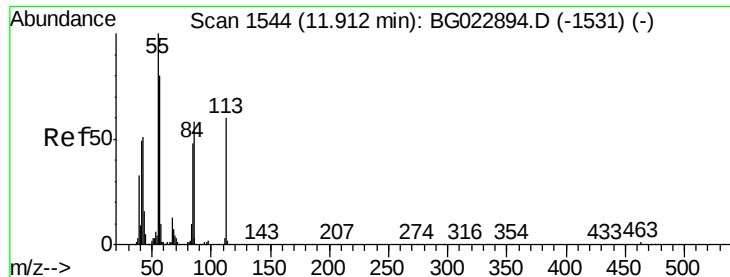
#34
Hexachlorobutadiene
Concen: 26.52 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		202631		
223	62.3	49.6	74.4		
227	55.2	54.5	81.7		



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





#35

Caprolactam

Concen: 29.23 ng/ml

RT: 11.95 min Scan# 1551

Delta R.T. 0.04 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

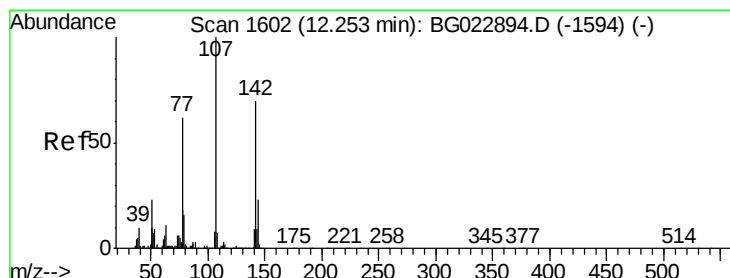
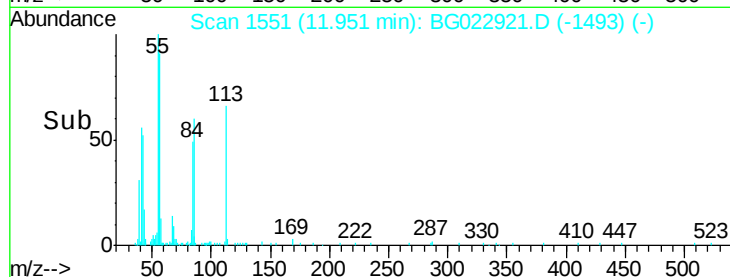
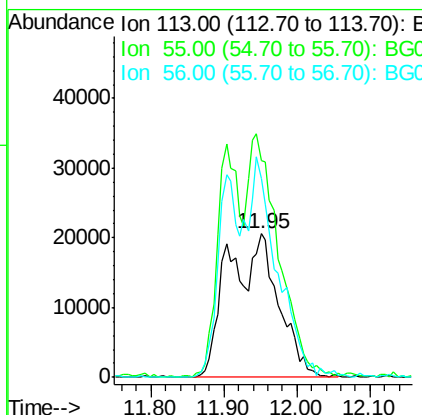
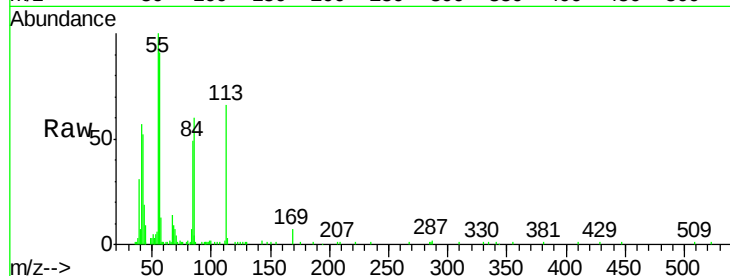
B-2MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	151.6	154.5	194.5#	
56	138.4	125.1	165.1	

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 31.00 ng/ml

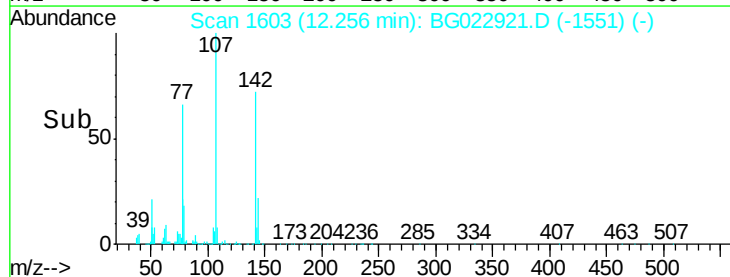
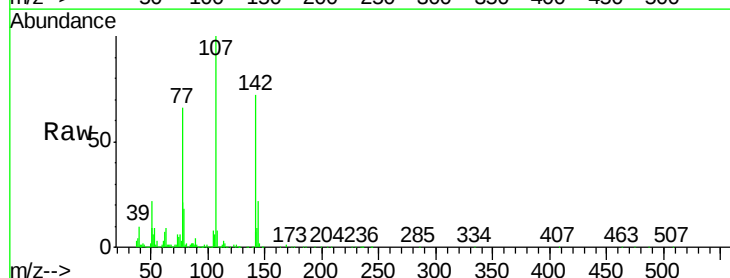
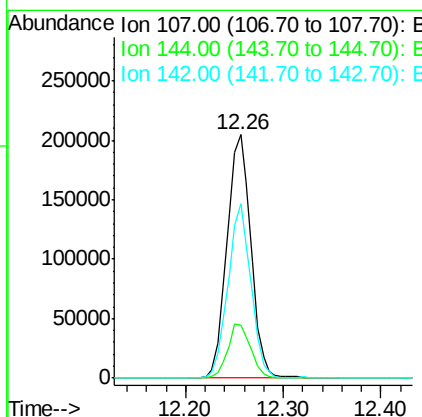
RT: 12.26 min Scan# 1603

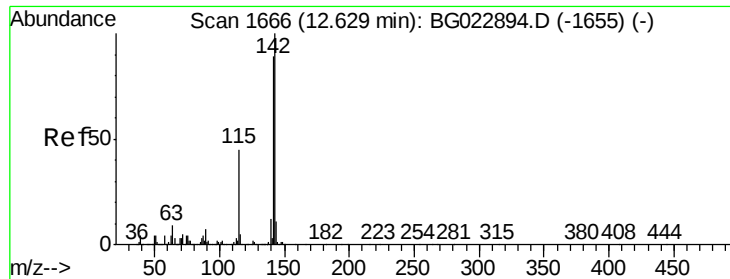
Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	21.9	17.0	25.6	
142	71.6	53.0	79.6	





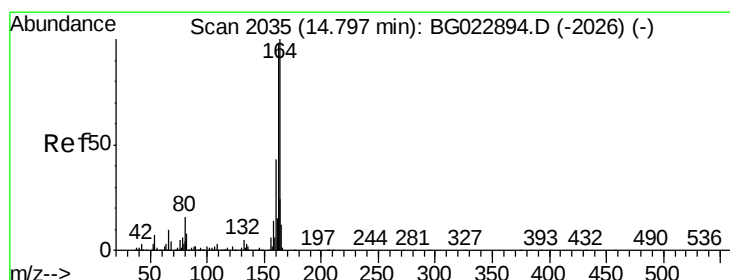
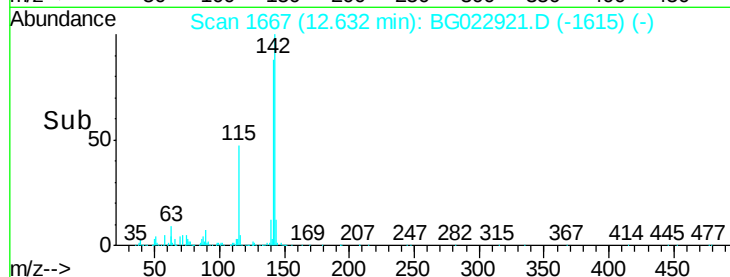
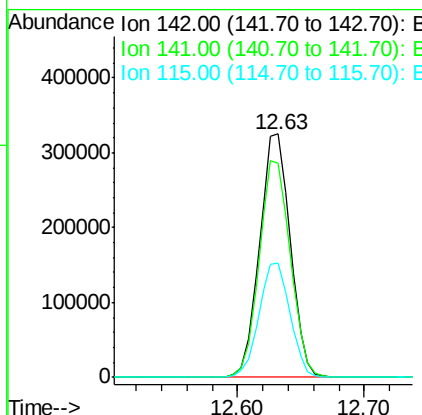
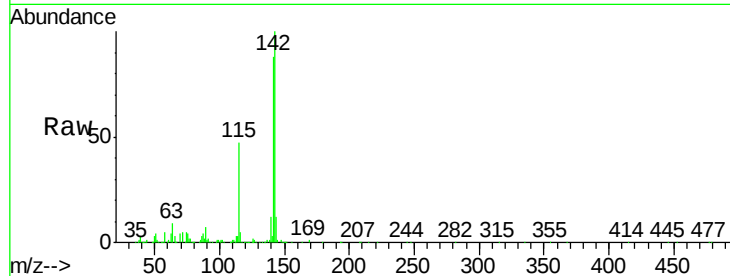
#37
2-Methylnaphthalene
Concen: 29.82 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.2	105.2
115	46.9	41.7	62.5

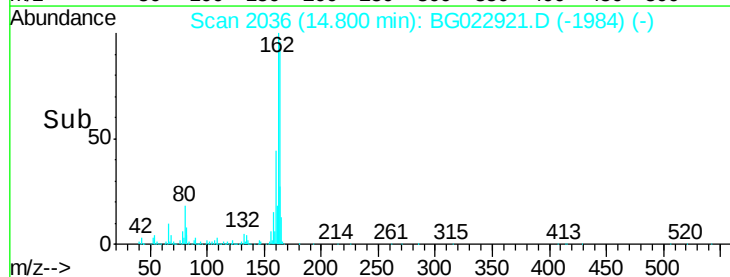
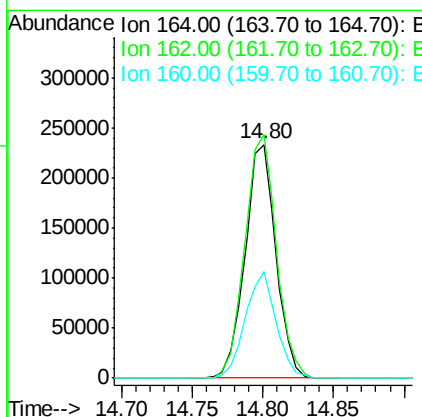
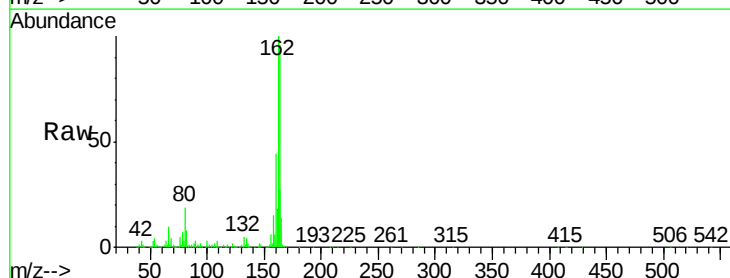
Manual Integrations

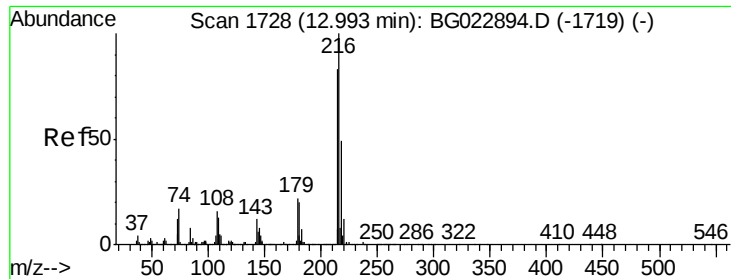
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	87.7	131.5
160	45.6	37.2	55.8





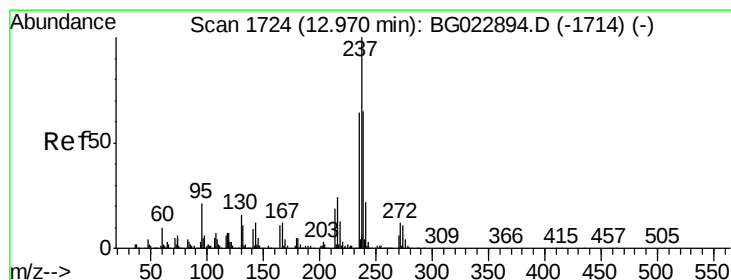
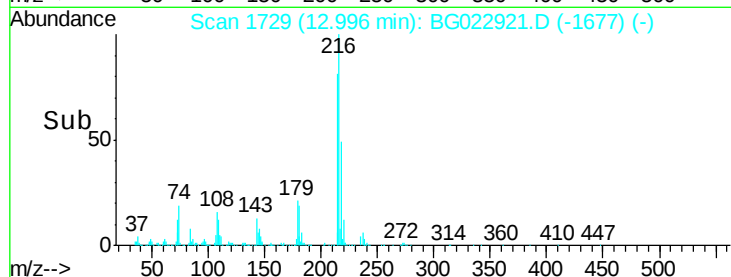
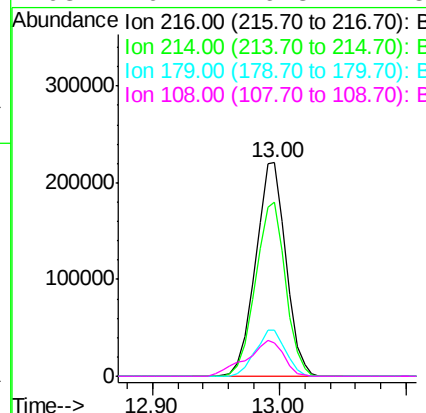
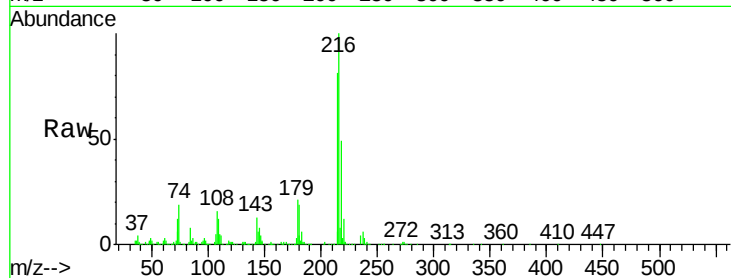
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.93 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		368189		
214	80.4	62.9	94.3		
179	21.6	17.2	25.8		
108	20.7	16.3	24.5		

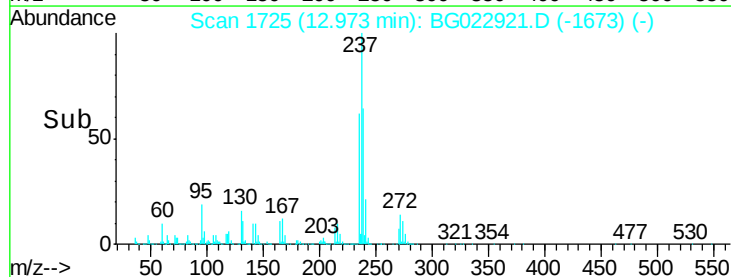
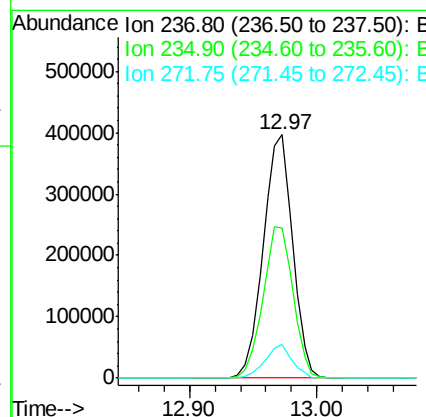
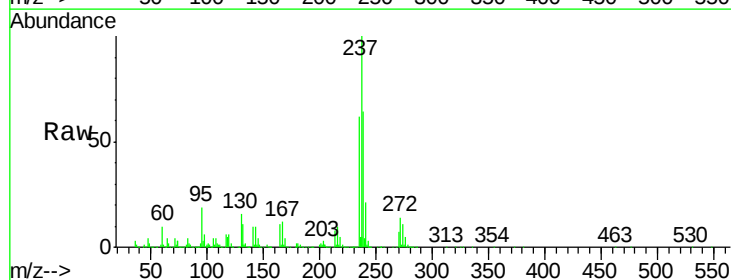
Manual Integrations

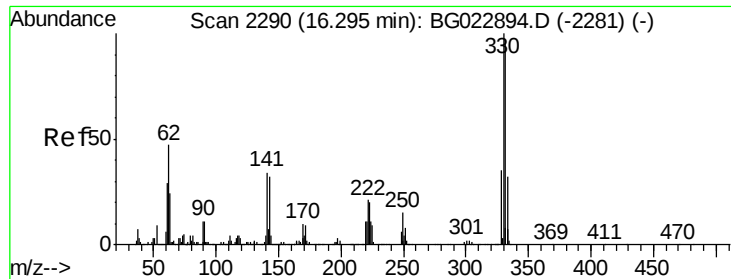
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#40
 Hexachlorocyclopentadiene
 Concen: 72.02 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		638033		
235	61.7	43.1	83.1		
272	13.8	0.0	30.9		





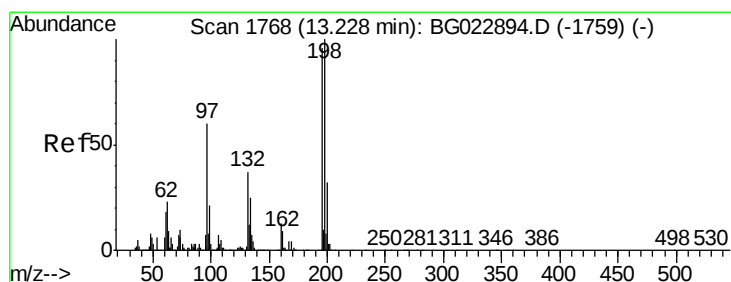
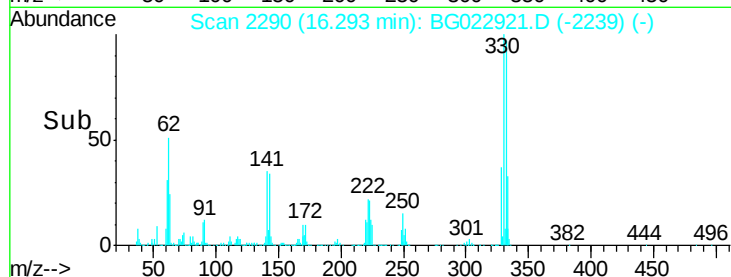
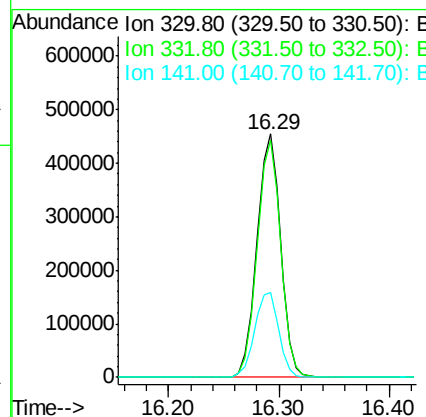
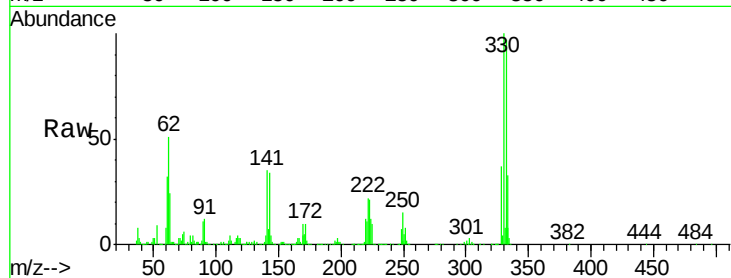
#41
 2,4,6-Tribromophenol
 Concen: 106.74 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	35.6	31.7	47.5

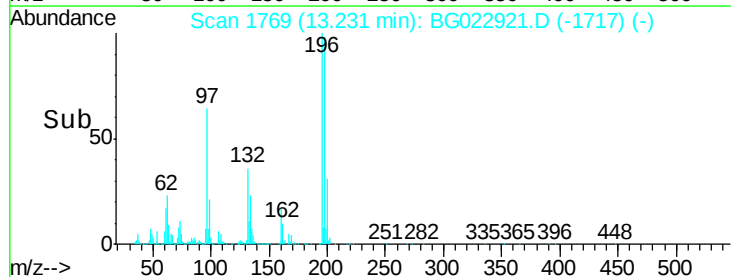
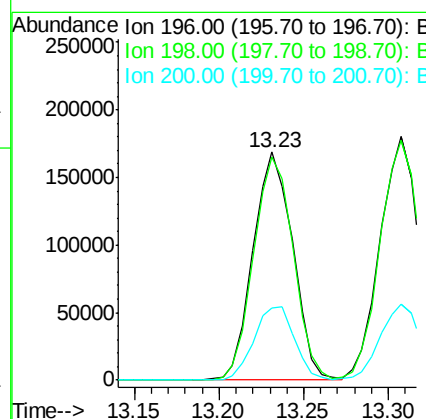
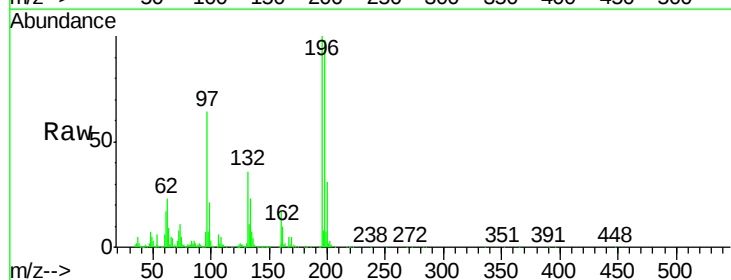
Manual Integrations

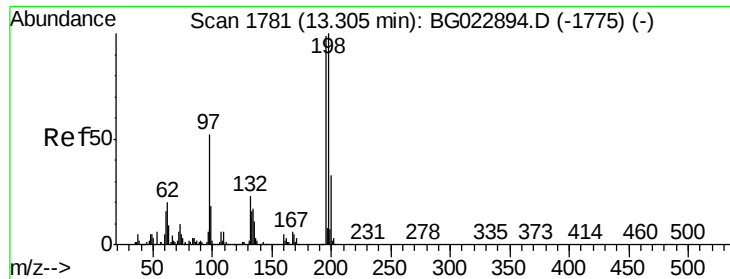
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#42
 2,4,6-Trichlorophenol
 Concen: 31.29 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	78.2	117.2
200	31.4	27.0	40.4





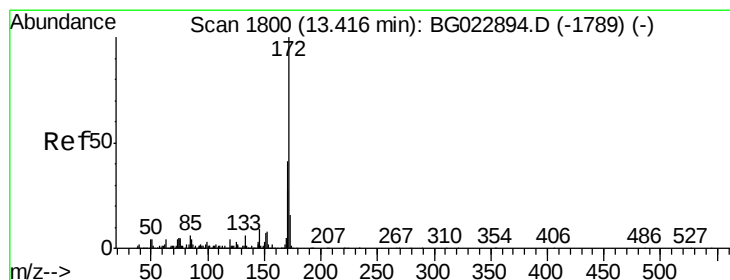
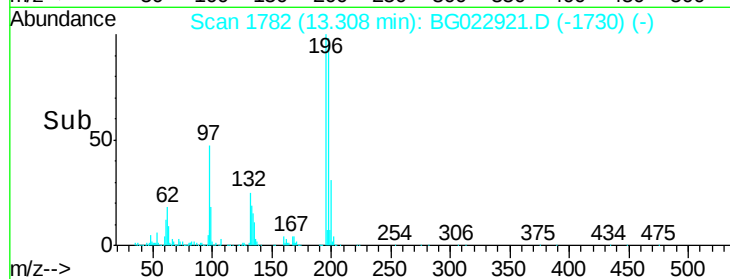
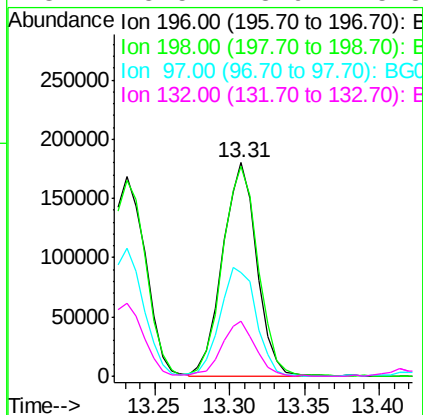
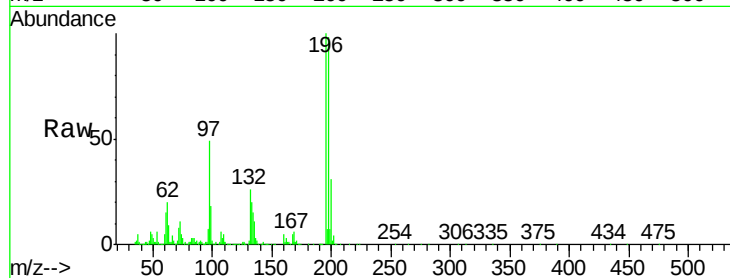
#43
2,4,5-Trichlorophenol
Concen: 31.78 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	288620		
198	98.5	85.7	128.5	
97	48.5	45.5	68.3	
132	25.5	18.9	28.3	

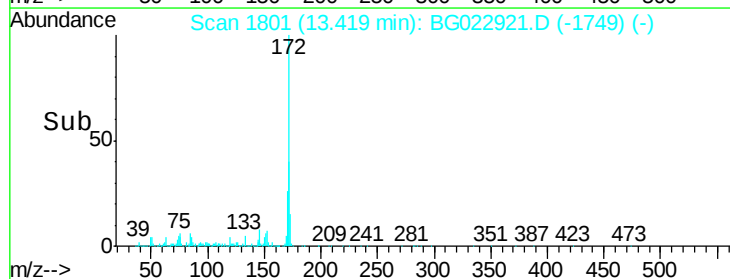
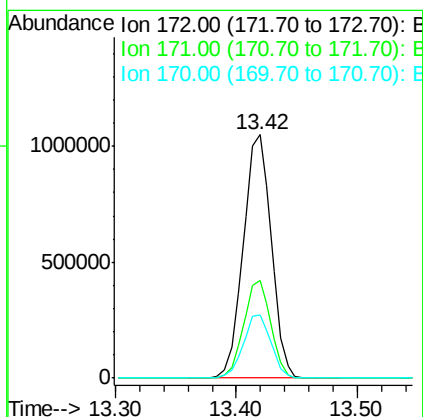
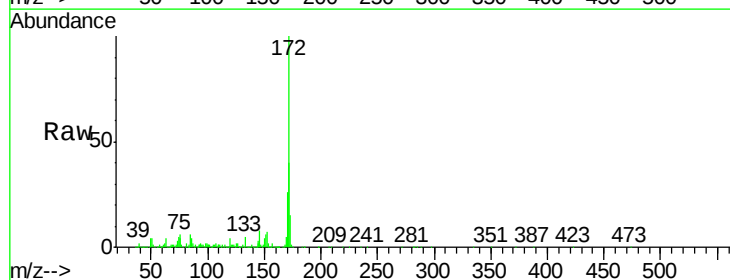
Manual Integrations

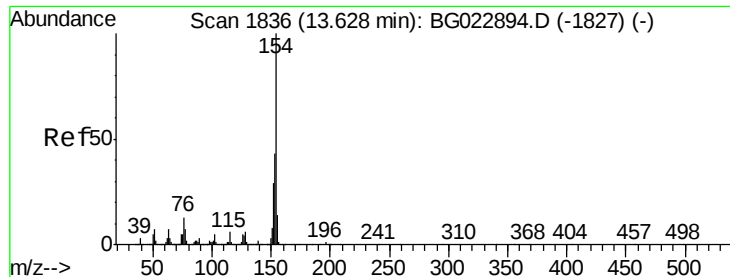
sohil
7/8/2016 7:23:27 PM



#44
2-Fluorobiphenyl
Concen: 74.84 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1696758		
171	40.1	31.6	47.4	
170	26.0	21.3	31.9	





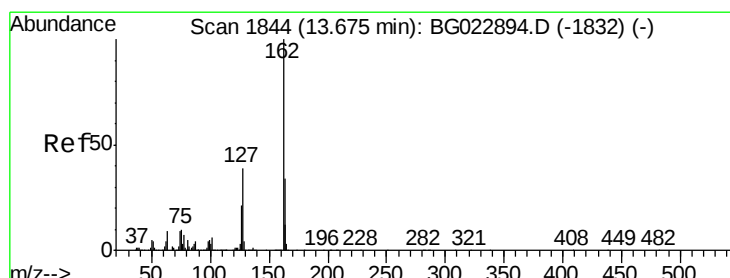
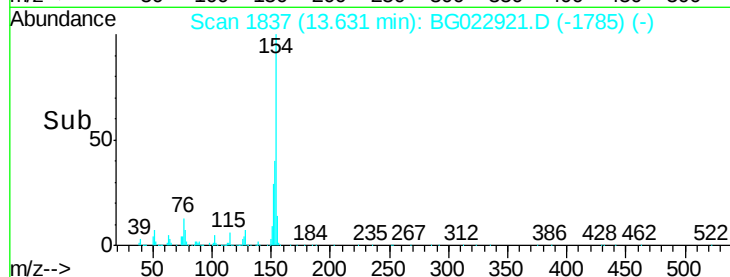
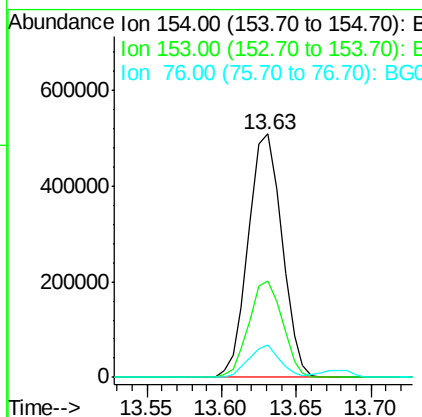
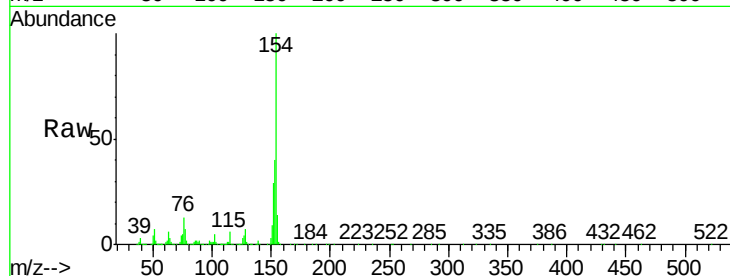
#45
 1,1'-Biphenyl
 Concen: 29.74 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	13.2	0.0	32.9

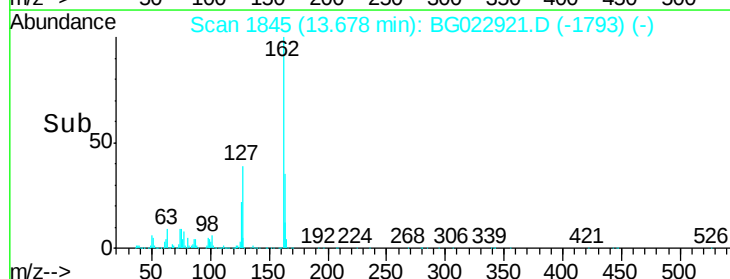
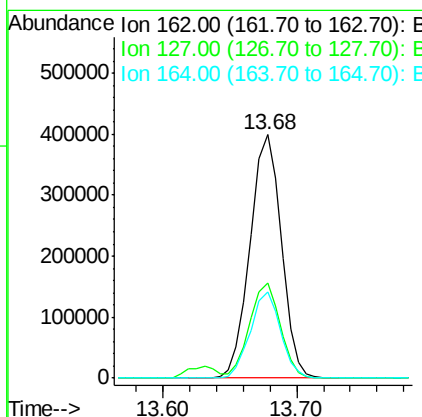
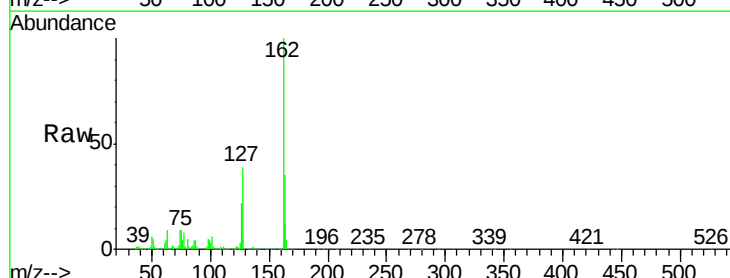
Manual Integrations

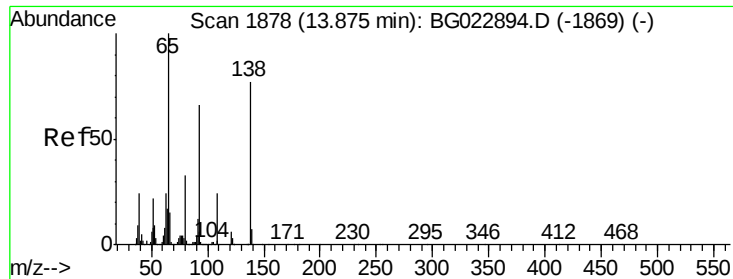
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#46
 2-Chloronaphthalene
 Concen: 29.65 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.4	48.6
164	35.3	25.2	37.8





#47

2-Nitroaniline

Concen: 30.21 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

B-2MS

Tot Ion: 65 Resp: 280200

Ion Ratio Lower Upper

65 100

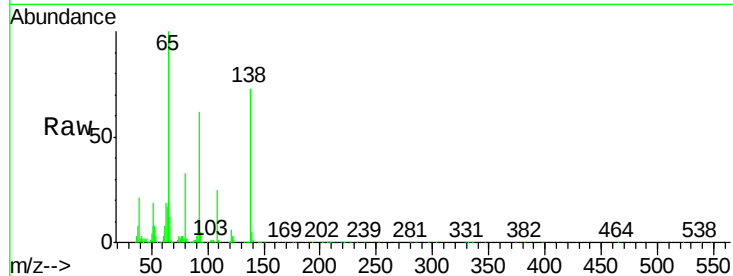
92 61.8 49.4 74.0

138 73.1 58.0 87.0

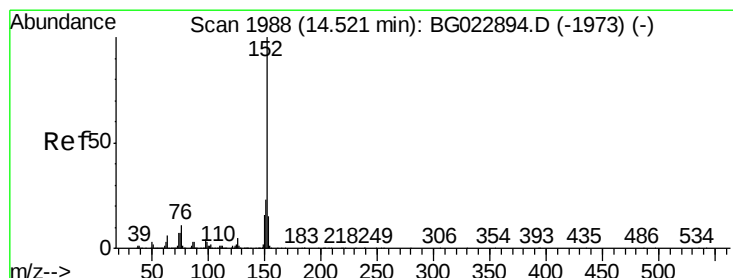
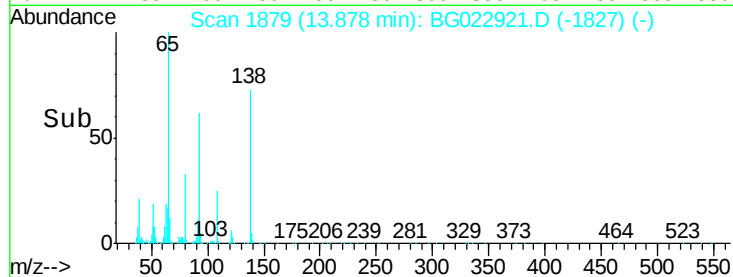
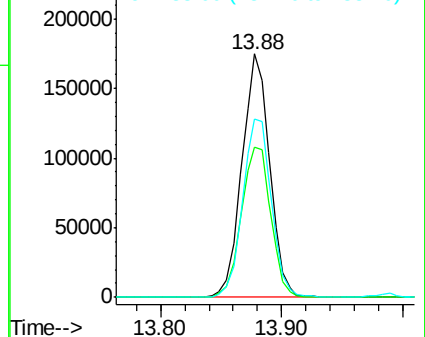
Manual Integrations

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Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 30.31 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

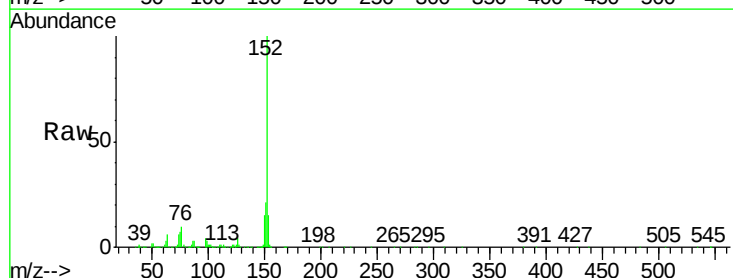
Tgt Ion: 152 Resp: 988311

Ion Ratio Lower Upper

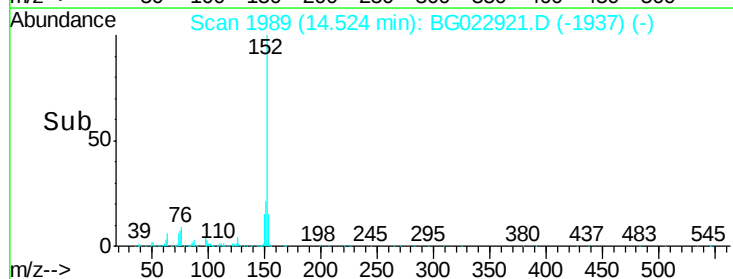
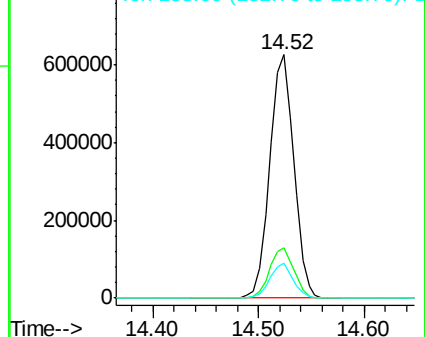
152 100

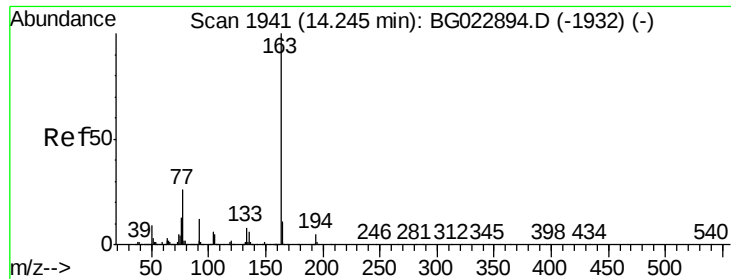
151 20.7 17.6 26.4

153 14.6 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





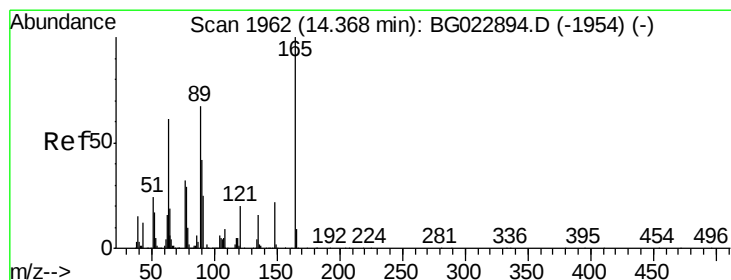
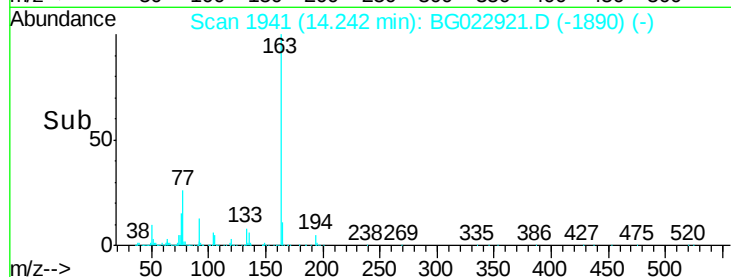
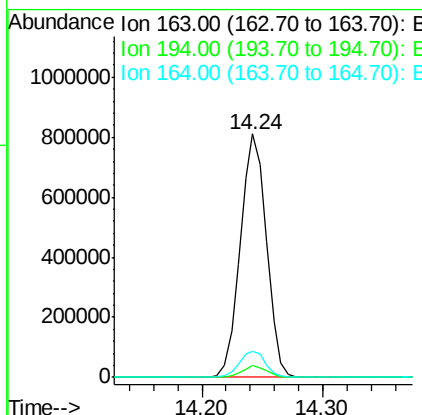
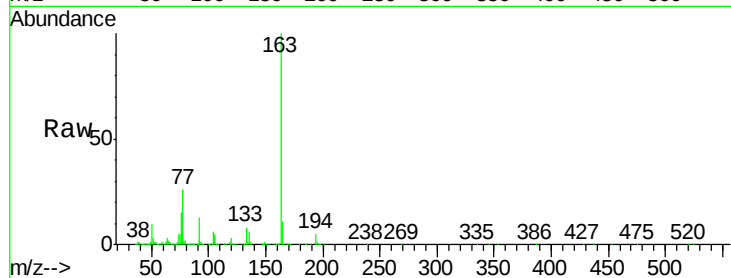
#49
Dimethylphthalate
Concen: 41.95 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion:163 Resp: 1223766
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 10.8 8.1 12.1

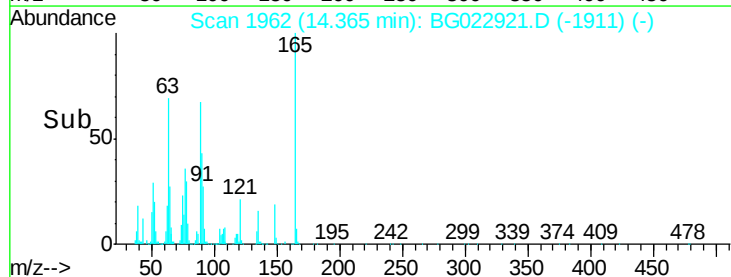
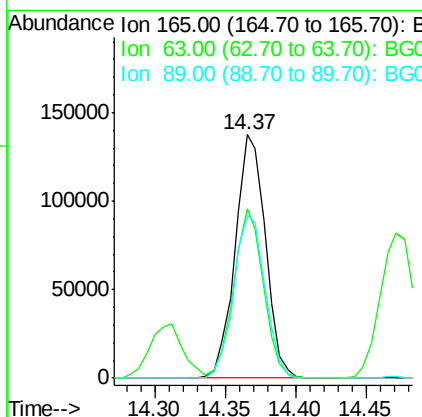
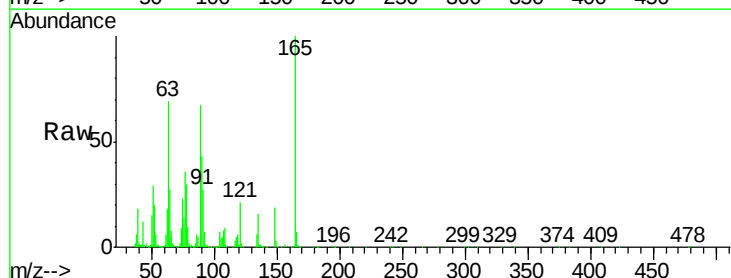
Manual Integrations

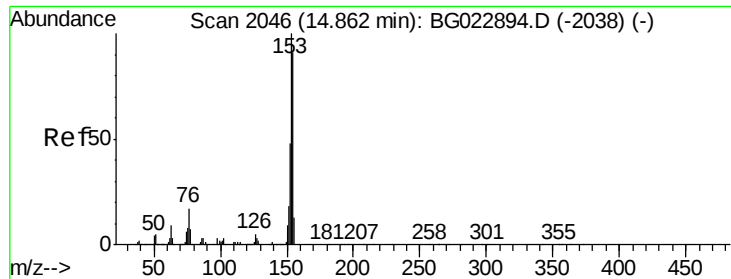
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#50
2,6-Dinitrotoluene
Concen: 31.38 ng
RT: 14.37 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion:165 Resp: 205699
Ion Ratio Lower Upper
165 100
63 69.4 64.3 96.5
89 66.8 64.3 96.5





#51

Acenaphthene

Concen: 30.49 ng

RT: 14.86 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

B-2MS

Tot Ion:154 Resp: 649679

Ion Ratio Lower Upper

154 100

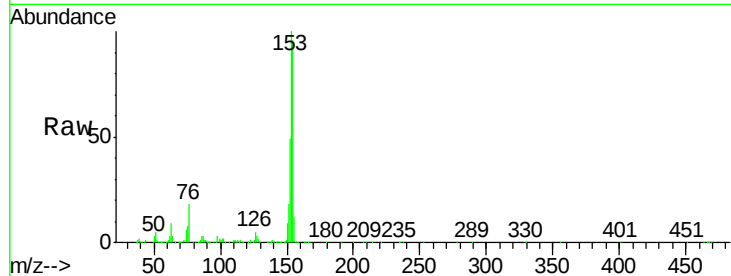
153 104.4 87.5 131.3

152 50.9 42.7 64.1

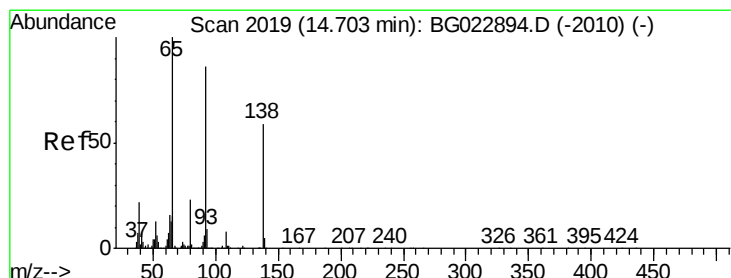
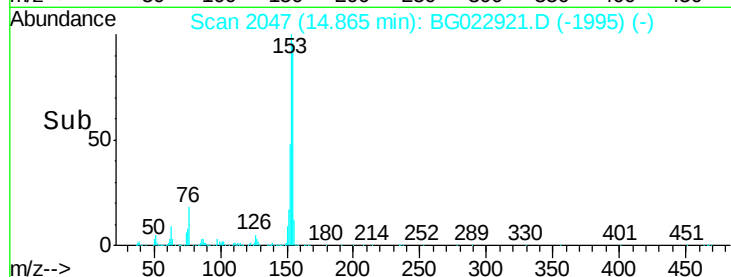
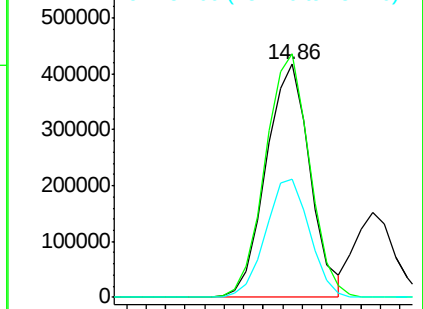
Manual Integrations

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.99 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

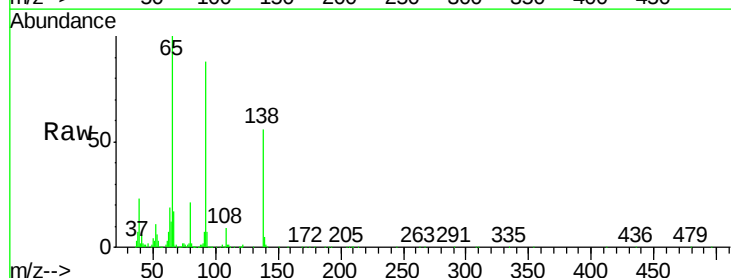
Tgt Ion:138 Resp: 176453

Ion Ratio Lower Upper

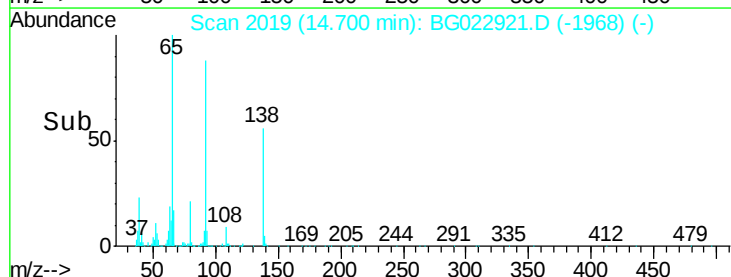
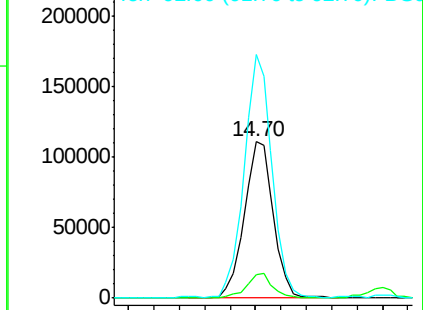
138 100

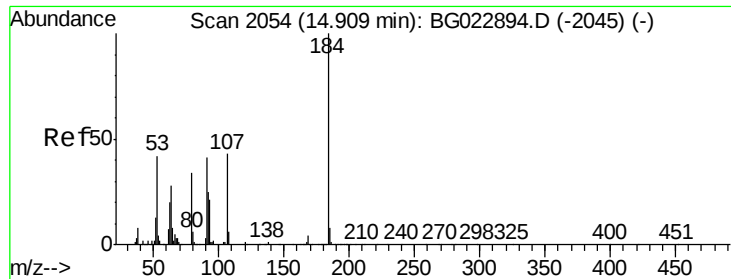
108 15.2 11.7 17.5

92 155.7 129.7 194.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





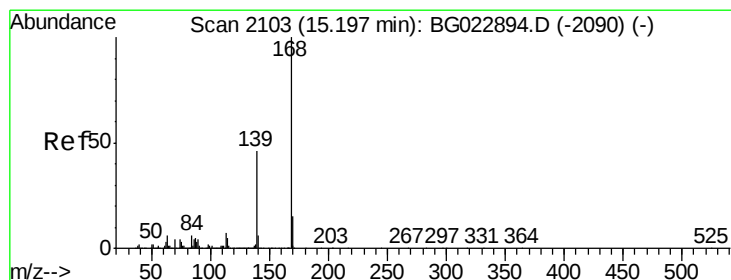
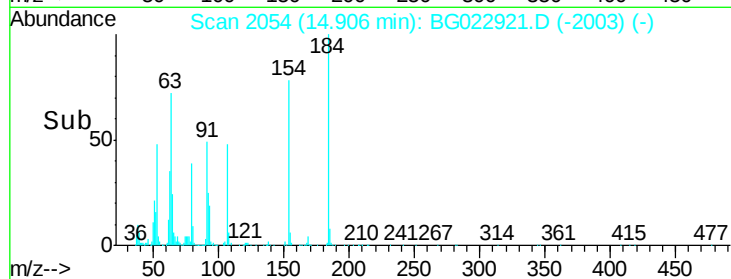
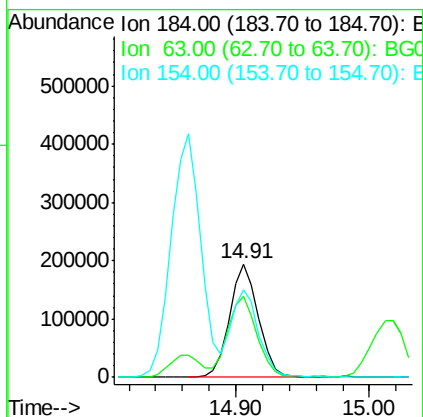
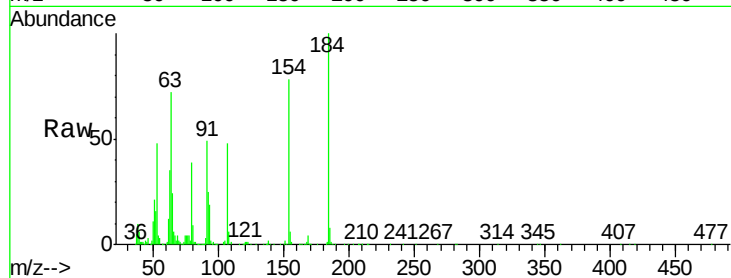
#53
2,4-Dinitrophenol
Concen: 64.93 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.7	59.6	89.4
154	77.6	67.4	101.0

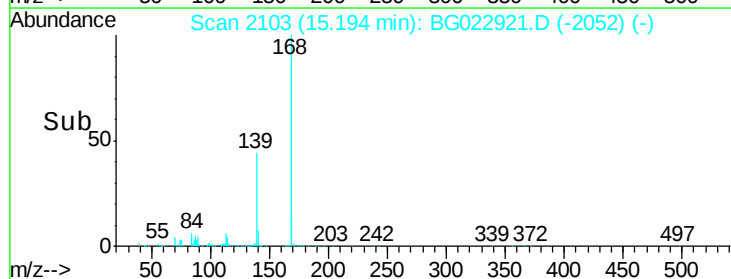
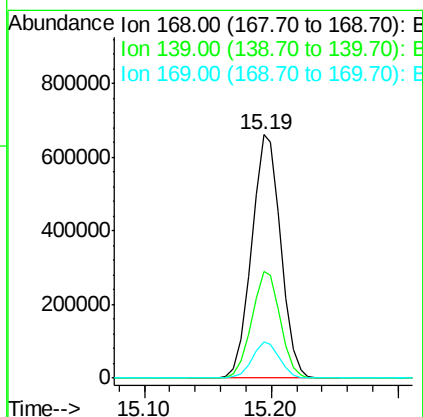
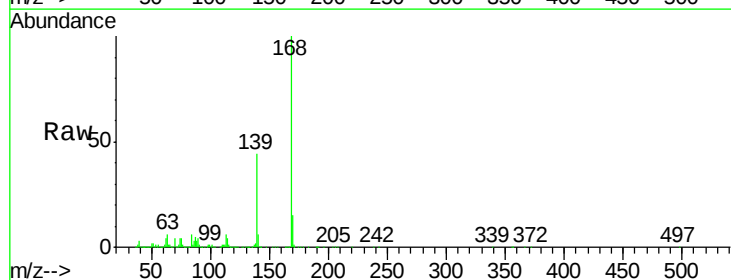
Manual Integrations

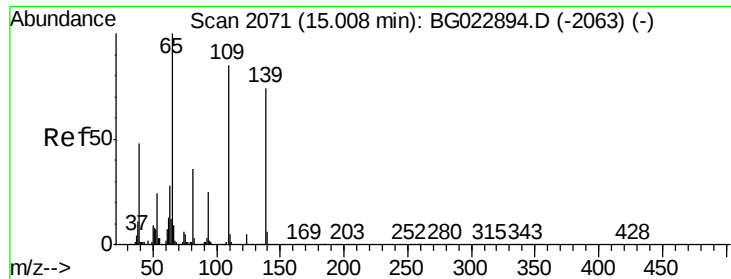
sohil
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#54
Dibenzofuran
Concen: 32.95 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.0	36.4	54.6
169	14.7	11.9	17.9





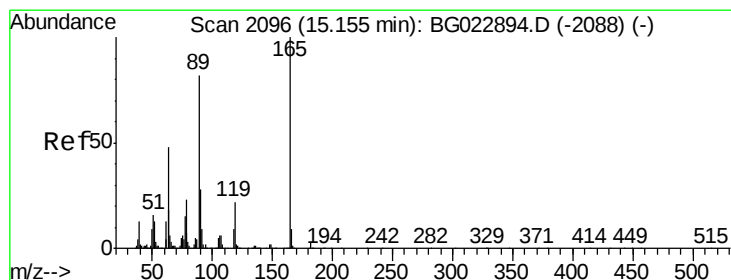
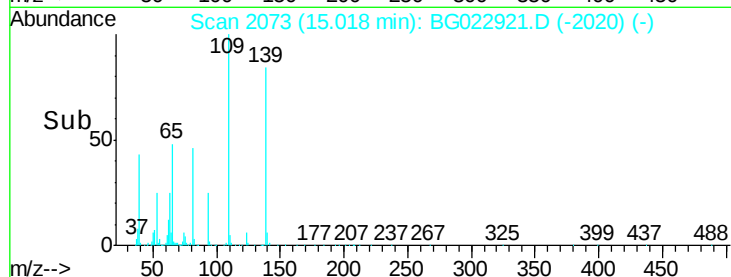
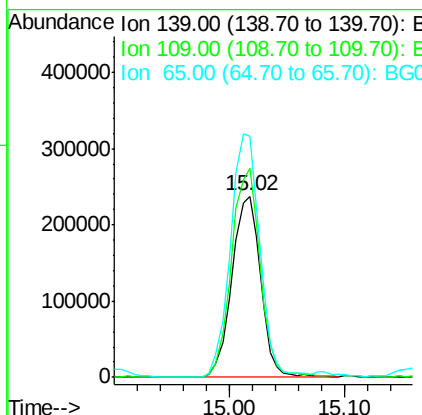
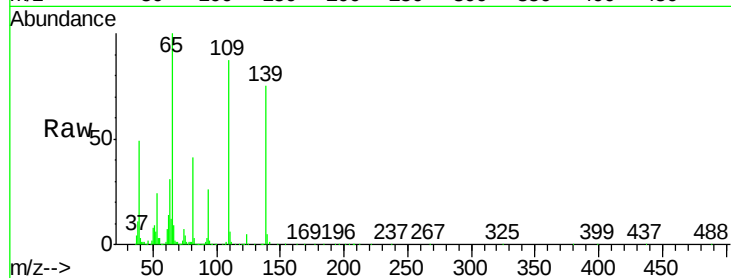
#55
4-Nitrophenol
Concen: 74.93 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	115.4	103.0	143.0
65	133.1	112.7	152.7

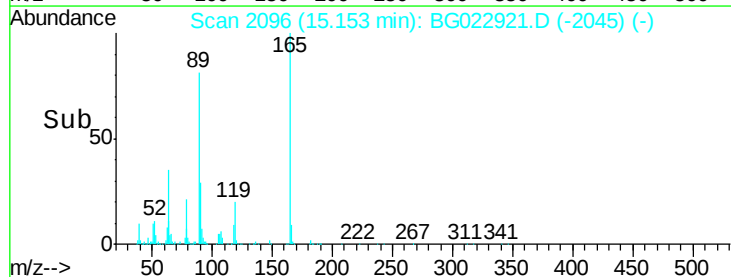
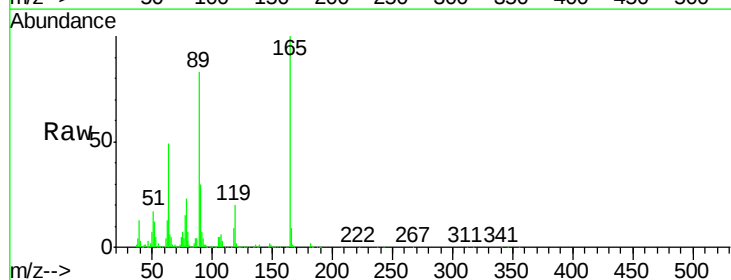
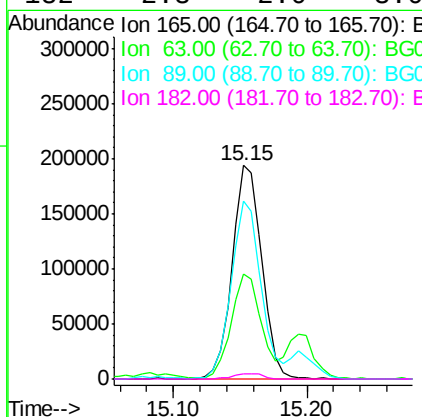
Manual Integrations

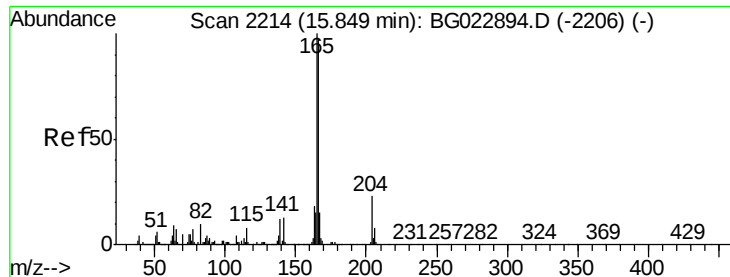
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#56
2,4-Dinitrotoluene
Concen: 31.22 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.9	45.8	68.6
89	83.4	68.6	102.8
182	2.3	2.0	3.0





#57

Fluorene

Concen: 30.39 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

B-2MS

Tot Ion:166 Resp: 834298

Ion Ratio Lower Upper

166 100

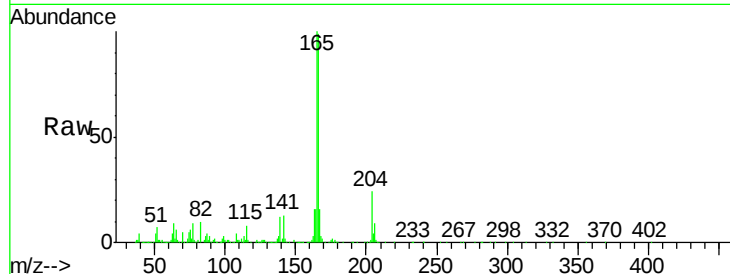
165 101.5 81.0 121.6

167 16.1 12.0 18.0

Manual Integrations

sohil

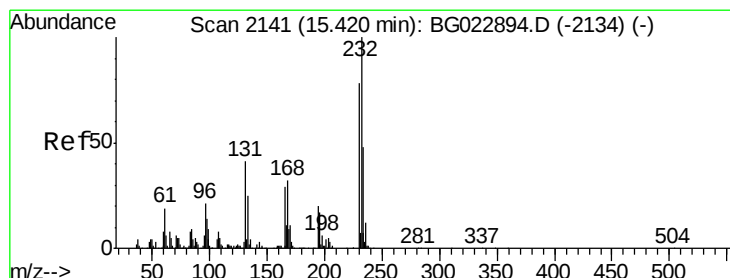
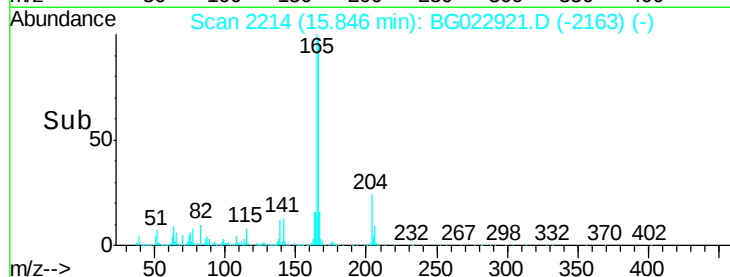
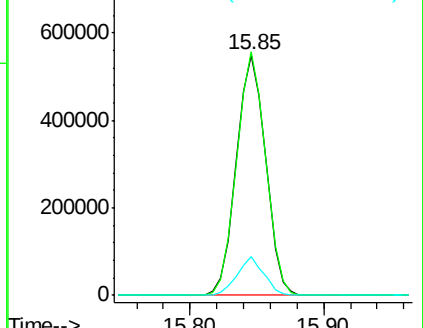
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.53 ng

RT: 15.42 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tgt Ion:232 Resp: 304701

Ion Ratio Lower Upper

232 100

131 38.8 32.7 49.1

130 2.4 2.6 3.8#

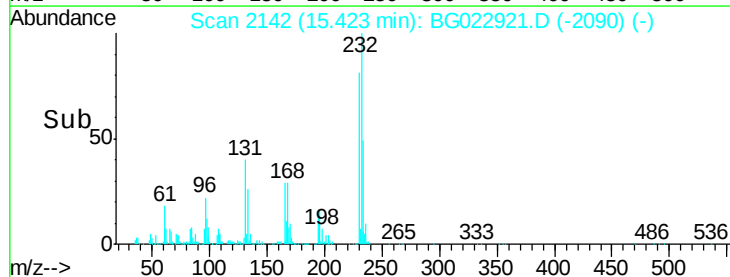
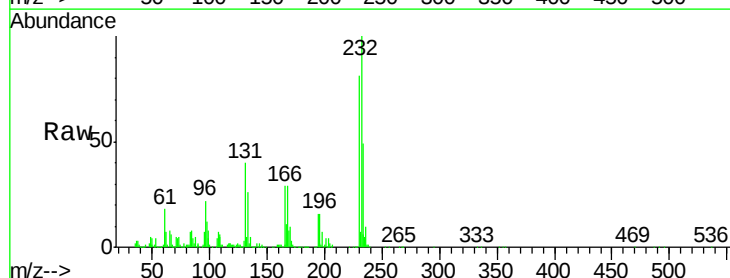
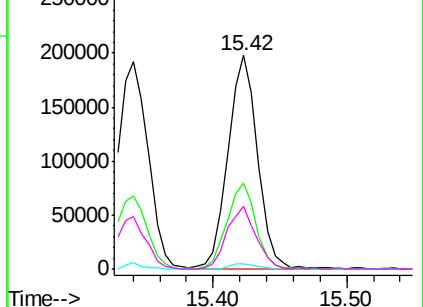
166 28.6 23.0 34.6

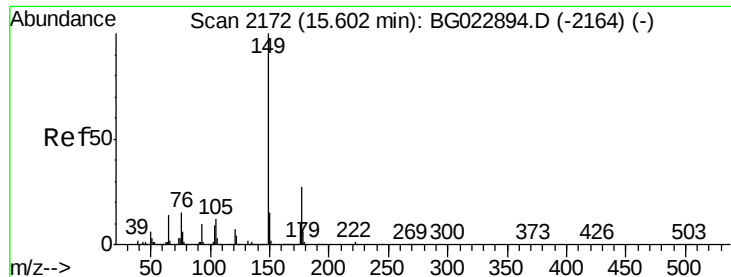
Abundance Ion 232.00 (231.70 to 232.70): E

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





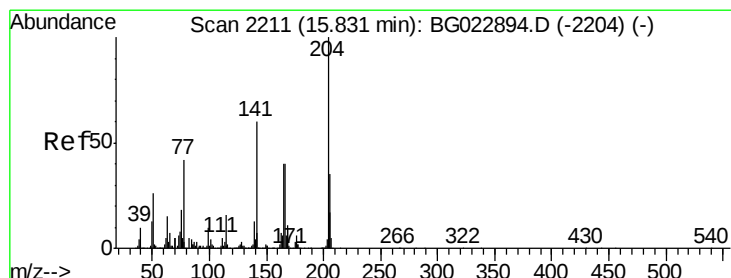
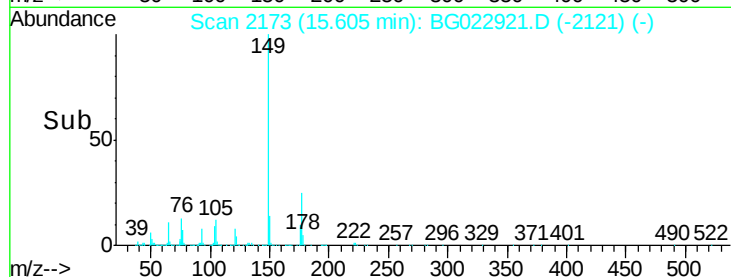
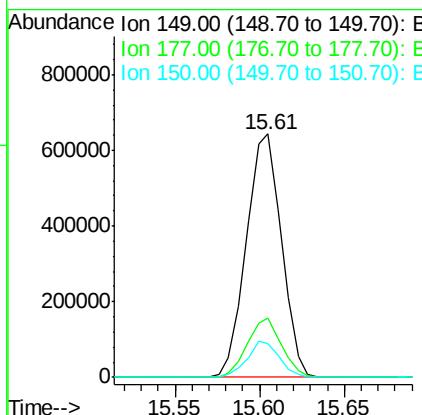
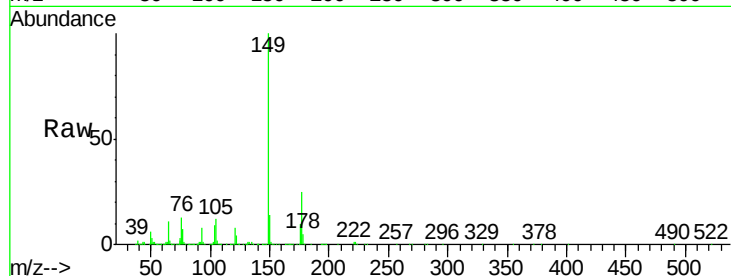
#59
Diethylphthalate
Concen: 31.38 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
177	24.6	19.2	28.8	
150	14.1	10.6	16.0	

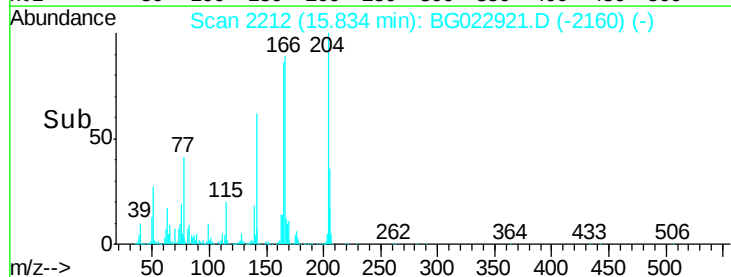
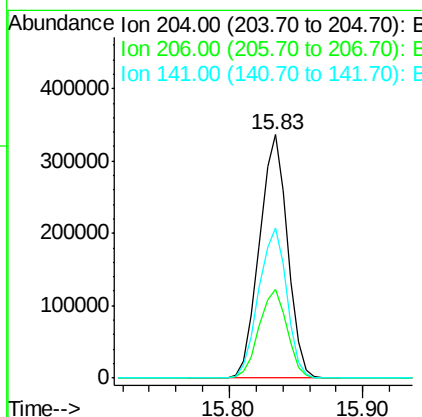
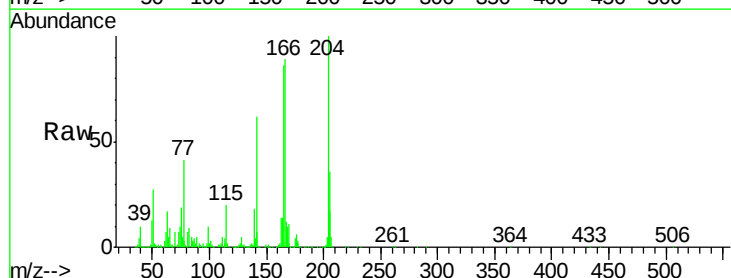
Manual Integrations

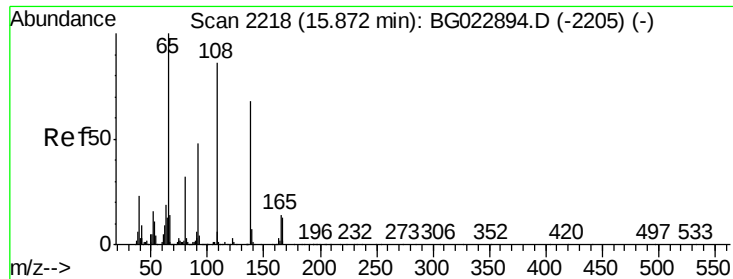
sohil
7/8/2016 7:23:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 29.16 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ion	Ratio	Lower	Upper
204	100			
206	36.4	28.5	42.7	
141	61.7	51.4	77.0	





#61

4-Nitroaniline

Concen: 27.31 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

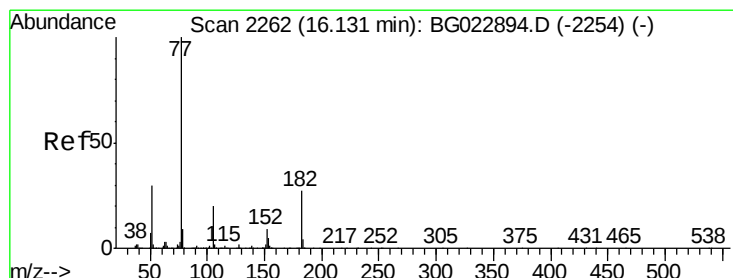
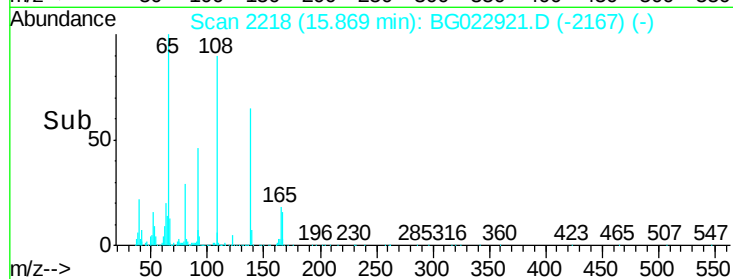
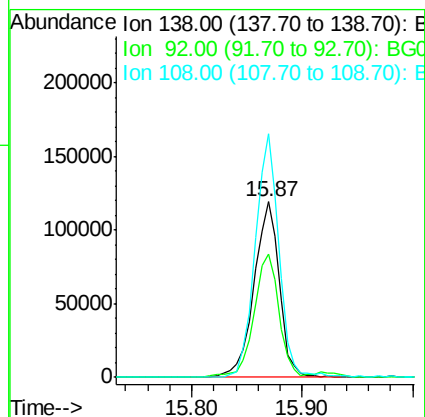
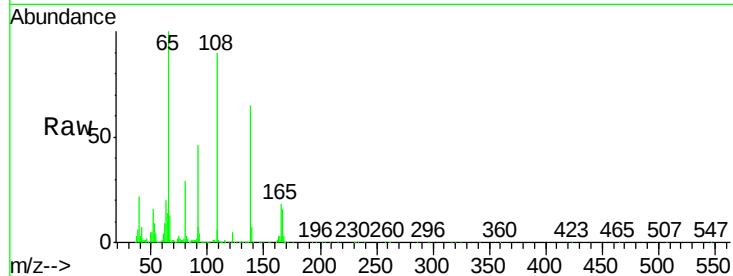
B-2MS

Tot Ion:	138	Resp:	193194
Ion	Ratio	Lower	Upper
138	100		
92	70.4	54.1	94.1
108	138.7	133.9	173.9

Manual Integrations

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#62

Azobenzene

Concen: 33.93 ng

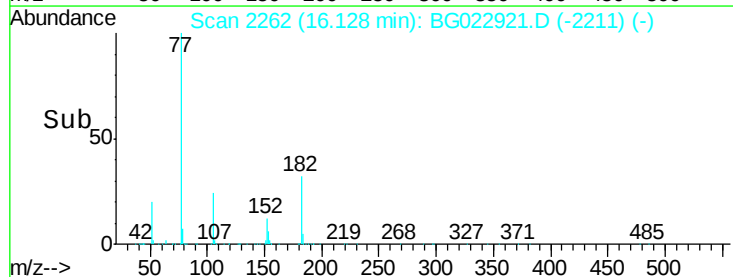
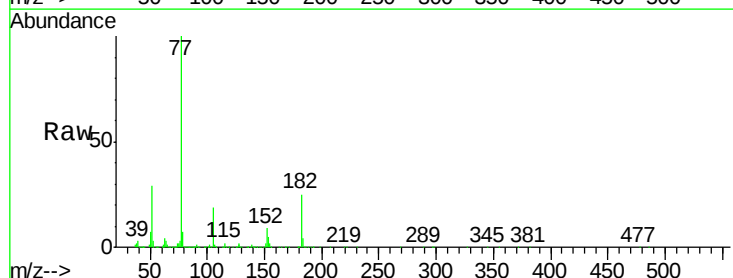
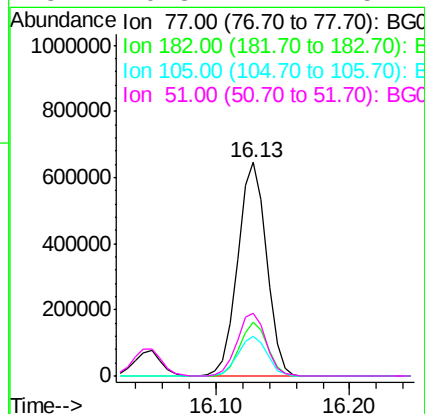
RT: 16.13 min Scan# 2262

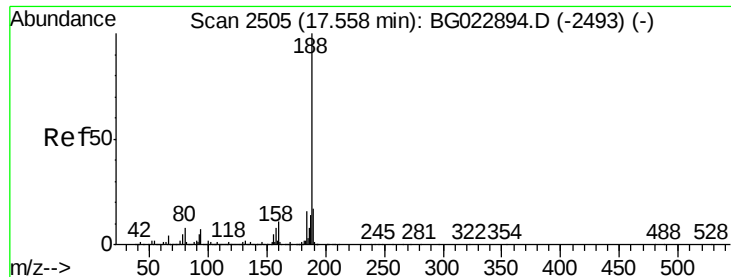
Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tgt Ion:	77	Resp:	963306
Ion	Ratio	Lower	Upper
77	100		
182	25.2	3.5	43.5
105	18.9	0.0	38.5
51	29.3	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

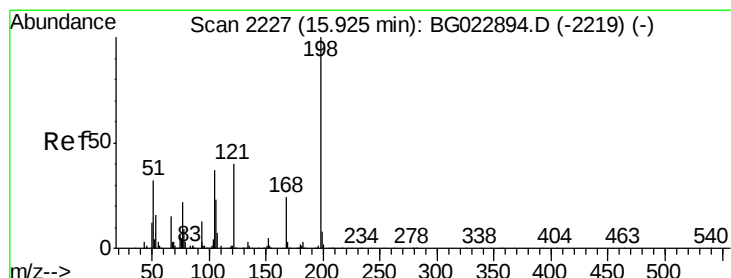
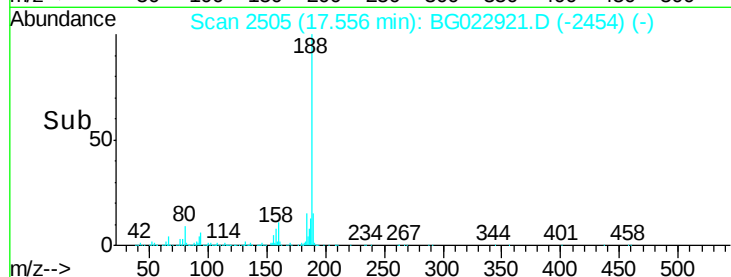
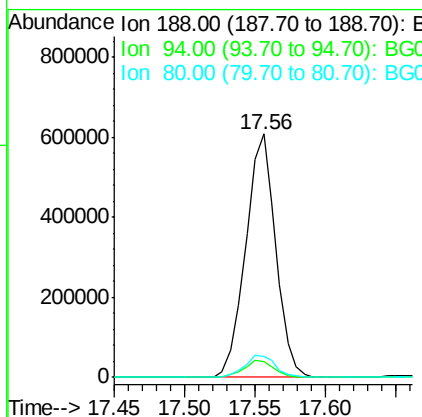
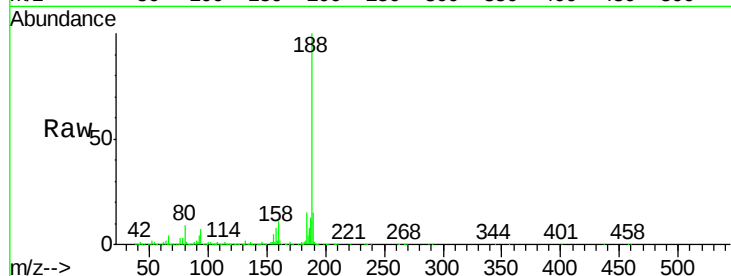
B-2MS

Tot Ion:	188	Resp:	903364
Ion Ratio	Lower	Upper	
188	100		
94	6.5	5.2	7.8
80	8.5	7.2	10.8

Manual Integrations

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#64

4,6-Dinitro-2-methylphenol

Concen: 28.75 ng

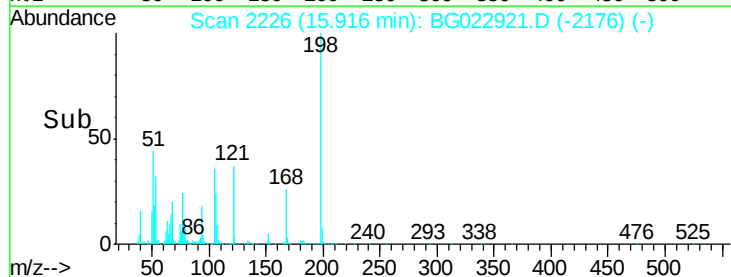
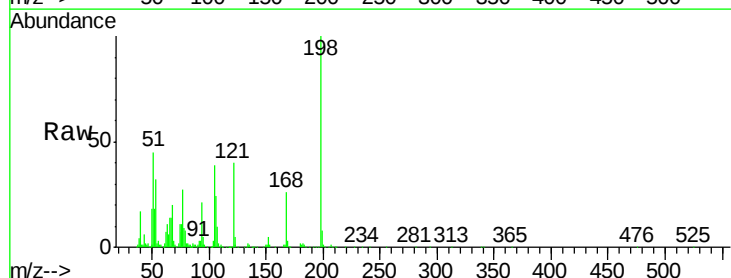
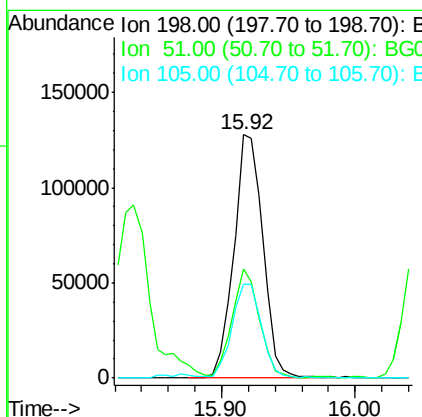
RT: 15.92 min Scan# 2226

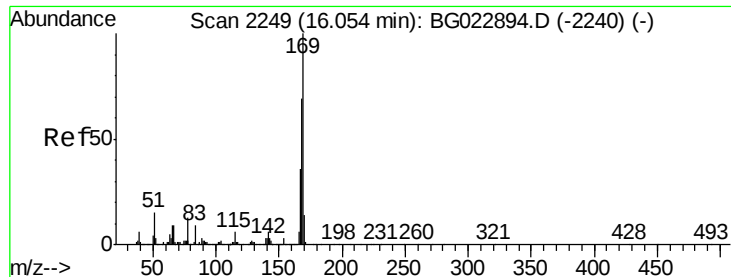
Delta R.T. -0.01 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tgt Ion:	198	Resp:	193017
Ion Ratio	Lower	Upper	
198	100		
51	44.9	26.0	66.0
105	38.6	20.1	60.1





#65

n-Nitrosodiphenylamine

Concen: 30.25 ng

RT: 16.05 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

B-2MS

Tot Ion:169 Resp: 787183

Ion Ratio Lower Upper

169 100

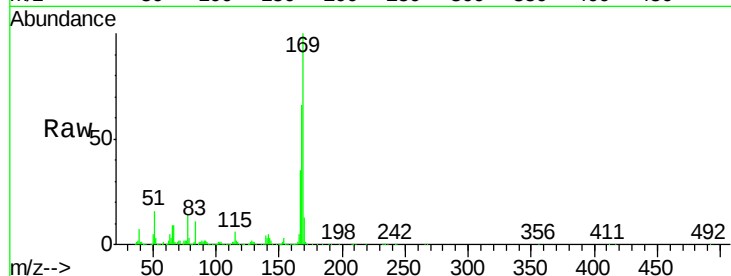
168 65.9 55.0 82.4

167 35.4 27.4 41.0

Manual Integrations

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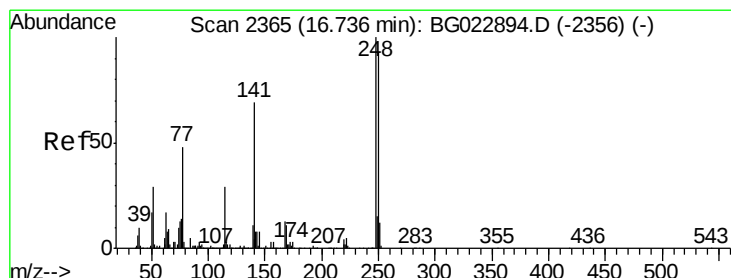
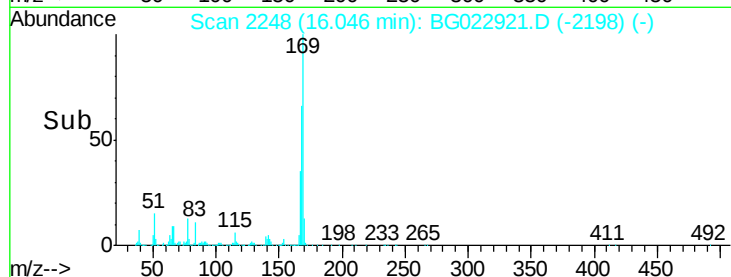
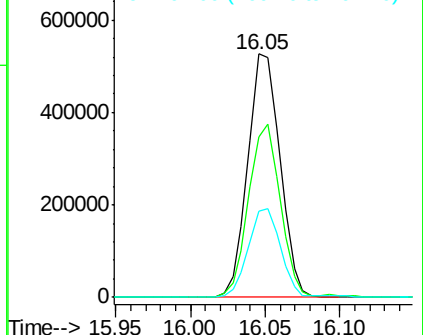
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 28.45 ng

RT: 16.73 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

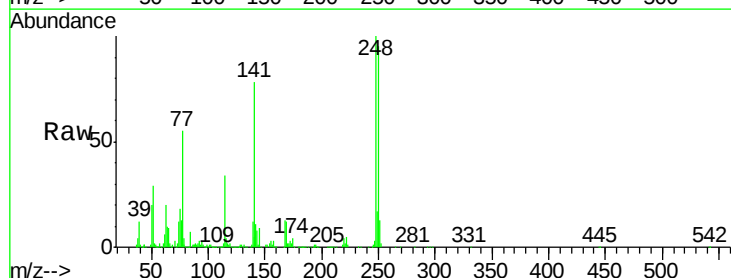
Tgt Ion:248 Resp: 334346

Ion Ratio Lower Upper

248 100

250 95.3 77.8 116.8

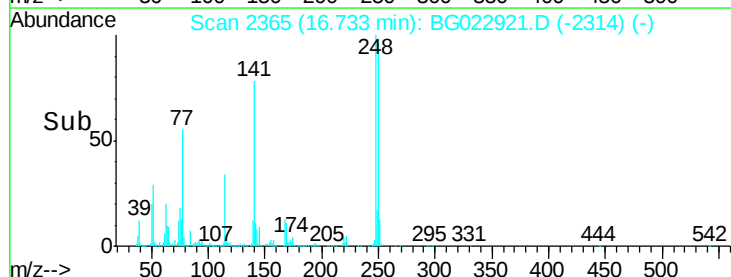
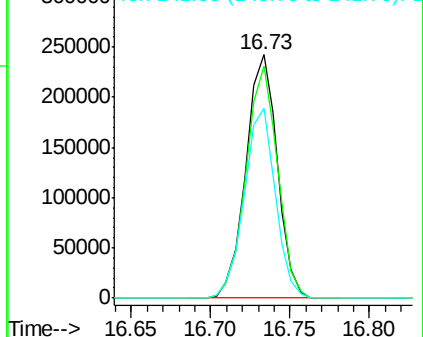
141 78.2 65.7 98.5

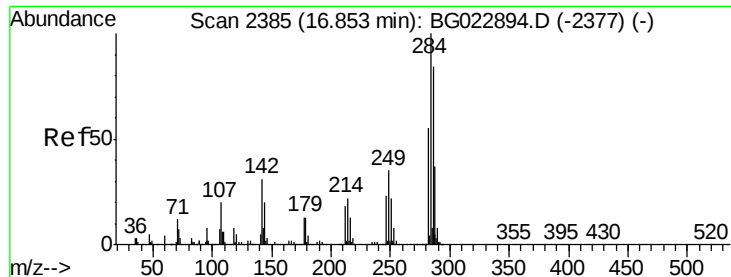


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





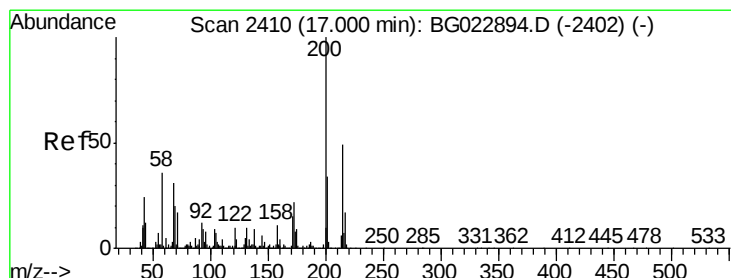
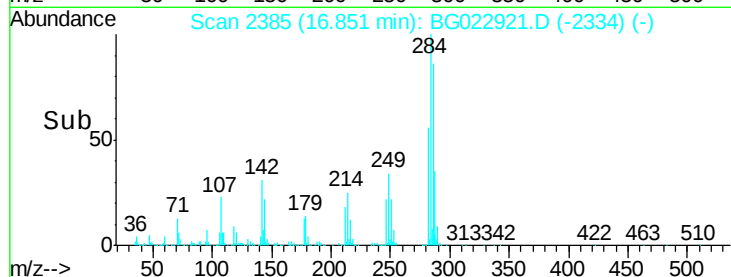
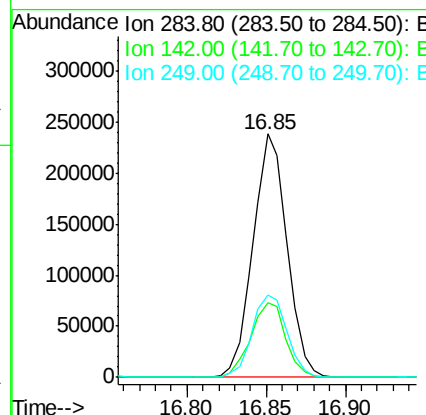
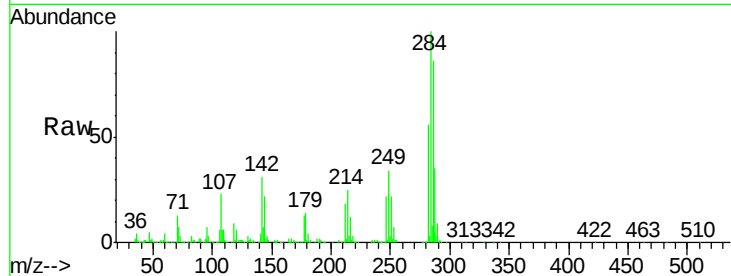
#67
Hexachlorobenzene
Concen: 27.78 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.7	26.8	40.2
249	33.9	28.9	43.3

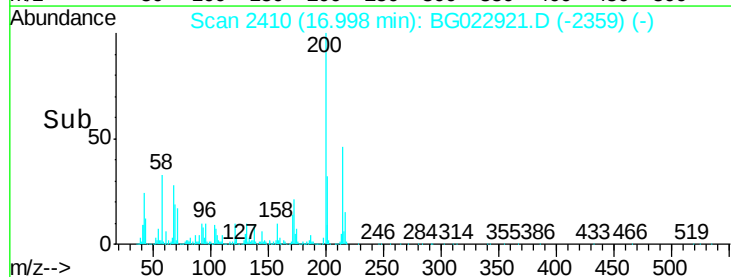
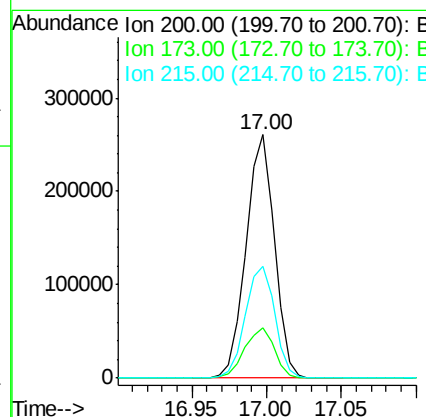
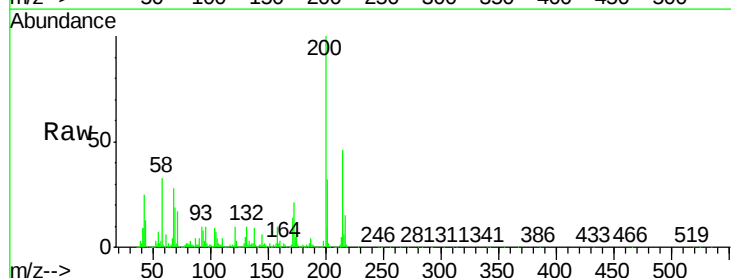
Manual Integrations

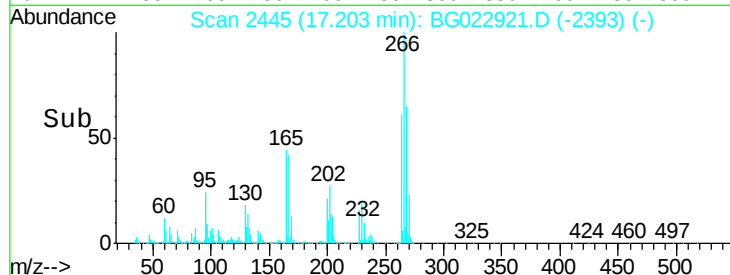
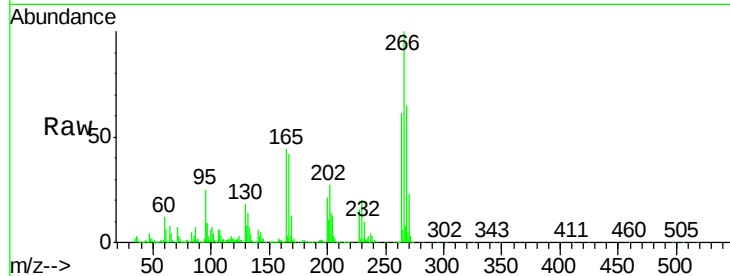
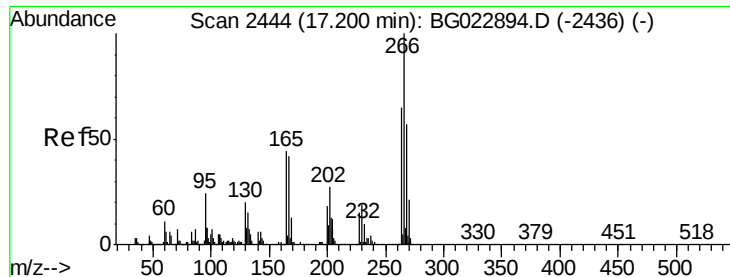
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#68
Atrazine
Concen: 29.71 ng
RT: 17.00 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	20.7	1.6	41.6
215	46.1	28.7	68.7





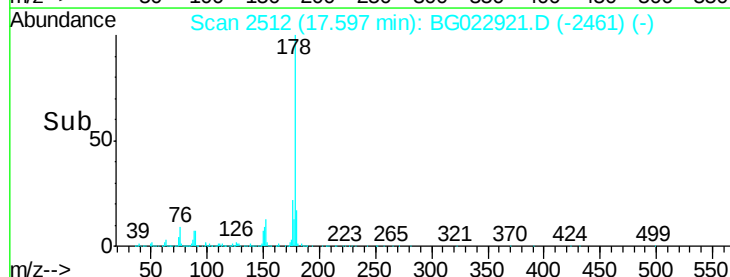
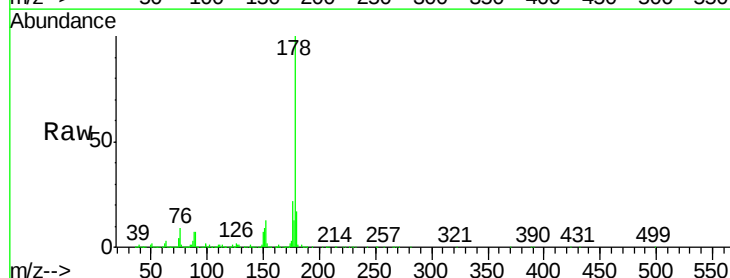
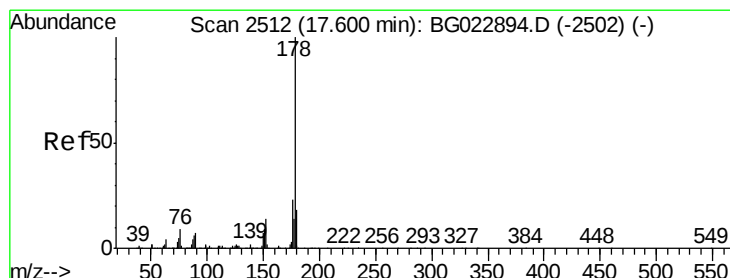
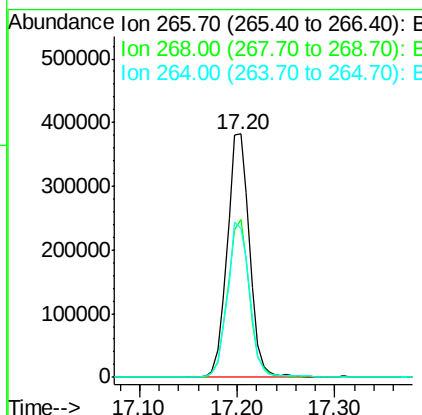
#69
 Pentachlorophenol
 Concen: 73.44 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	61.1	50.6	75.8

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

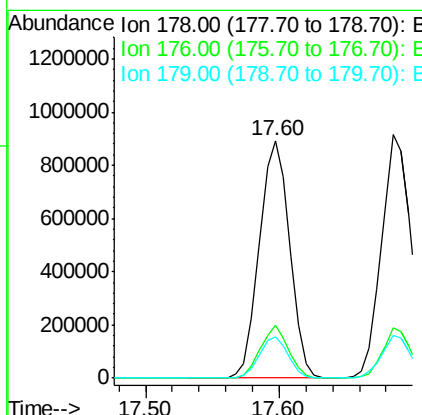
Manual Integrations

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#70
 Phenanthrene
 Concen: 31.57 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.3	16.8	25.2
179	17.3	14.3	21.5





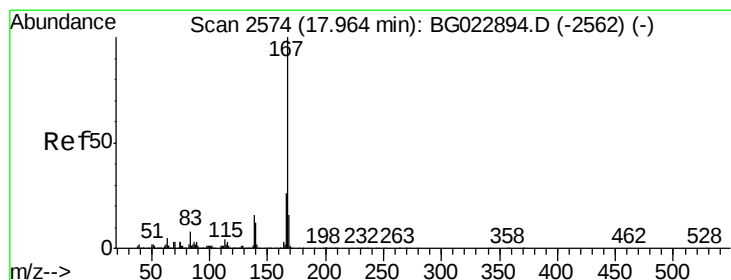
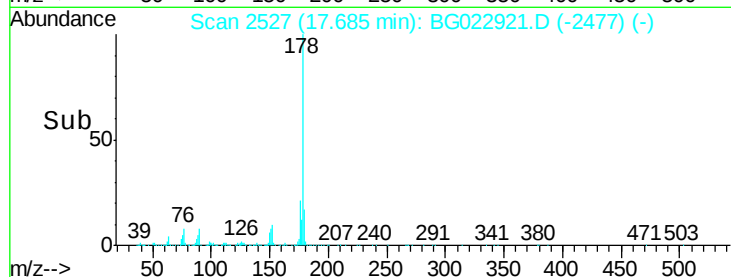
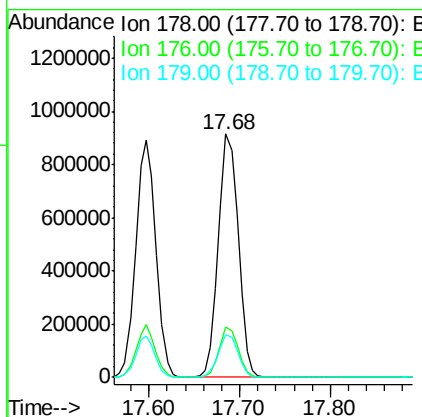
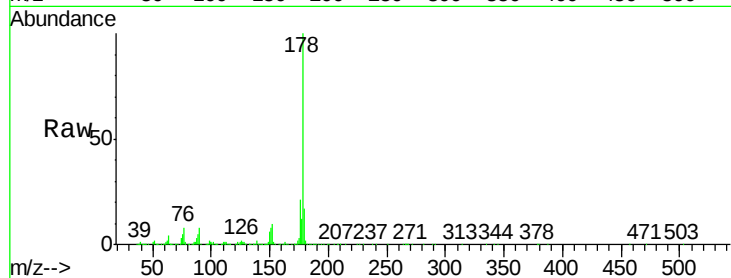
#71
 Anthracene
 Concen: 31.33 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

Tot Ion:178 Resp: 1404507
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.3 25.9
 179 17.3 14.0 21.0

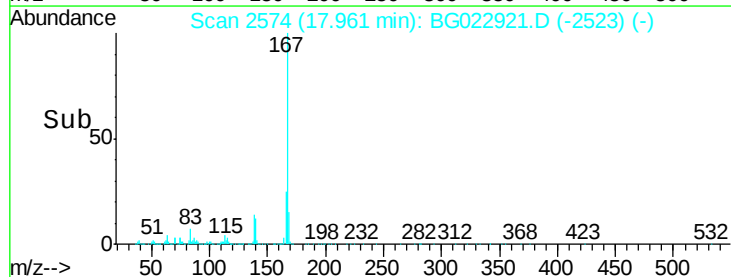
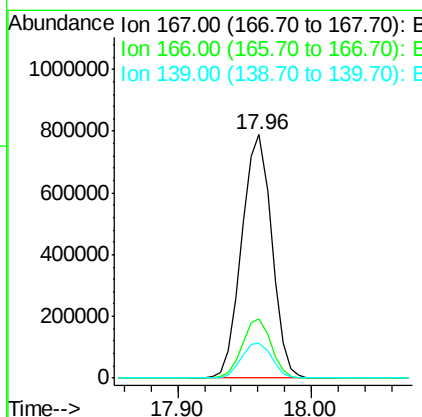
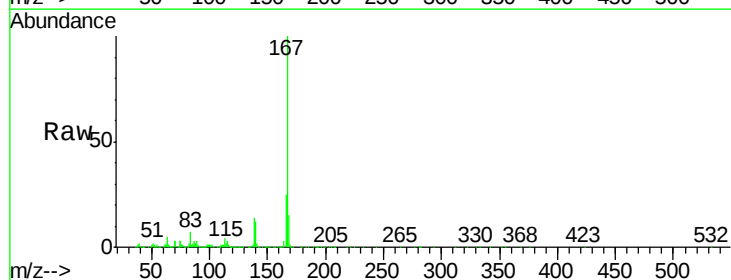
Manual Integrations

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#72
 Carbazole
 Concen: 31.54 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Tgt Ion:167 Resp: 1221718
 Ion Ratio Lower Upper
 167 100
 166 24.6 20.7 31.1
 139 14.3 11.9 17.9





#73

Di-n-butylphthalate

Concen: 33.05 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

B-2MS

Tot Ion:149 Resp: 1423764

Ion Ratio Lower Upper

149 100

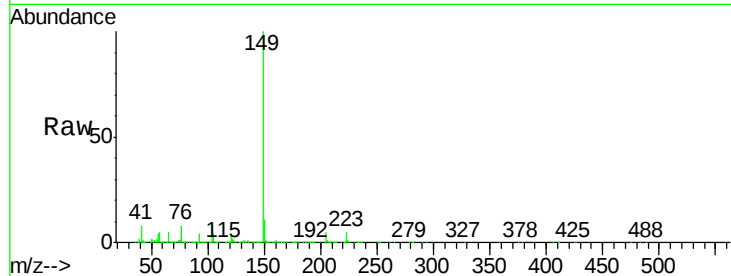
150 11.4 9.1 13.7

104 7.8 6.9 10.3

Manual Integrations

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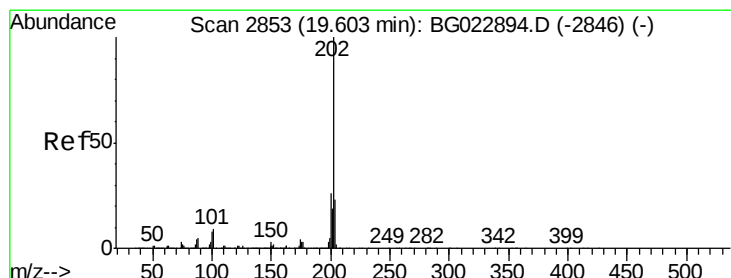
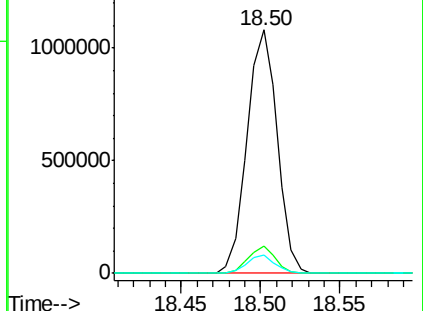
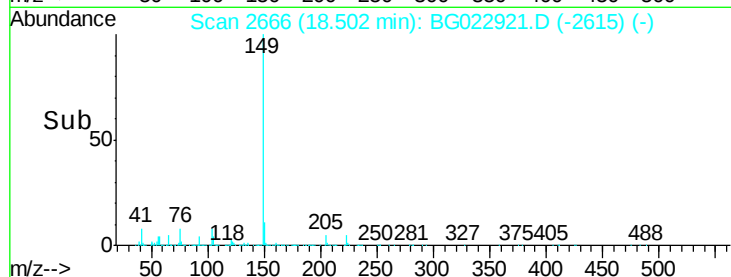
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.47 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

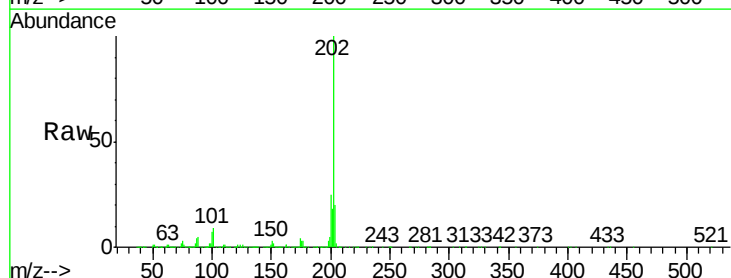
Tgt Ion:202 Resp: 1655308

Ion Ratio Lower Upper

202 100

101 8.6 0.0 27.4

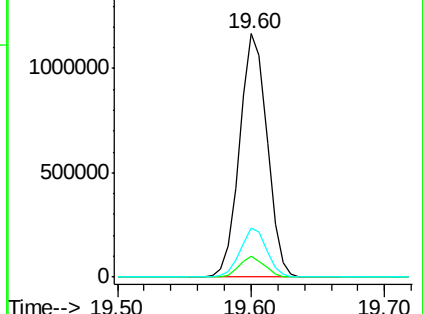
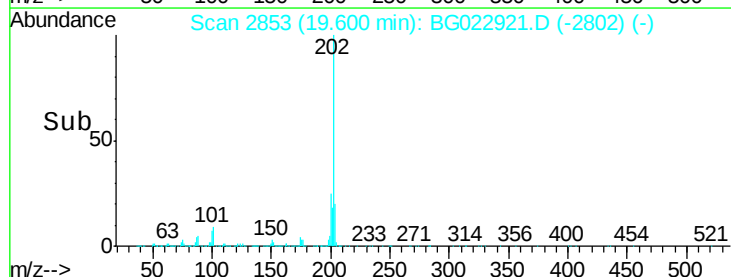
203 20.4 1.7 41.7

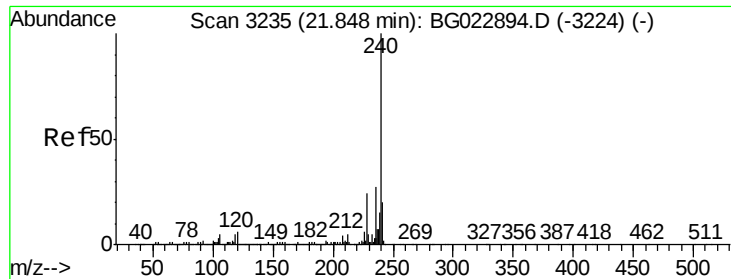


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

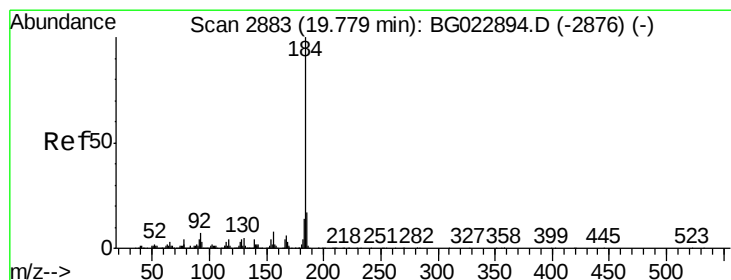
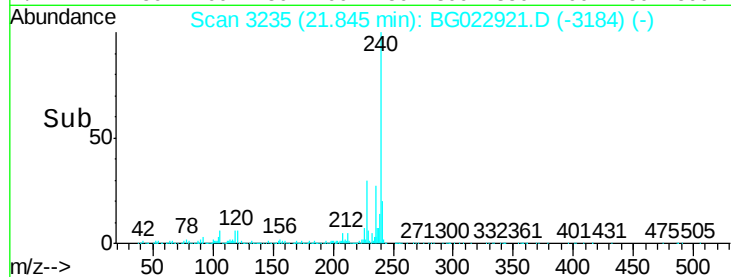
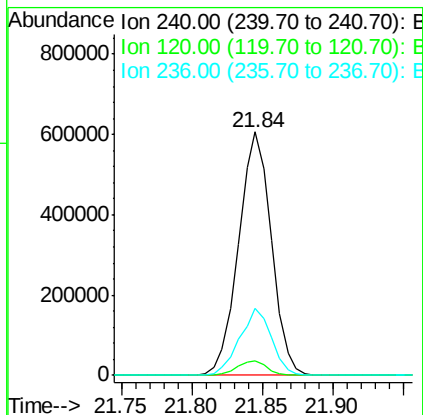
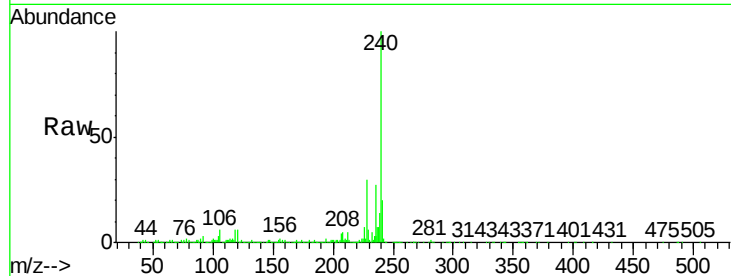
B-2MS

Tot Ion:	240	Resp:	980281
Ion Ratio	Lower	Upper	
240	100		
120	6.2	4.1	6.1#
236	27.3	21.1	31.7

Manual Integrations

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#76

Benzidine

Concen: 47.48 ng

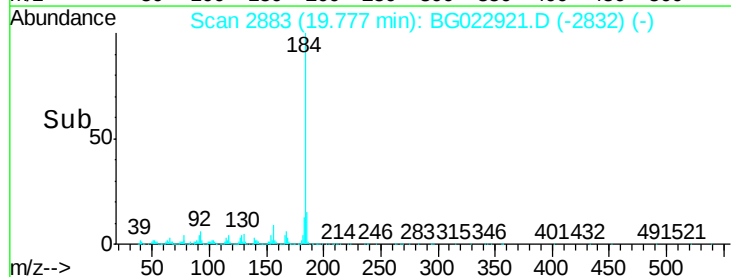
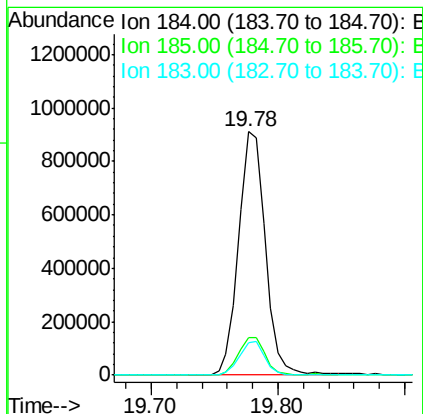
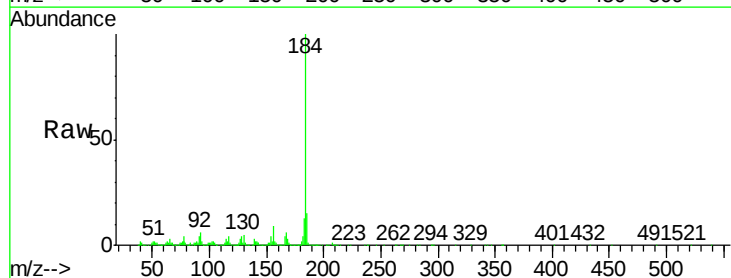
RT: 19.78 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Tgt Ion:	184	Resp:	1334368
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	19.0
183	13.2	10.7	16.1





#77

Pvrene

Concen: 30.02 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

B-2MS

Tot Ion:202 Resp: 1653493

Ion	Ratio	Lower	Upper
202	100		
200	24.5	21.2	31.8
203	20.7	16.8	25.2

202 100

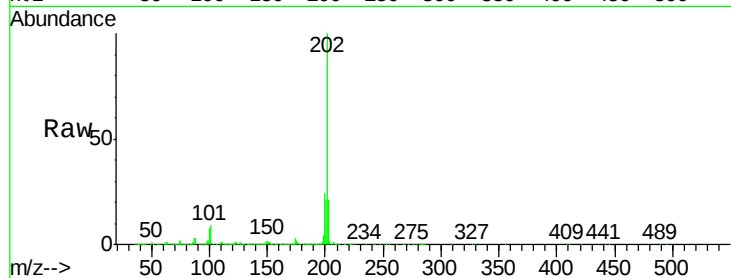
200 24.5 21.2 31.8

203 20.7 16.8 25.2

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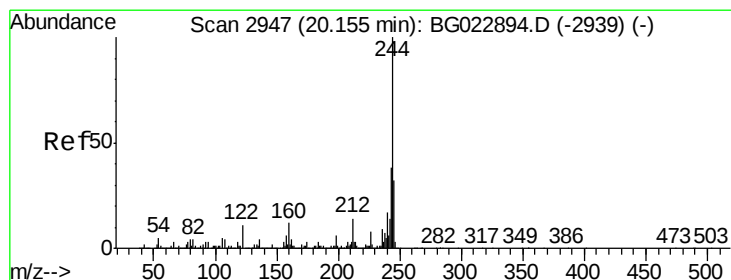
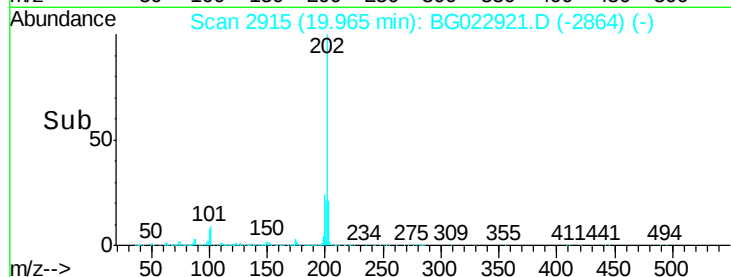
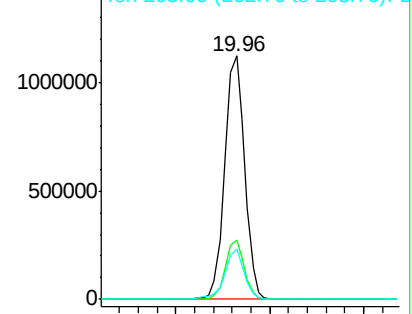


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.56 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

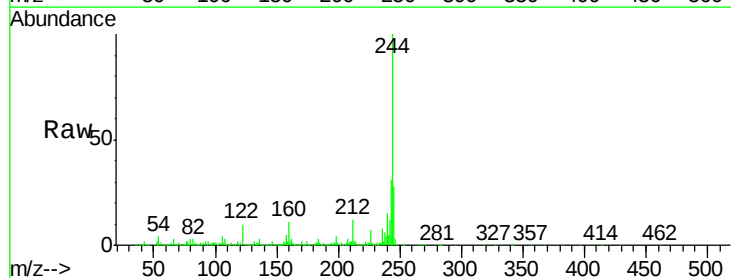
Tgt Ion:244 Resp: 2519516

Ion	Ratio	Lower	Upper
244	100		
212	12.2	10.8	16.2
122	9.6	8.0	12.0

244 100

212 12.2 10.8 16.2

122 9.6 8.0 12.0

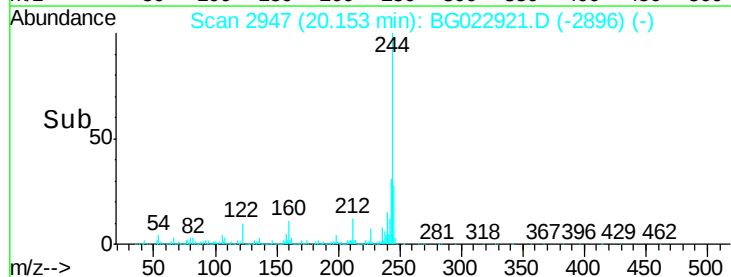
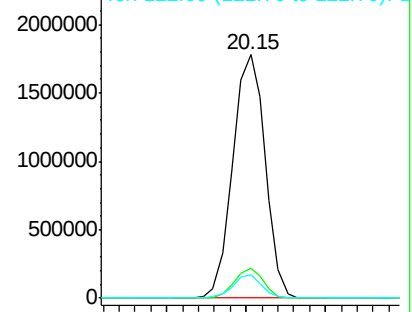


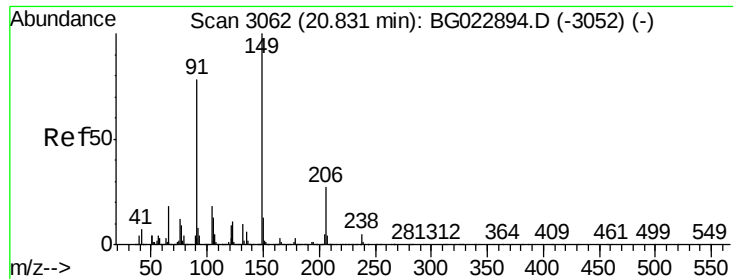
Abundance

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





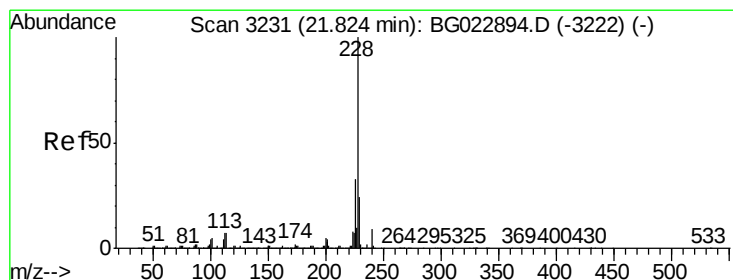
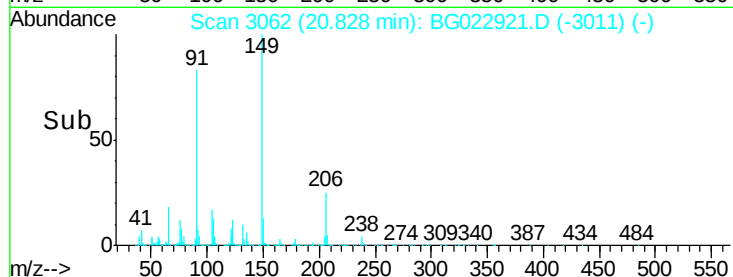
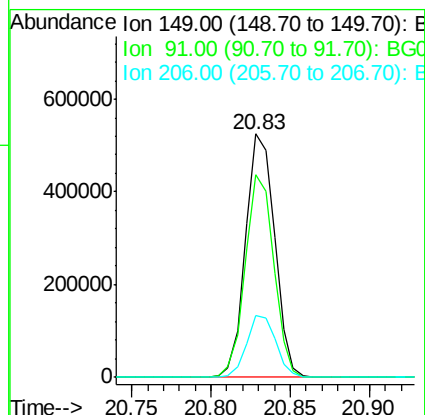
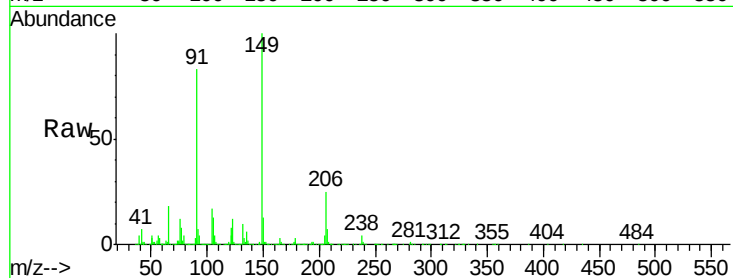
#79
Butylbenzylphthalate
Concen: 30.55 ng
RT: 20.83 min Scan# 3062
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.4	68.1	102.1
206	25.4	19.8	29.6

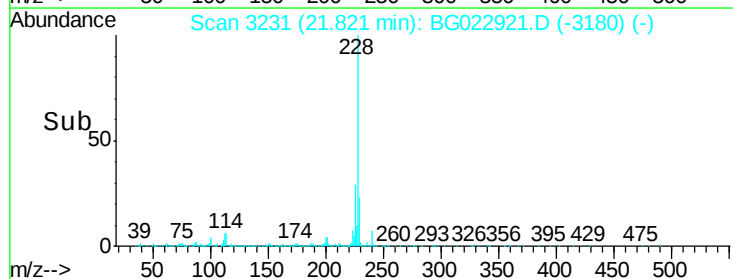
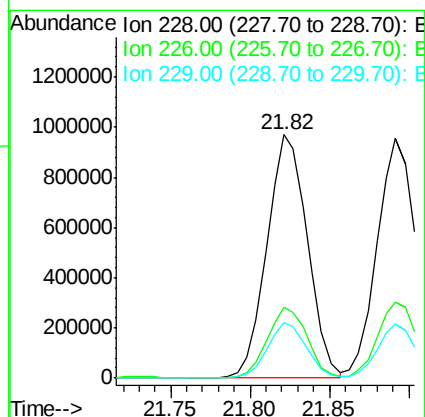
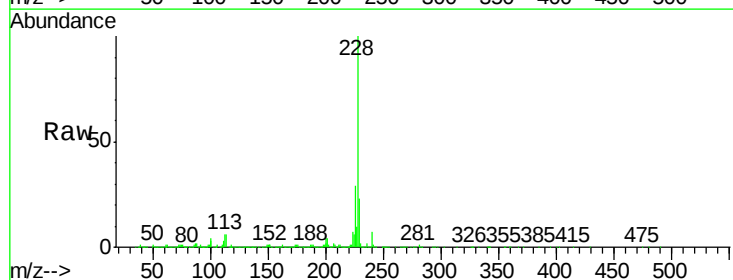
Manual Integrations

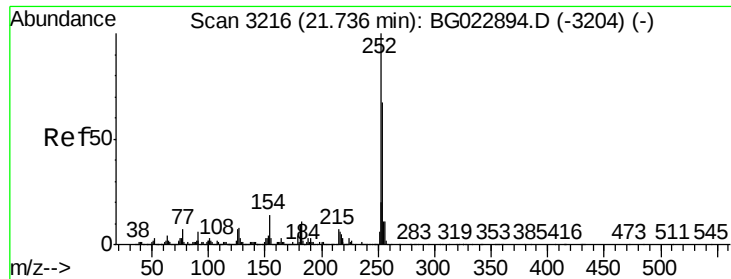
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#80
Benzo(a)anthracene
Concen: 31.31 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.3	37.9
229	22.8	19.9	29.9





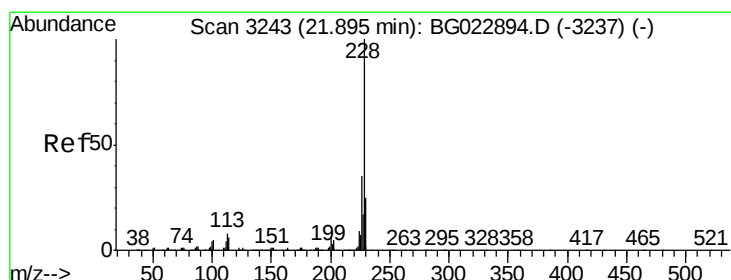
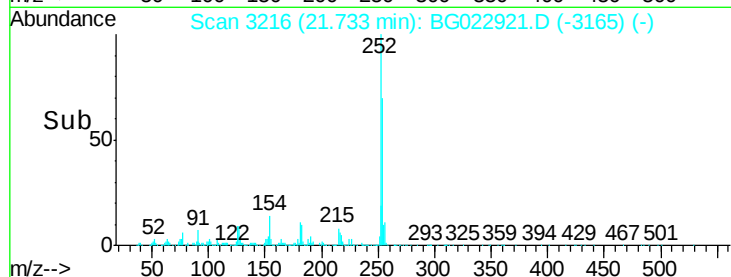
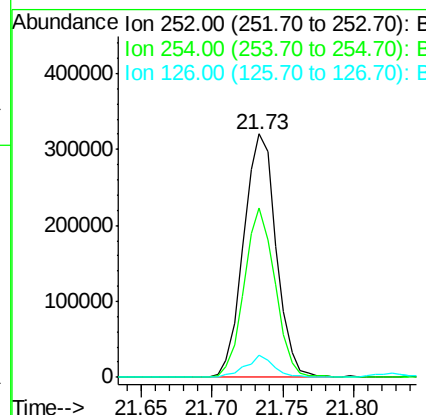
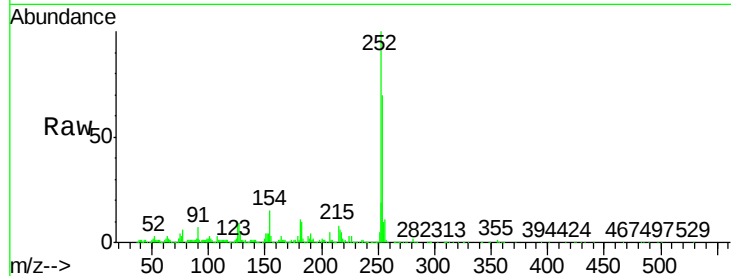
#81
 3,3'-Dichlorobenzidine
 Concen: 21.54 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	69.8	51.2	76.8
126	8.9	5.3	7.9

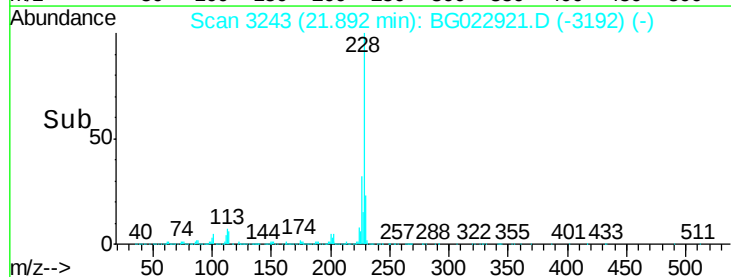
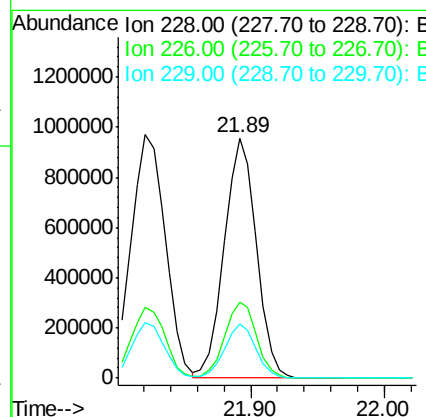
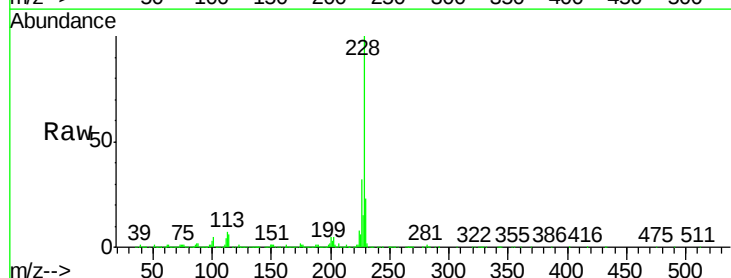
Manual Integrations

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#82
 Chrysene
 Concen: 31.36 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.7	40.1
229	22.6	17.4	26.2





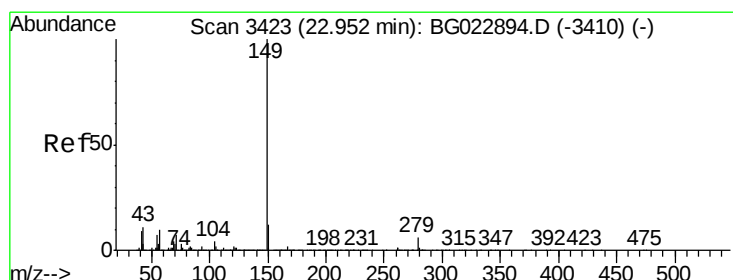
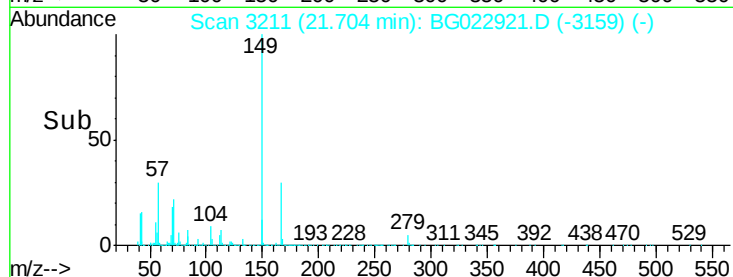
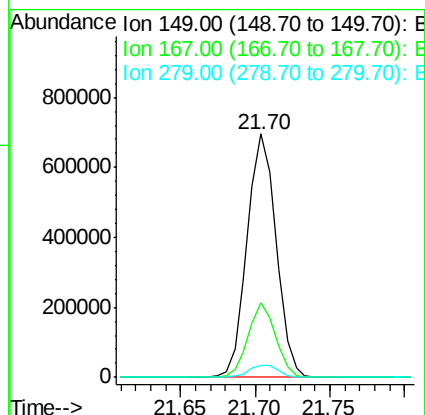
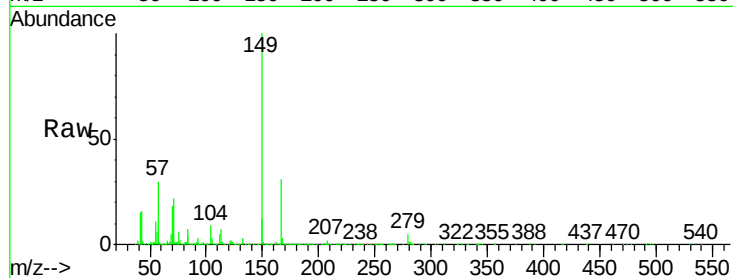
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.85 ng
 RT: 21.70 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.0	36.0
279	5.0	4.8	7.2

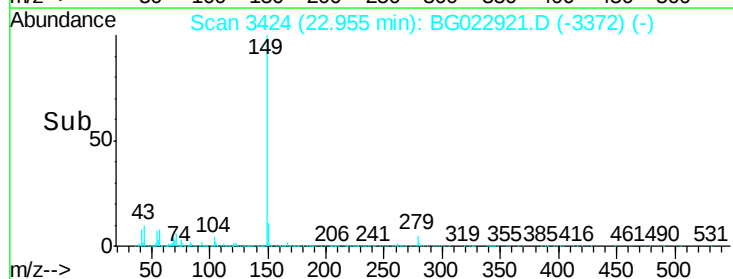
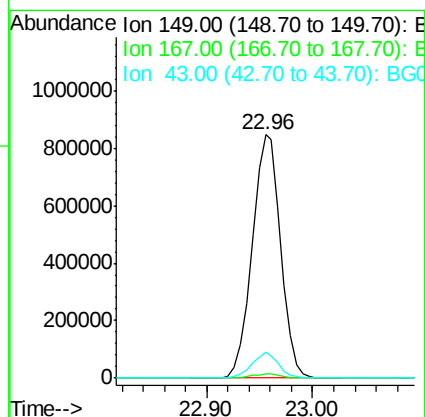
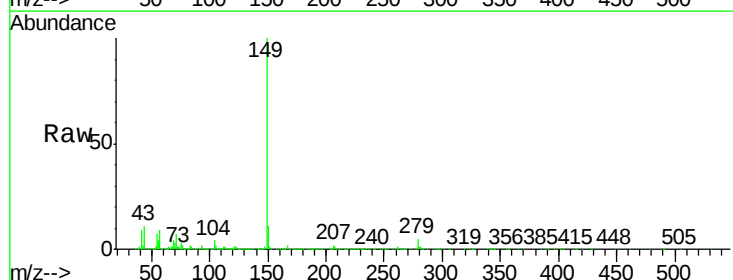
Manual Integrations

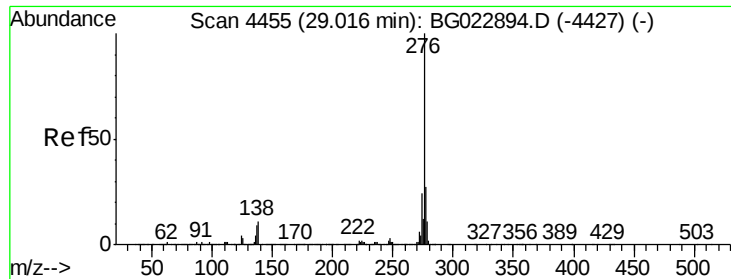
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#84
 Di-n-octyl phthalate
 Concen: 31.20 ng
 RT: 22.96 min Scan# 3424
 Delta R.T. 0.00 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	9.6	8.8	13.2





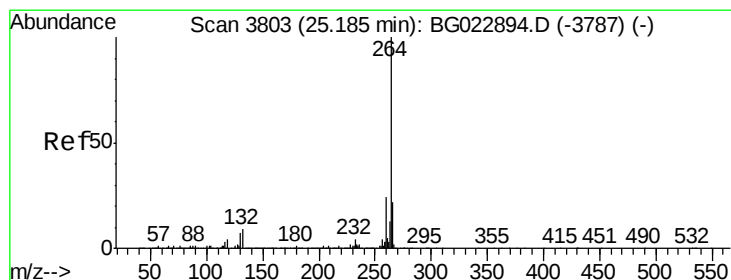
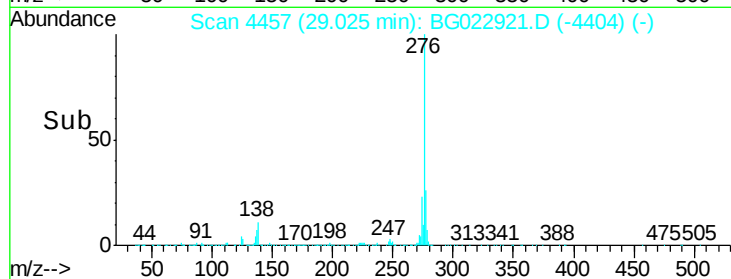
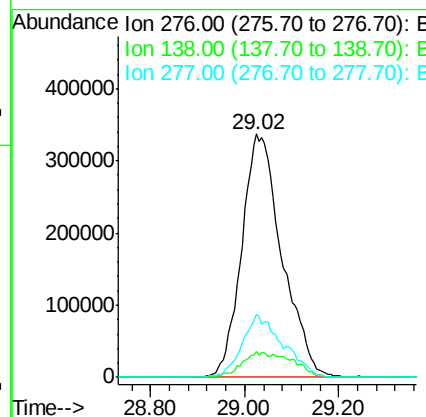
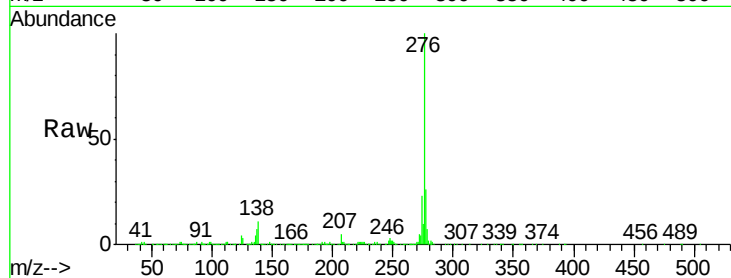
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.47 ng
RT: 29.02 min Scan# 4457
Delta R.T. 0.01 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	6.9	0.0	0.0	
277	26.0	0.0	0.0	

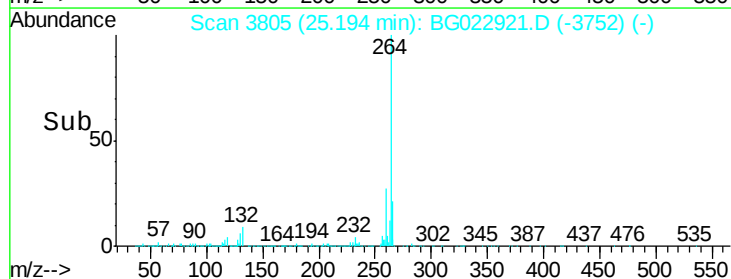
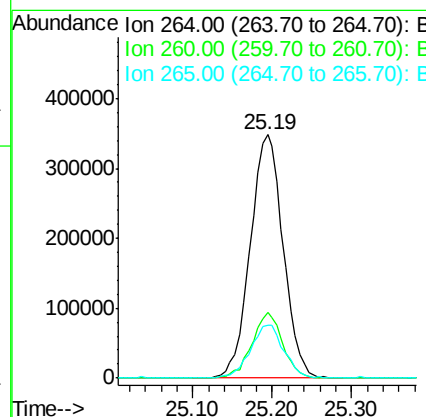
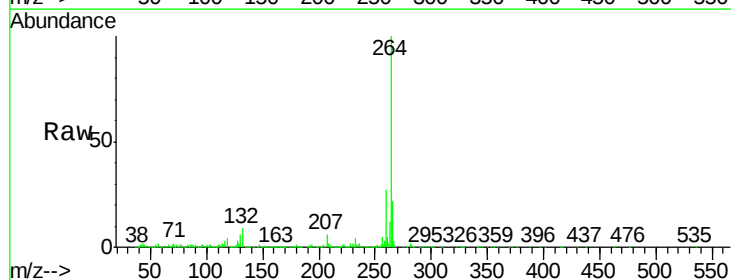
Manual Integrations

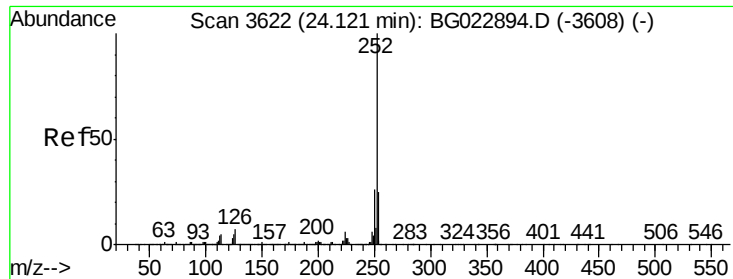
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3805
Delta R.T. 0.01 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	27.0	18.4	27.6	
265	21.6	18.9	28.3	





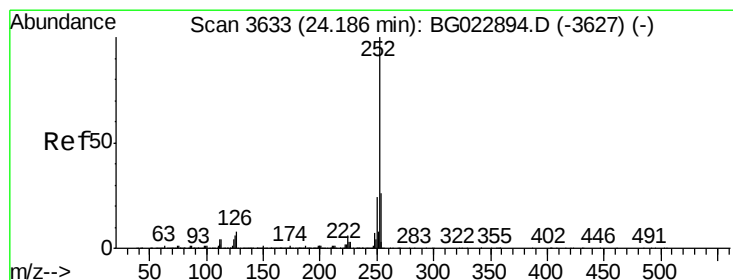
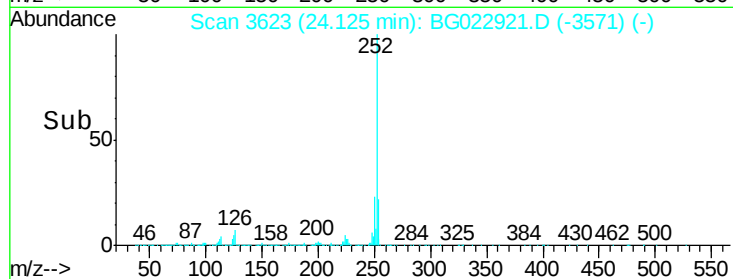
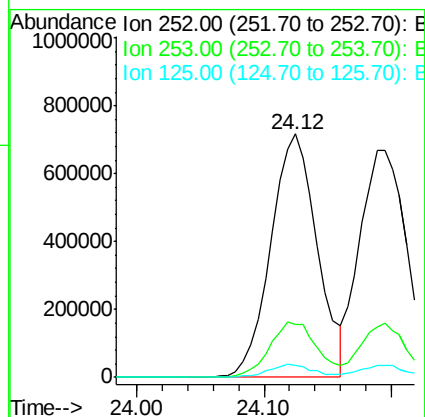
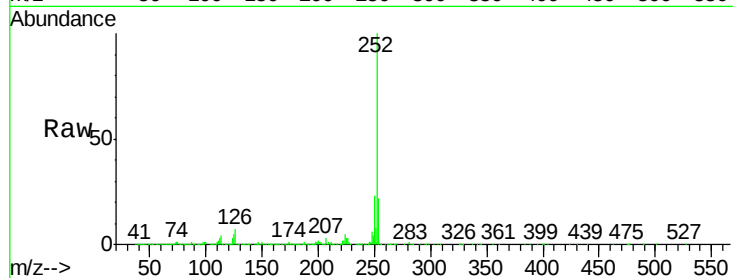
#87
Benzo(b)fluoranthene
Concen: 31.55 ng
RT: 24.12 min Scan# 3623
Delta R.T. 0.00 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Instrument :
BNA_G
ClientSampleId :
B-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.9	28.3
125	4.9	3.9	5.9

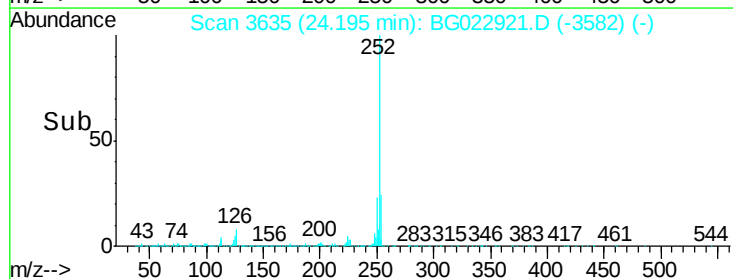
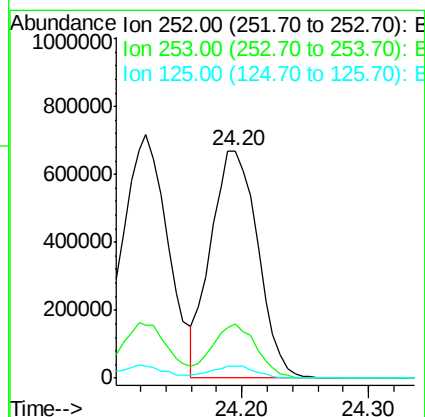
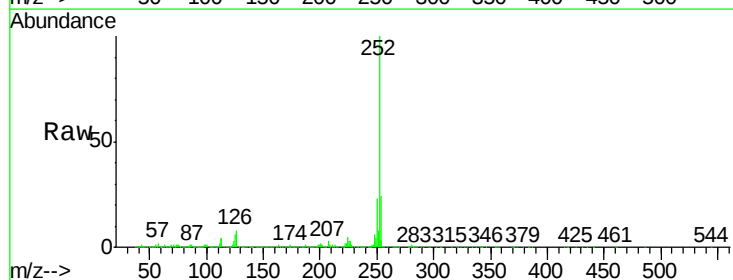
Manual Integrations

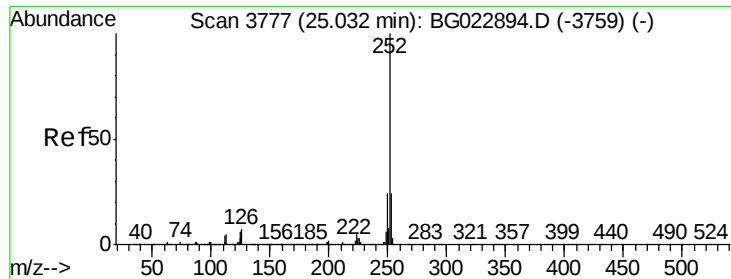
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#88
Benzo(k)fluoranthene
Concen: 31.31 ng
RT: 24.20 min Scan# 3635
Delta R.T. 0.01 min
Lab File: BG022921.D
Acq: 8 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.8	28.2
125	5.5	3.2	4.8





#89

Benzo(a)pyrene

Concen: 31.69 ng

RT: 25.04 min Scan# 3778

Delta R.T. 0.00 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

B-2MS

Tot Ion:252 Resp: 1755846

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	5.4	3.9	5.9

252 100

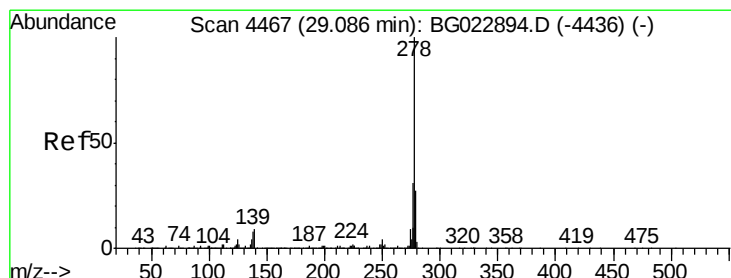
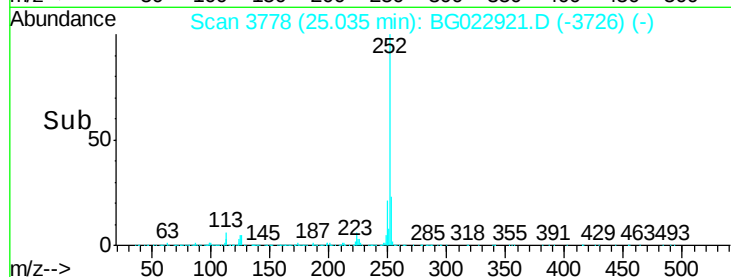
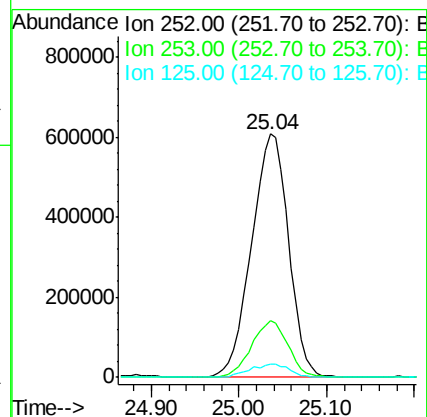
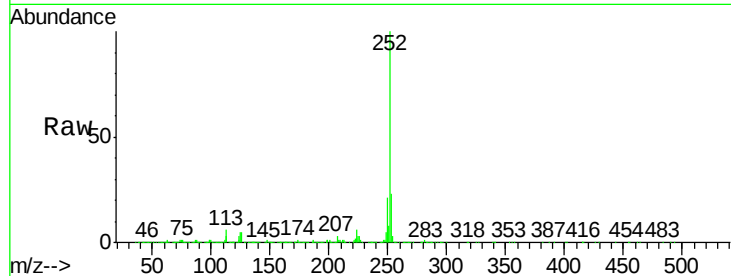
253 23.3 18.7 28.1

125 5.4 3.9 5.9

Manual Integrations

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#90

Dibenzo(a,h)anthracene

Concen: 30.14 ng

RT: 29.10 min Scan# 4469

Delta R.T. 0.01 min

Lab File: BG022921.D

Acq: 8 Jul 2016 8:05

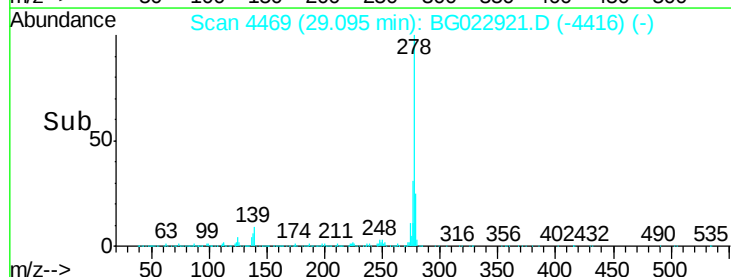
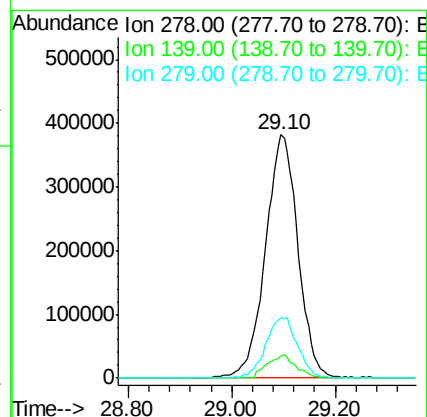
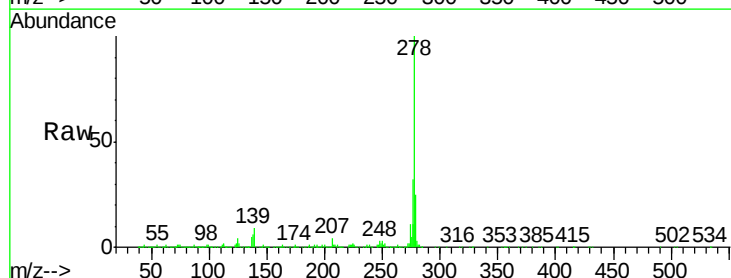
Tgt Ion:278 Resp: 1657663

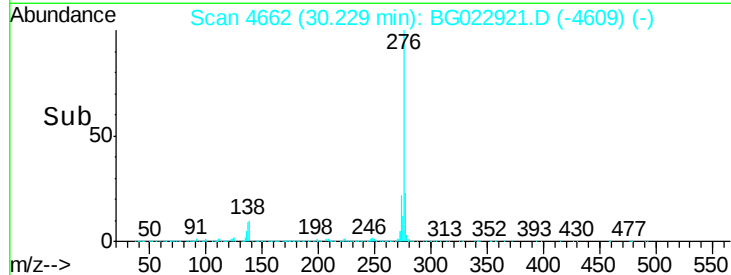
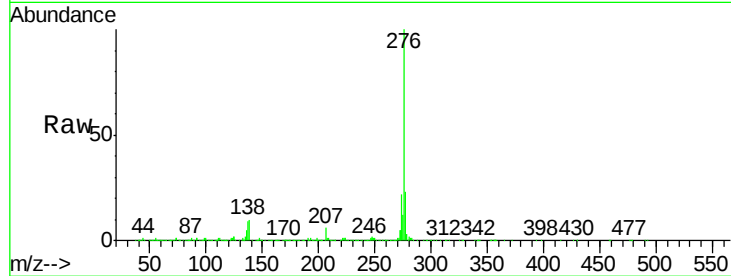
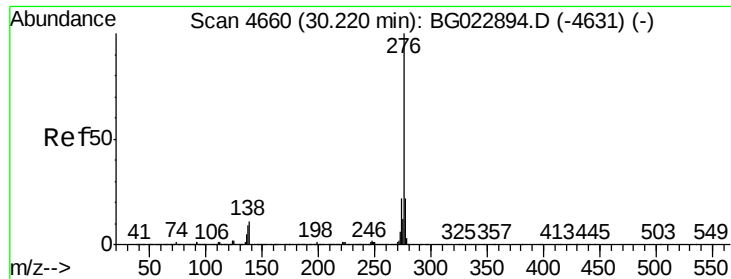
Ion	Ratio	Lower	Upper
278	100		
139	9.2	4.7	7.1#
279	25.1	18.3	27.5

278 100

139 9.2 4.7 7.1#

279 25.1 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 30.40 ng
 RT: 30.23 min Scan# 4662
 Delta R.T. 0.01 min
 Lab File: BG022921.D
 Acq: 8 Jul 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 B-2MS

Tot Ion: 276 Resp: 1674126
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.6 27.8
 138 9.9 6.8 10.2

Manual Integrations

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