

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022918.D
 Acq On : 8 Jul 2016 6:03
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations

umangi
 7/8/2016 7:10:49 PM

Quant Time: Jul 08 07:12:03 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	8.16	152	112709	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	534644	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	401693	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	969500	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1059472	20.00	ng	0.00
86) Perylene-d12	25.20	264	1086532	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	558669	81.07	ng	0.00
7) Phenol-d6	7.31	99	893205	82.75	ng	0.00
23) Nitrobenzene-d5	9.33	82	993341	79.56	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	538038	74.53	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2060115	80.78	ng	0.00
78) Terphenyl-d14	20.15	244	2819727	84.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	107905	40.28	ng	94
3) Pyridine	3.97	79	378770	41.32	ng	96
4) n-Nitrosodimethylamine	3.89	42	162260	41.26	ng	# 95
6) Aniline	7.48	93	619076	41.39	ng	98
8) 2-Chlorophenol	7.72	128	303529	41.39	ng	96
9) Benzaldehyde	7.28	77	285088	39.53	ng	95
10) Phenol	7.33	94	458707	41.30	ng	94
11) bis(2-Chloroethyl)ether	7.56	93	347798	39.51	ng	89
12) 1,3-Dichlorobenzene	8.04	146	357975	39.88	ng	94
13) 1,4-Dichlorobenzene	8.19	146	374293	41.65	ng	95
14) 1,2-Dichlorobenzene	8.51	146	354666	39.70	ng	98
15) Benzyl Alcohol	8.39	79	417946	42.28	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	432099	40.19	ng	97
17) 2-Methylphenol	8.60	107	292679	40.48	ng	96
18) Hexachloroethane	9.25	117	150661	39.71	ng	91
19) n-Nitroso-di-n-propylamine	8.96	70	389635	40.04	ng	96
20) 3+4-Methylphenols	8.93	107	422919	41.95	ng	98
22) Acetophenone	8.98	105	629271	39.22	ng	# 93
24) Nitrobenzene	9.37	77	530048	39.95	ng	97
25) Isophorone	9.89	82	980255	39.03	ng	98
26) 2-Nitrophenol	10.08	139	207283	39.82	ng	90
27) 2,4-Dimethylphenol	10.14	122	356089	39.57	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	553000	39.48	ng	97
29) 2,4-Dichlorophenol	10.62	162	393744	41.02	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	440964	40.09	ng	95
31) Naphthalene	11.04	128	1096778	40.30	ng	99
32) Benzoic acid	10.28	122	322291	39.37	ng	96
33) 4-Chloroaniline	11.14	127	536171	40.28	ng	95
34) Hexachlorobutadiene	11.31	225	361772	40.58	ng	96
35) Caprolactam	11.92	113	138439	35.06	ng	99
36) 4-Chloro-3-methylphenol	12.26	107	515049	39.23	ng	97
37) 2-Methylnaphthalene	12.63	142	867171	40.31	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	706761	40.83	ng	97
40) Hexachlorocyclopentadiene	12.97	237	407814	40.92	ng	99

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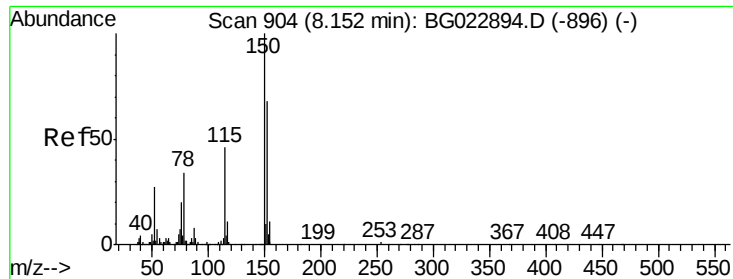
Manual Integrations

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Quant Time: Jul 08 07:12:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	402581	40.46	nq	98
43) 2,4,5-Trichlorophenol	13.31	196	408384	39.97	nq	95
45) 1,1'-Biphenyl	13.63	154	1242612	41.23	nq	99
46) 2-Chloronaphthalene	13.68	162	993304	40.63	nq	98
47) 2-Nitroaniline	13.88	65	421938	40.45	nq	95
48) Acenaphthylene	14.53	152	1461609	39.85	nq	99
49) Dimethylphthalate	14.24	163	1255376	38.26	nq	97
50) 2,6-Dinitrotoluene	14.37	165	285382	38.70	nq	# 78
51) Acenaphthene	14.86	154	1088880m	45.43	nq	
52) 3-Nitroaniline	14.71	138	301512	41.00	nq	80
53) 2,4-Dinitrophenol	14.91	184	181134	35.80	nq	88
54) Dibenzofuran	15.20	168	1409550	39.29	nq	97
55) 4-Nitrophenol	15.01	139	229422	37.22	nq	93
56) 2,4-Dinitrotoluene	15.15	165	417690	38.85	nq	96
57) Fluorene	15.85	166	1209204	39.16	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	398231m	38.96	nq	
59) Diethylphthalate	15.60	149	1262311	37.81	nq	99
60) 4-Chlorophenyl-phenylether	15.83	204	724824	38.54	nq	97
61) 4-Nitroaniline	15.87	138	300669	37.79	nq	# 85
62) Azobenzene	16.13	77	1248994	39.11	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	282690	39.23	nq	96
65) n-Nitrosodiphenylamine	16.05	169	1138981	40.78	nq	99
66) 4-Bromophenyl-phenylether	16.74	248	494453	39.20	nq	95
67) Hexachlorobenzene	16.86	284	554218	40.41	nq	95
68) Atrazine	17.00	200	487960	39.38	nq	98
69) Pentachlorophenol	17.21	266	341307	38.43	nq	97
70) Phenanthrene	17.60	178	1901211	40.02	nq	99
71) Anthracene	17.69	178	1935237	40.22	nq	98
72) Carbazole	17.96	167	1656852	39.86	nq	100
73) Di-n-butylphthalate	18.50	149	1912944	41.38	nq	98
74) Fluoranthene	19.60	202	2230864	38.26	nq	98
76) Benzidine	19.78	184	1099540	36.20	nq	98
77) Pyrene	19.97	202	2286446	38.40	nq	99
79) Butylbenzylphthalate	20.83	149	936089	39.70	nq	95
80) Benzo(a)anthracene	21.83	228	2368068	39.95	nq	99
81) 3,3'-Dichlorobenzidine	21.74	252	1034863	39.77	nq	96
82) Chrysene	21.89	228	2222181	39.96	nq	96
83) Bis(2-ethylhexyl)phthalate	21.71	149	1290036	39.40	nq	97
84) Di-n-octyl phthalate	22.96	149	2183214	39.98	nq	98
85) Indeno(1,2,3-cd)pyrene	29.04	276	2772719	39.11	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	2522138	40.23	nq	98
88) Benzo(k)fluoranthene	24.20	252	2453000	41.23	nq	# 98
89) Benzo(a)pyrene	25.04	252	2400737	39.95	nq	98
90) Dibenzo(a,h)anthracene	29.12	278	2398739	40.22	nq	# 94
91) Benzo(g,h,i)perylene	30.25	276	2420116	40.52	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

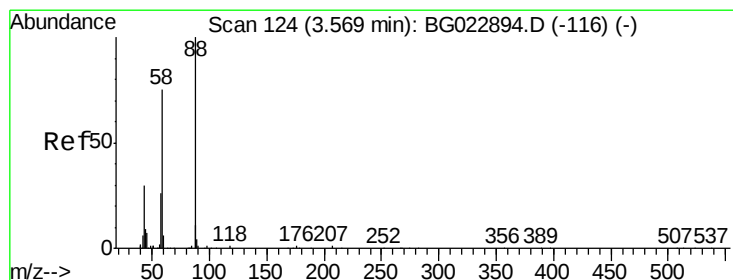
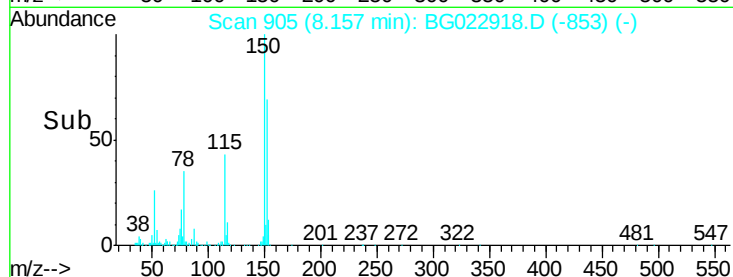
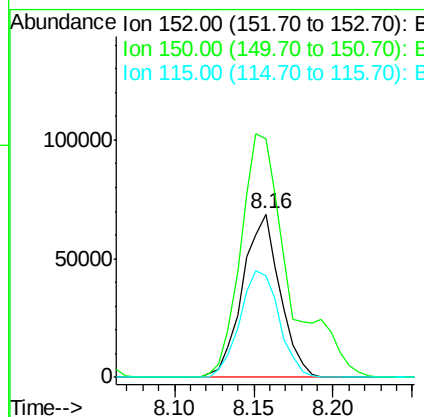
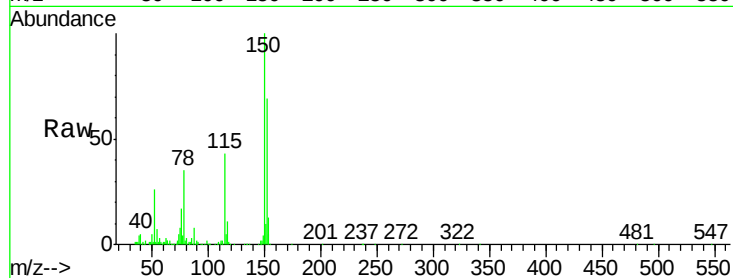
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	144.7	217.1
115	62.1	64.0	96.0

Manual Integrations

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#2

1,4-Dioxane

Concen: 40.28 ng

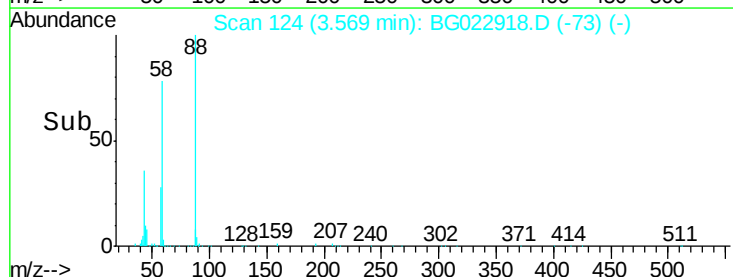
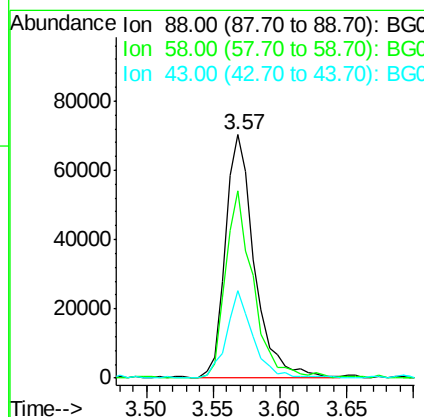
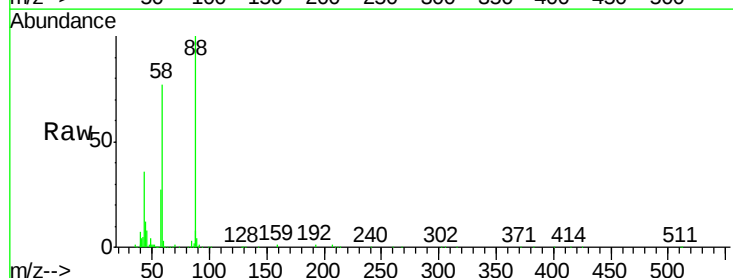
RT: 3.57 min Scan# 124

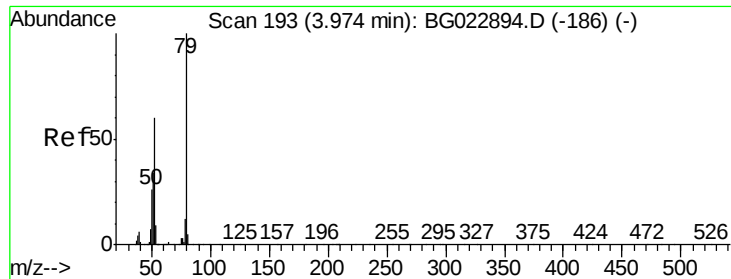
Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	60.4	90.6
43	32.3	31.1	46.7





#3

Pvridine

Concen: 41.32 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 378770

Ion Ratio Lower Upper

79 100

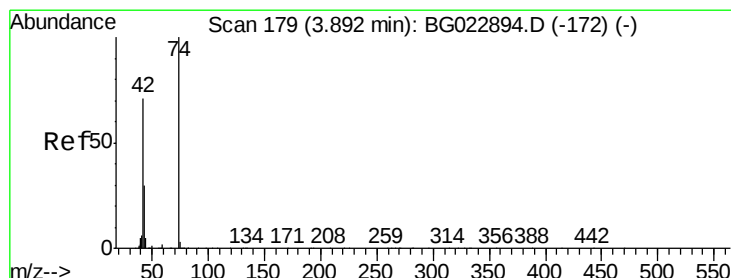
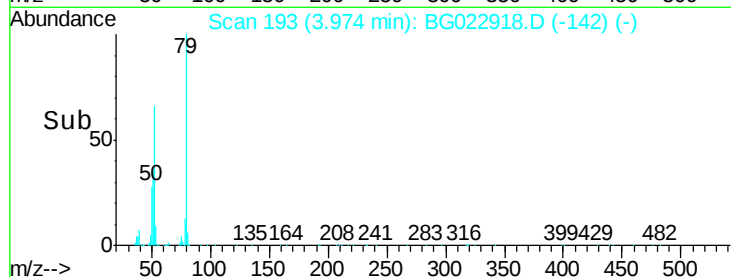
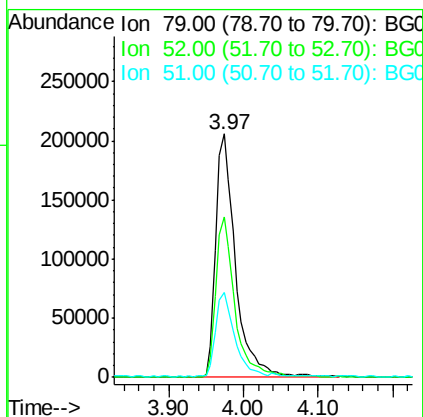
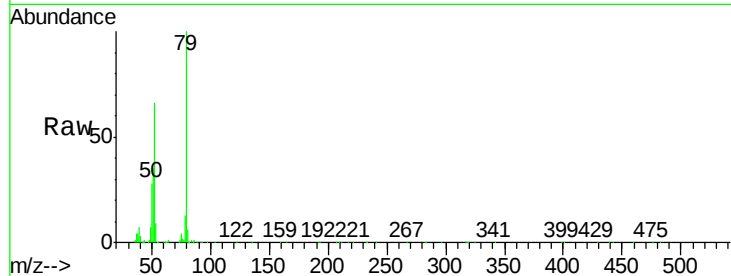
52 65.7 51.8 77.8

51 34.9 32.7 49.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 41.26 ng

RT: 3.89 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

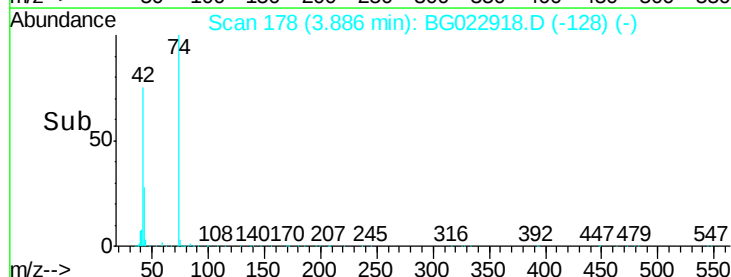
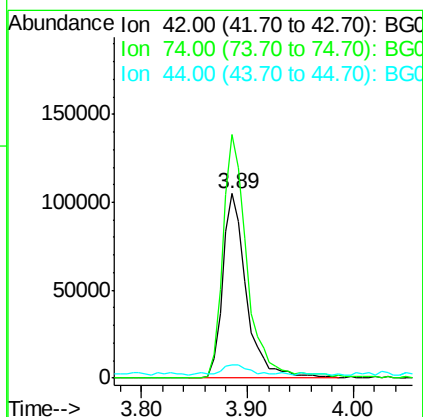
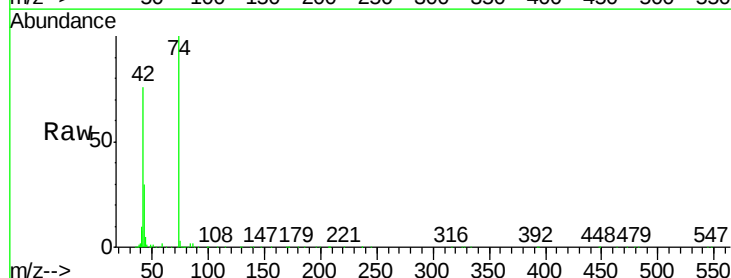
Tgt Ion: 42 Resp: 162260

Ion Ratio Lower Upper

42 100

74 131.9 100.6 150.8

44 7.1 4.5 6.7#





#5

2-Fluorophenol

Concen: 81.07 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

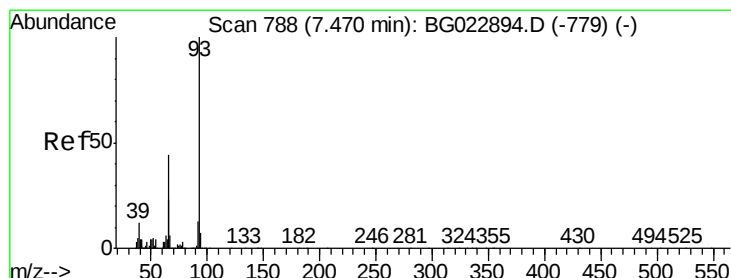
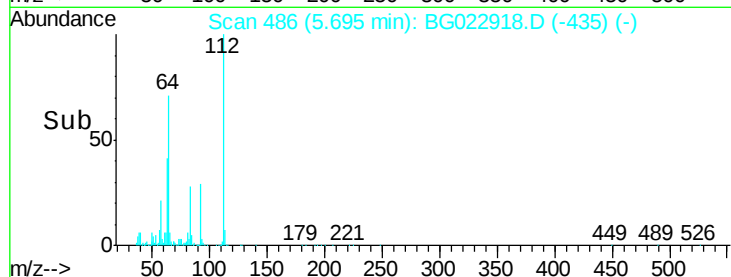
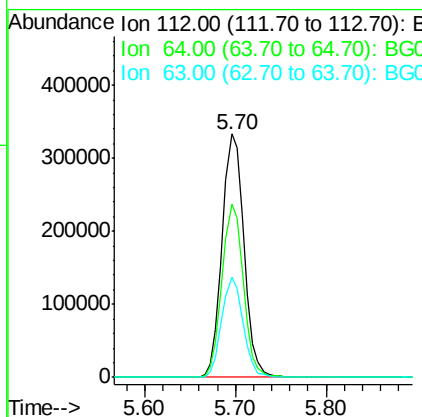
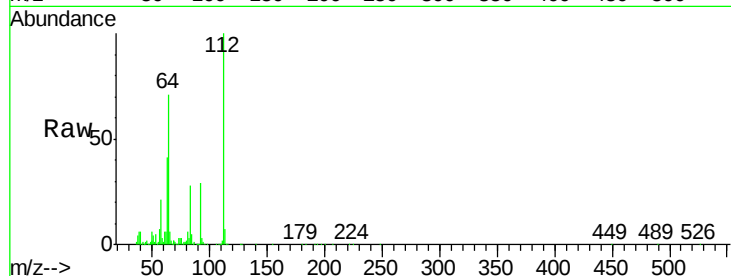
SSTDCCC040

Tot Ion:	112	Resp:	558669
Ion Ratio	Lower	Upper	
112	100		
64	70.9	59.0	88.4
63	41.4	37.8	56.8

Manual Integrations

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#6

Aniline

Concen: 41.39 ng

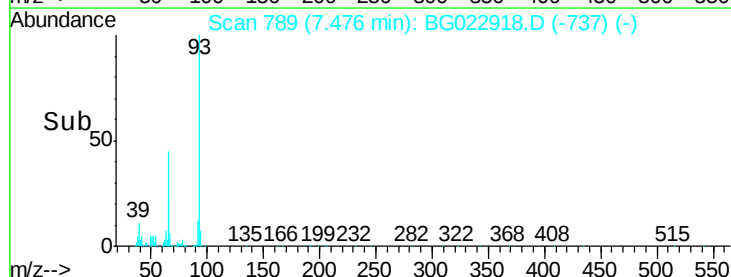
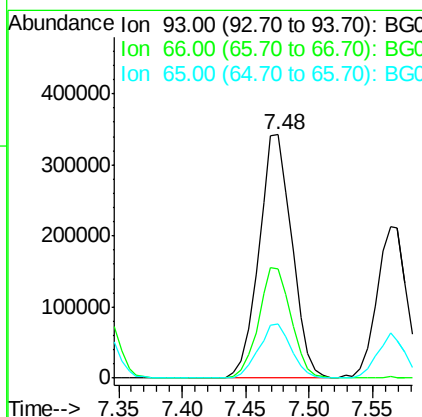
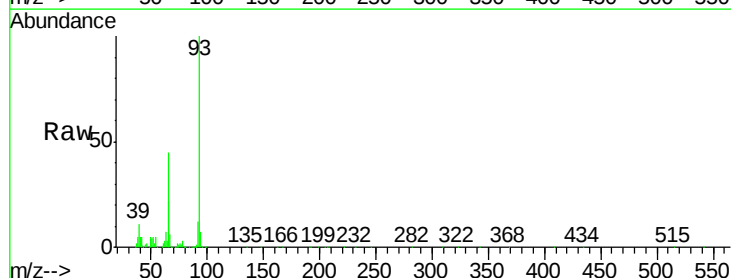
RT: 7.48 min Scan# 789

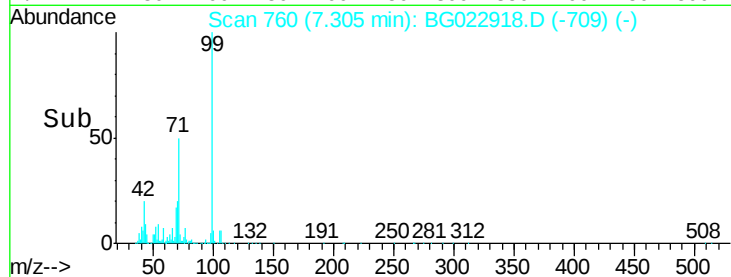
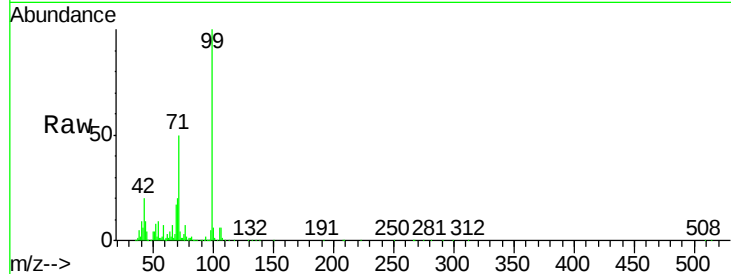
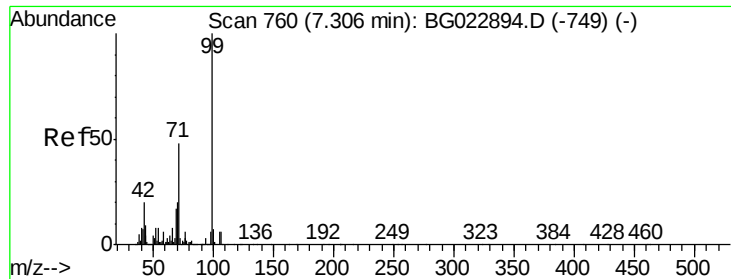
Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Tgt Ion:	93	Resp:	619076
Ion Ratio	Lower	Upper	
93	100		
66	44.8	37.5	56.3
65	22.1	17.9	26.9





#7

Phenol-d6

Concen: 82.75 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Tot Ion:	99	Resp:	893205
Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.6
71	49.7	41.5	62.3

Instrument :

BNA_G

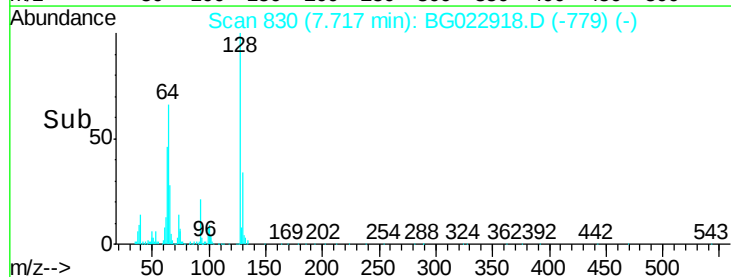
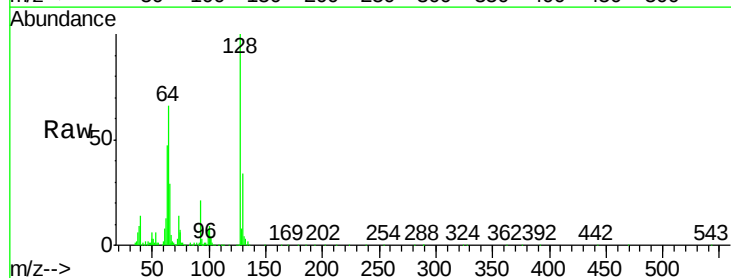
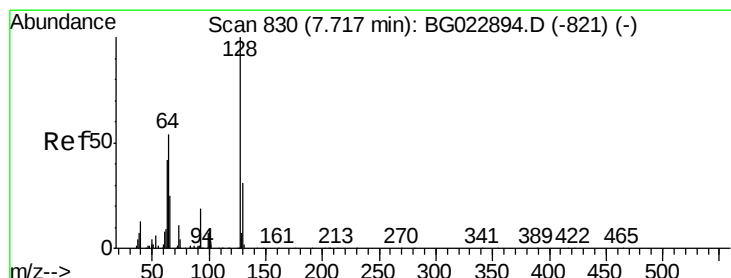
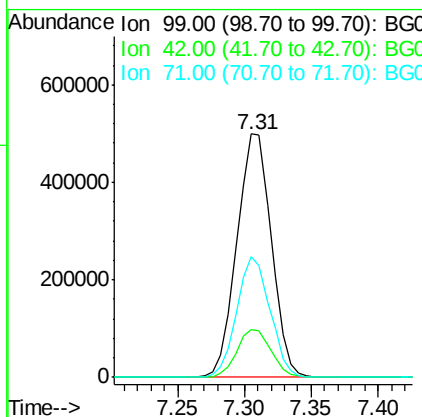
ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 41.39 ng

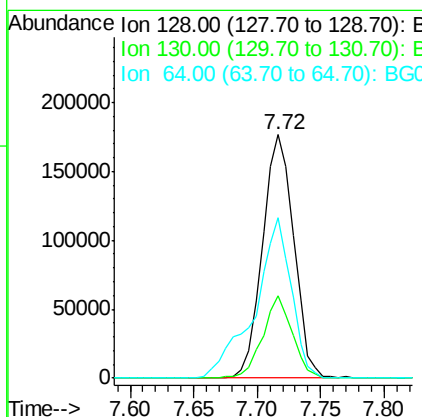
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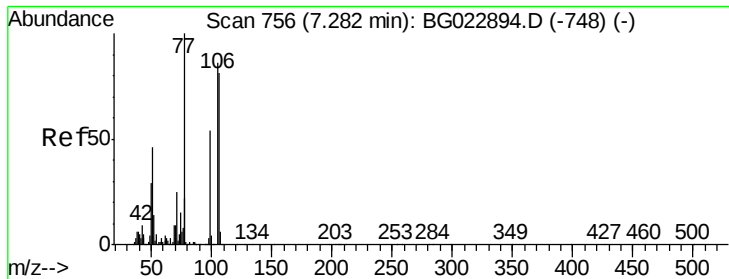
Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Tgt Ion:	128	Resp:	303529
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.9	52.9
64	65.7	42.0	82.0





#9

Benzaldehyde

Concen: 39.53 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 285088

Ion Ratio Lower Upper

77 100

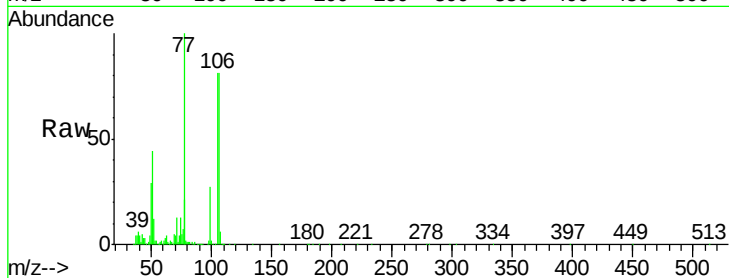
105 81.0 58.7 98.7

106 81.2 67.5 107.5

Manual Integrations

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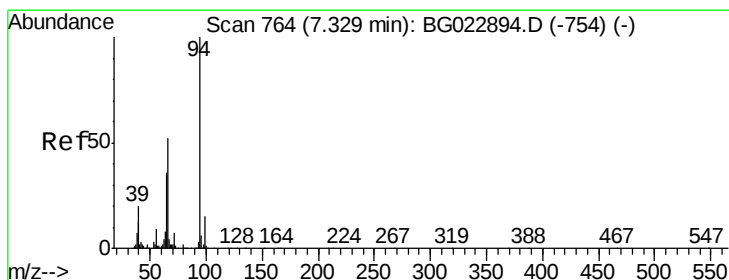
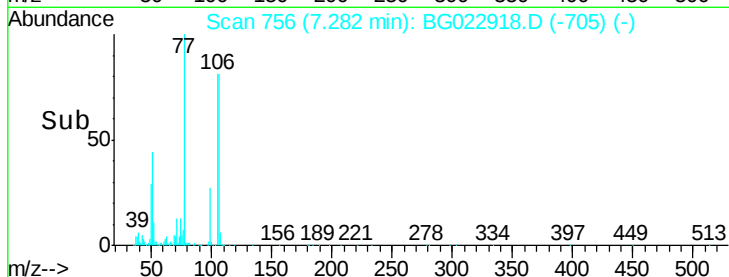
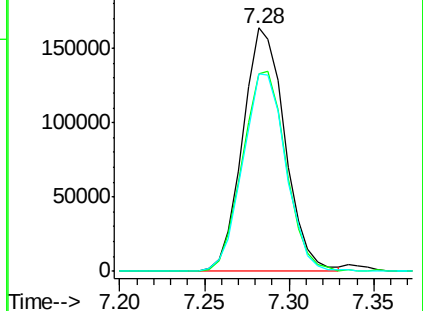
7/8/2016 7:10:49 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.30 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

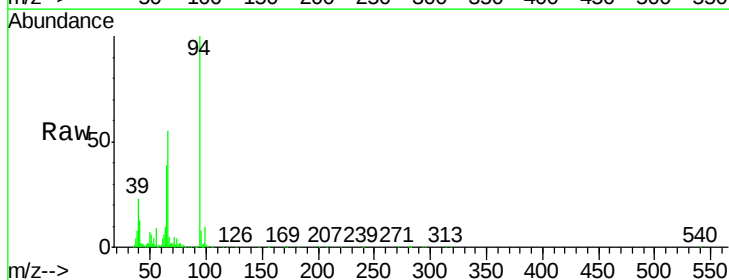
Tgt Ion: 94 Resp: 458707

Ion Ratio Lower Upper

94 100

65 39.1 18.1 58.1

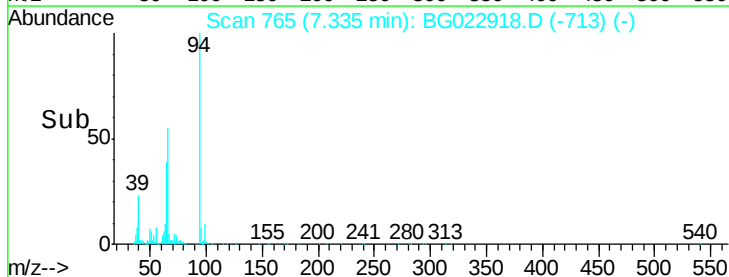
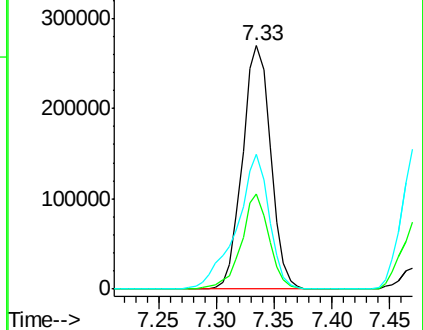
66 55.2 42.1 82.1

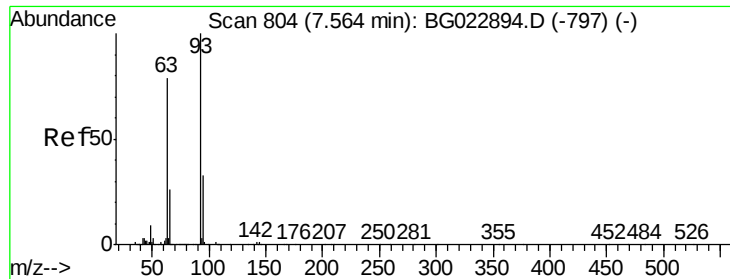


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





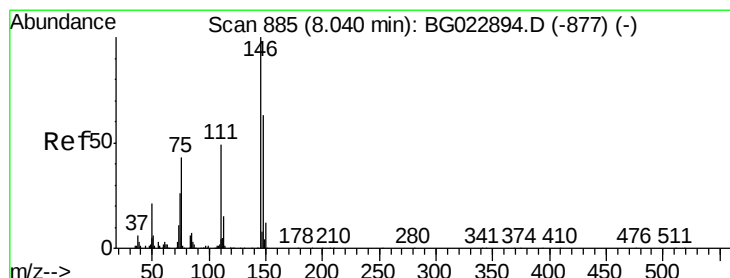
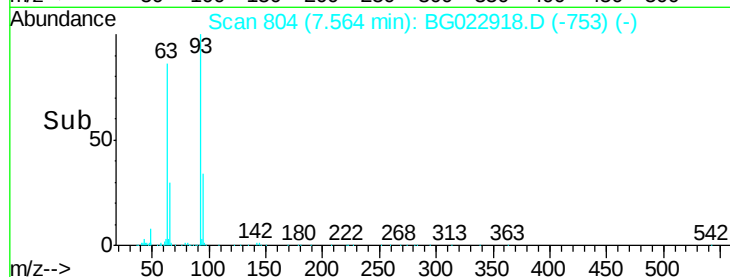
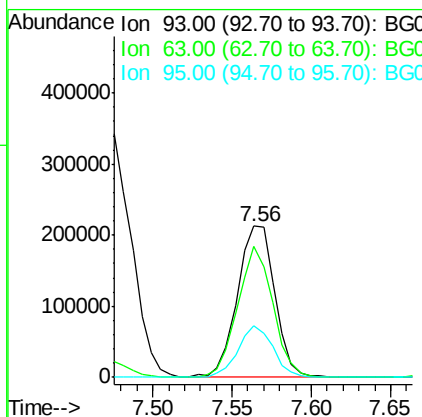
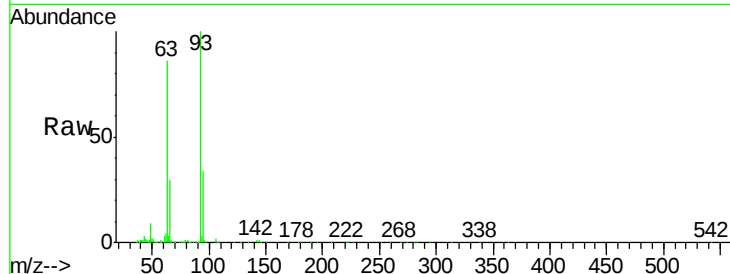
#11
bis(2-Chloroethyl)ether
Concen: 39.51 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	86.2	55.0	95.0	
95	34.2	11.0	51.0	

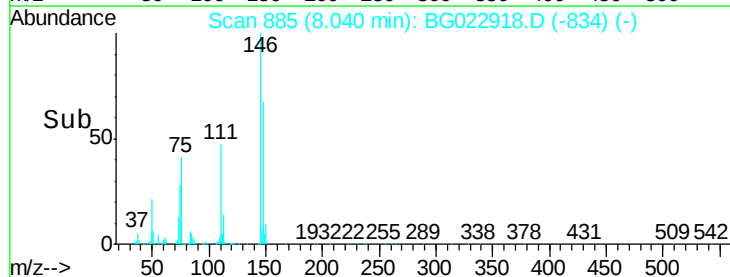
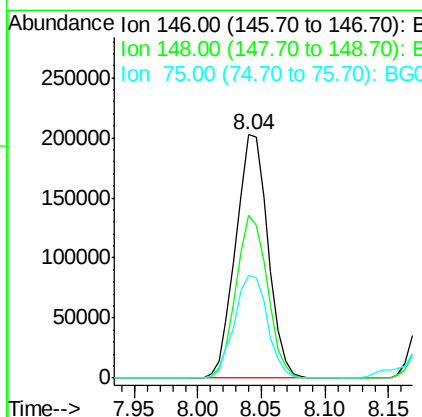
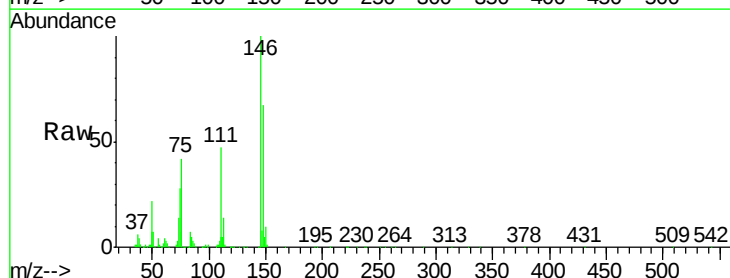
Manual Integrations

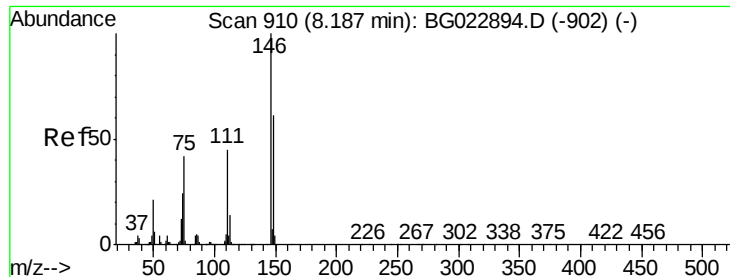
umangi
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#12
1,3-Dichlorobenzene
Concen: 39.88 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	66.8	50.3	75.5	
75	42.0	37.0	55.6	





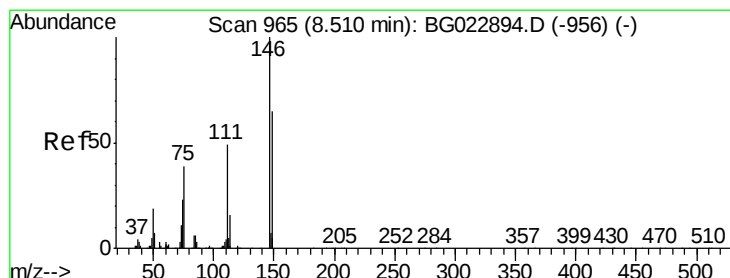
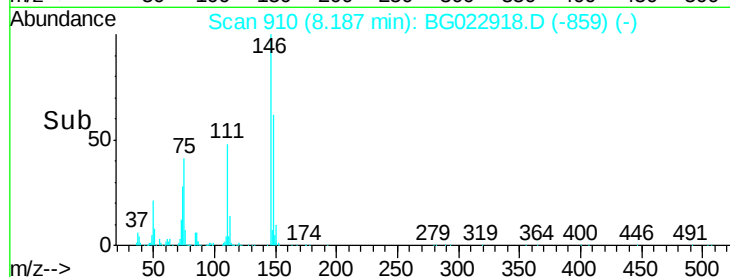
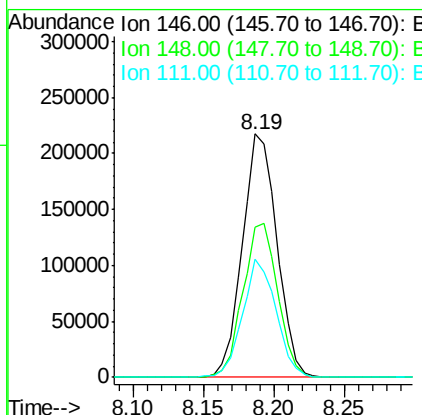
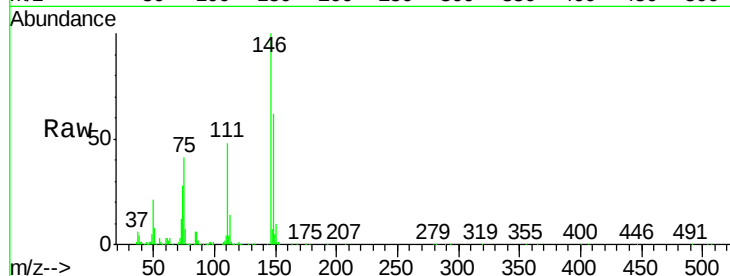
#13
1,4-Dichlorobenzene
Concen: 41.65 ng
RT: 8.19 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	54.5	81.7
111	48.4	37.8	56.8

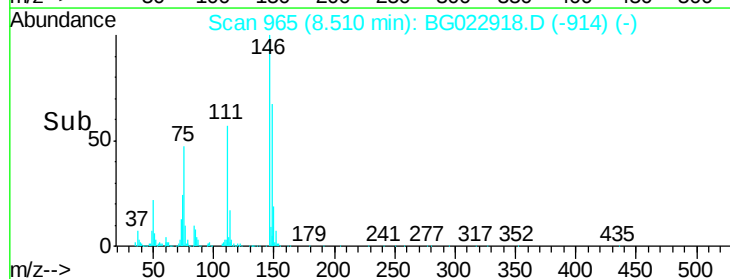
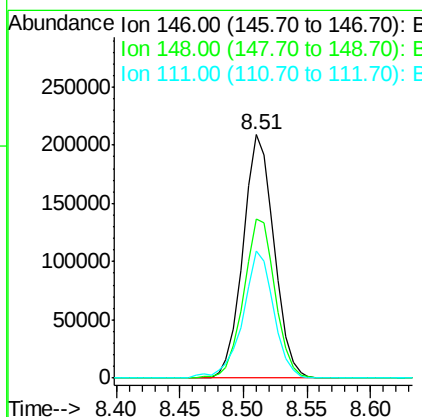
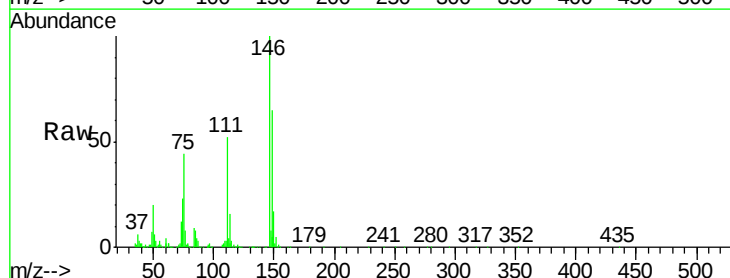
Manual Integrations

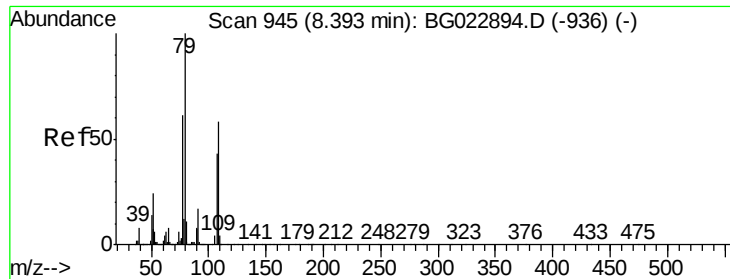
umangi
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#14
1,2-Dichlorobenzene
Concen: 39.70 ng
RT: 8.51 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.9	79.3
111	52.4	43.5	65.3





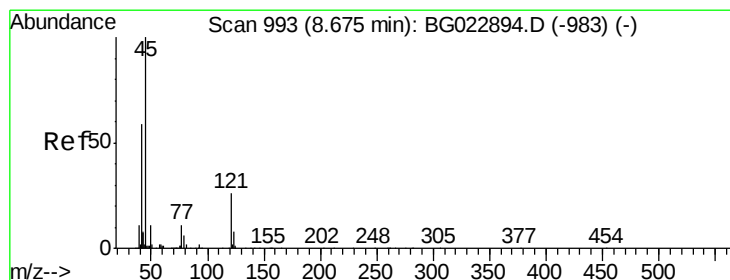
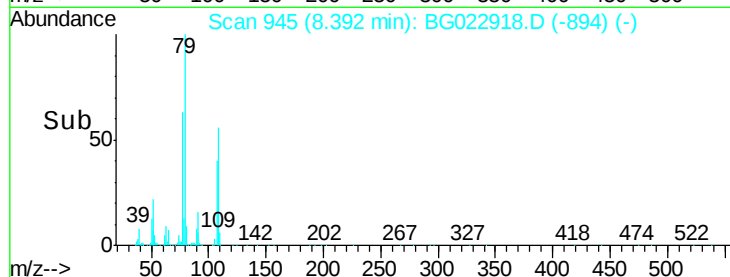
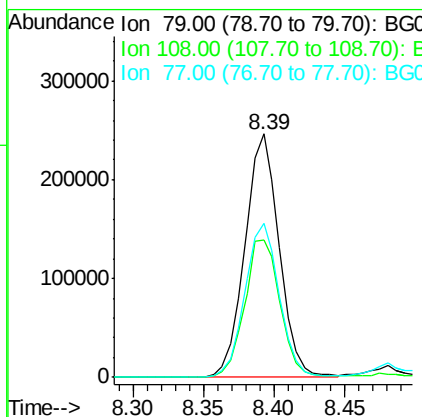
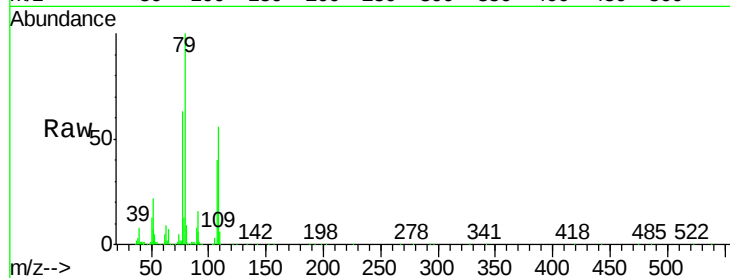
#15
Benzyl Alcohol
Concen: 42.28 ng
RT: 8.39 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	56.3	46.5	69.7
77	63.3	52.3	78.5

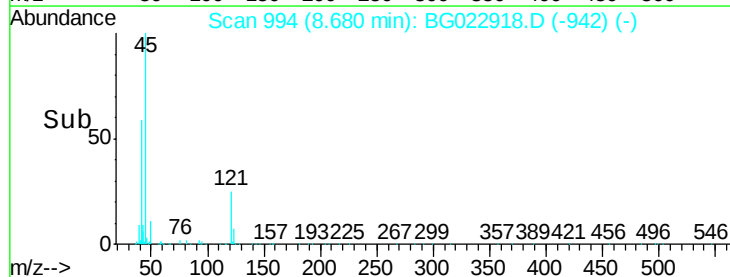
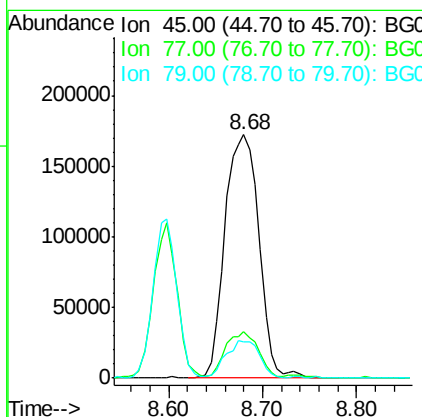
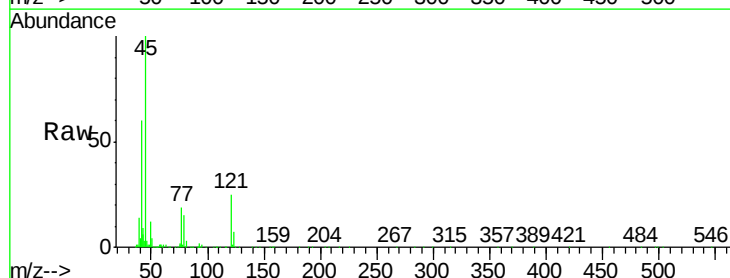
Manual Integrations

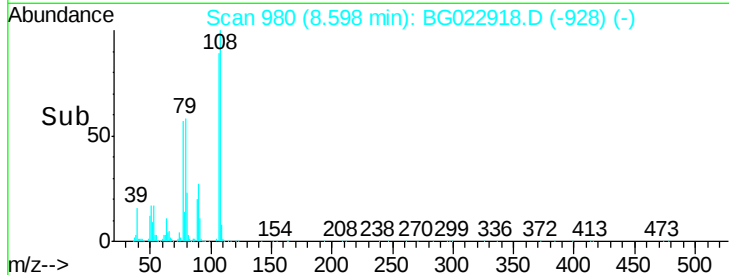
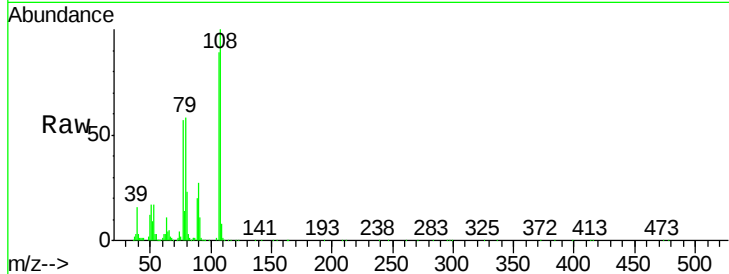
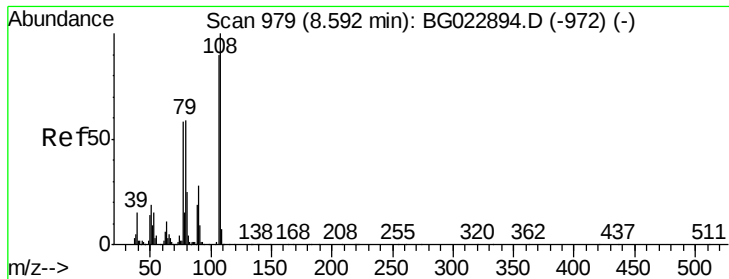
umangi
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.19 ng
RT: 8.68 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

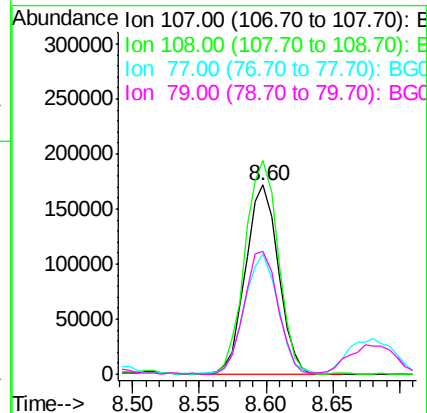
Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.6	40.6
79	15.0	0.0	36.2





#17
2-Methylphenol
Concen: 40.48 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

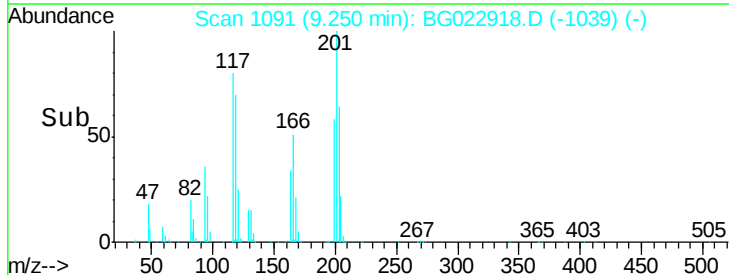
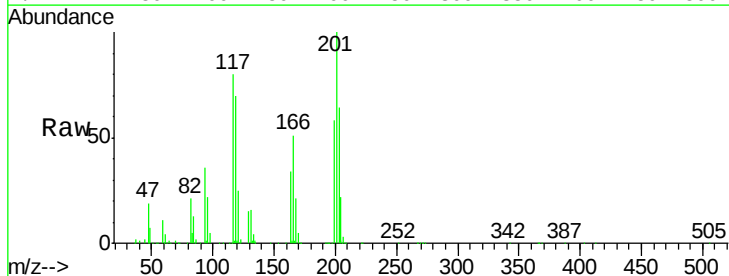
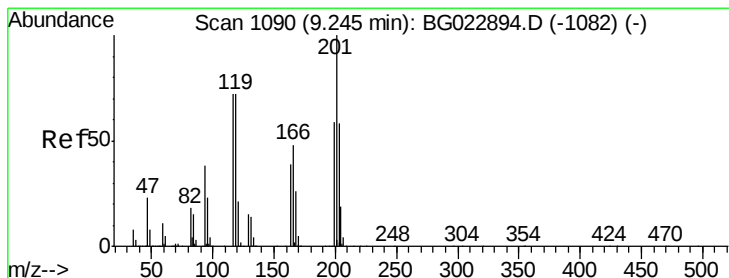
Tot Ion	107	Resp	292679
Ion Ratio	Lower	Upper	
107	100		
108	112.8	92.0	138.0
77	63.8	55.8	83.6
79	65.2	55.0	82.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

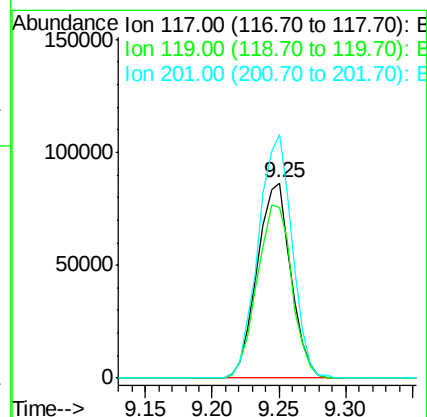
Manual Integrations

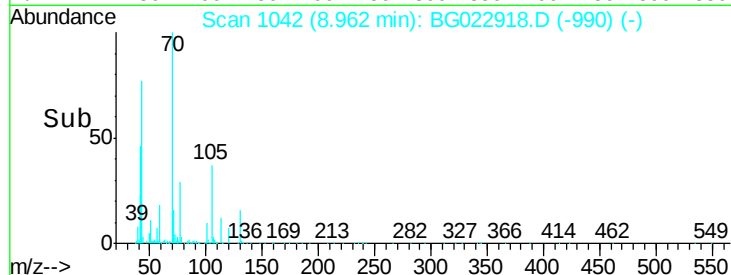
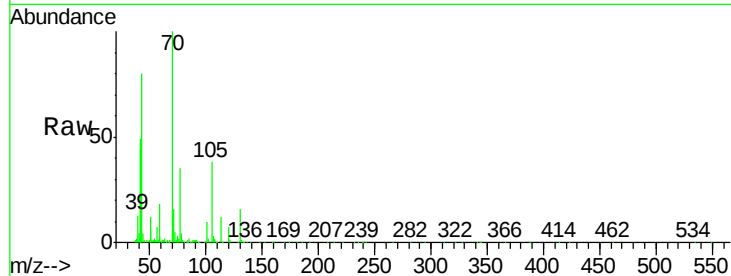
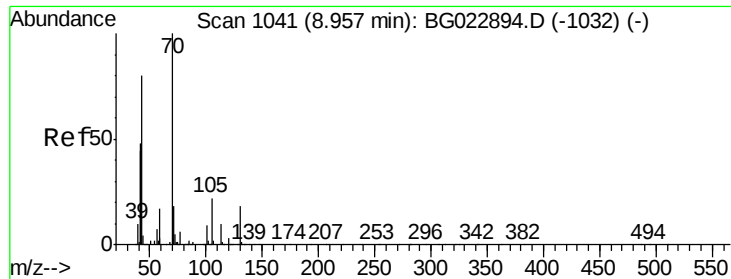
umangi
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#18
Hexachloroethane
Concen: 39.71 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

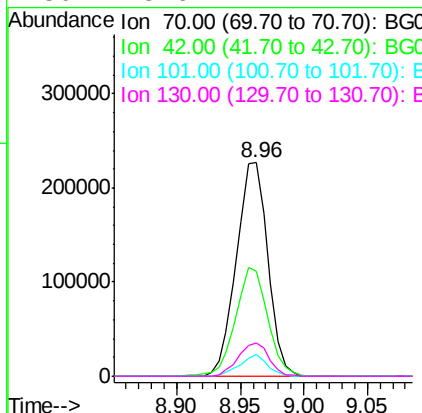
Tgt Ion	117	Resp	150661
Ion Ratio	Lower	Upper	
117	100		
119	88.0	73.7	110.5
201	124.9	88.7	133.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.04 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

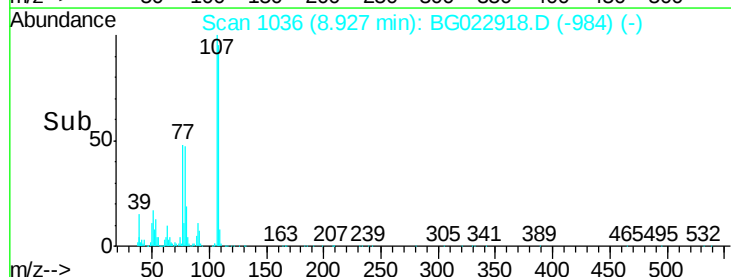
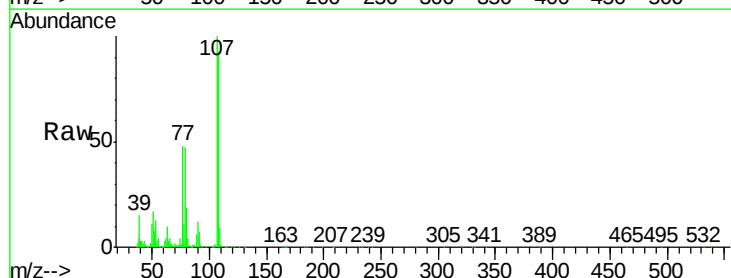
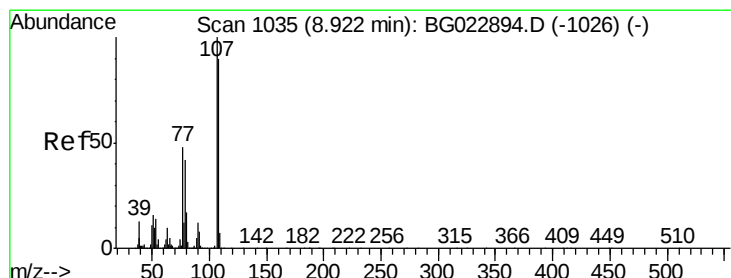
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.3	42.1	63.1	
101	10.0	7.2	10.8	
130	15.6	14.2	21.2	



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

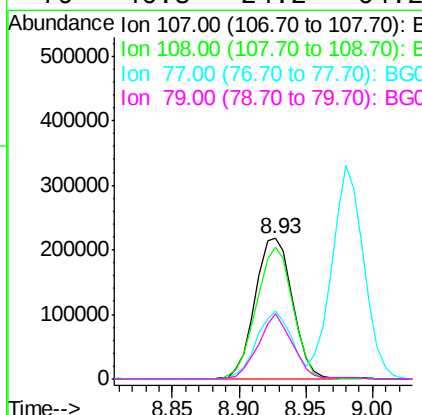
Manual Integrations

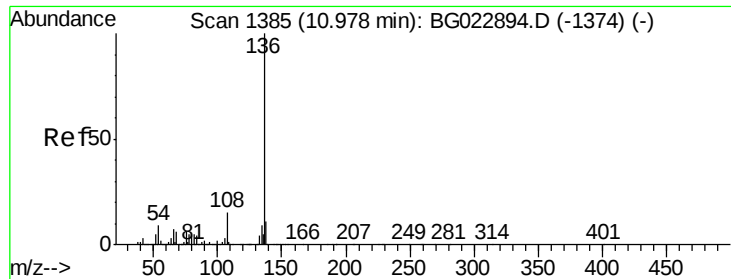
umangi
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#20
3+4-Methylphenols
Concen: 41.95 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.5	72.5	112.5	
77	48.0	30.1	70.1	
79	46.8	24.2	64.2	





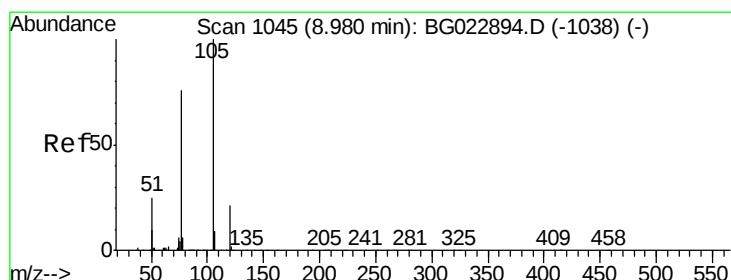
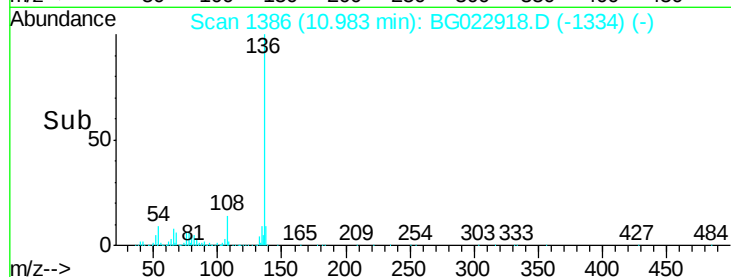
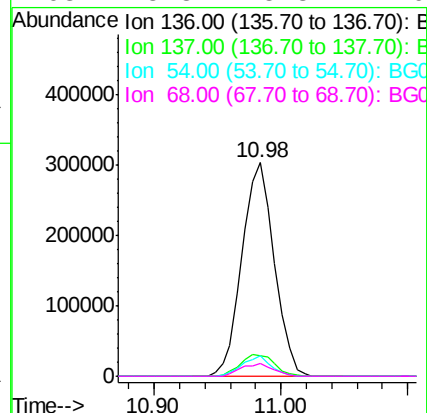
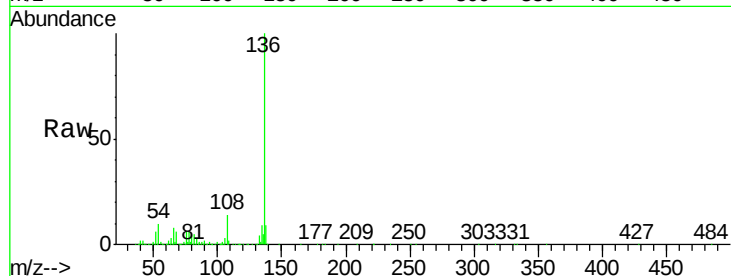
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.6	14.4#
54	9.5	7.3	10.9
68	5.8	5.3	7.9

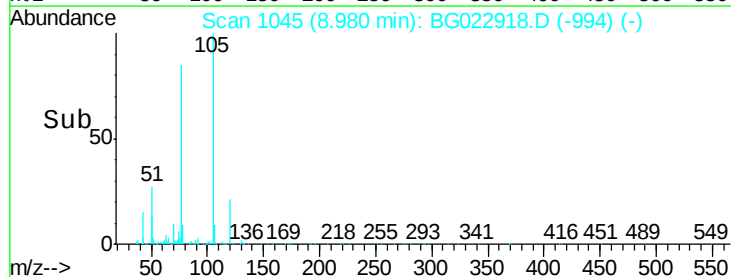
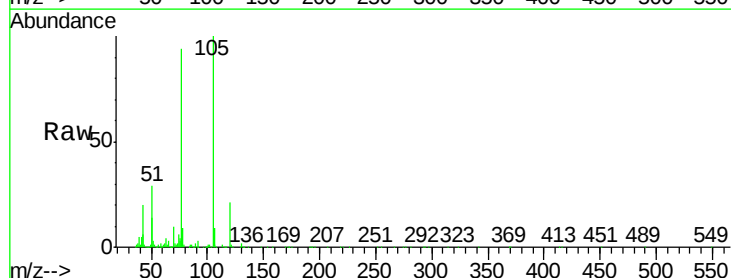
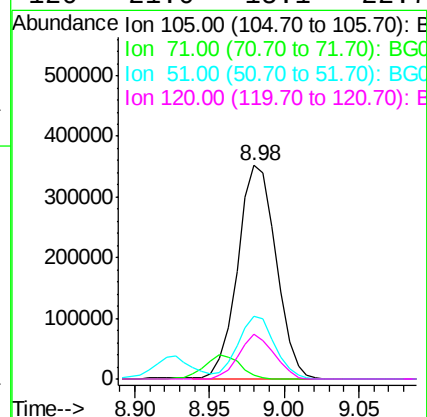
Manual Integrations

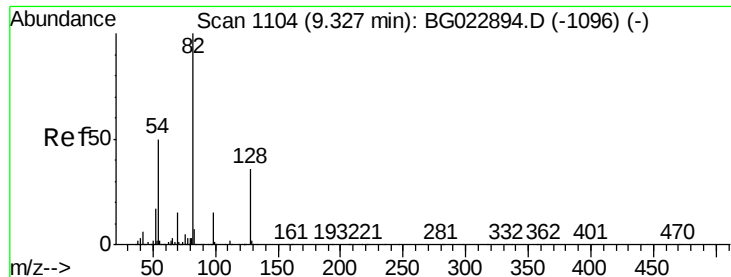
umangi
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#22
Acetophenone
Concen: 39.22 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.6	3.8#
51	29.2	27.1	40.7
120	21.0	15.1	22.7





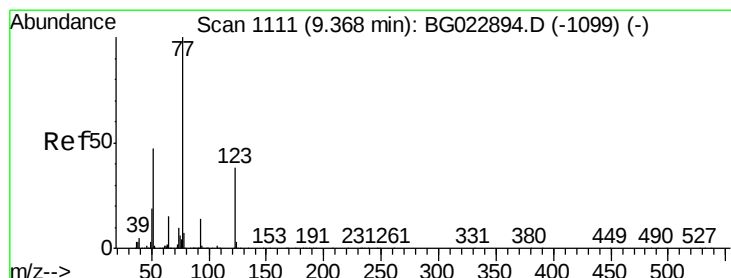
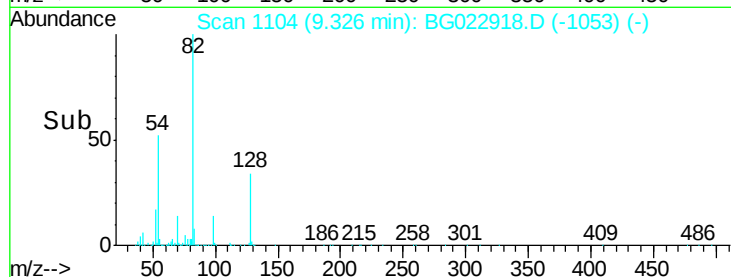
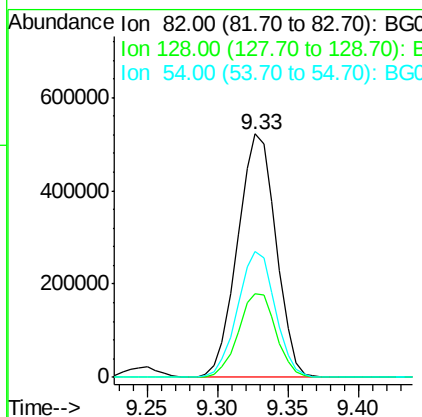
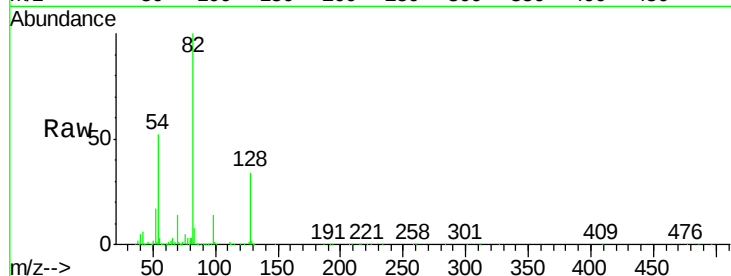
#23
Nitrobenzene-d5
Concen: 79.56 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	24.4	36.6
54	51.9	41.4	62.0

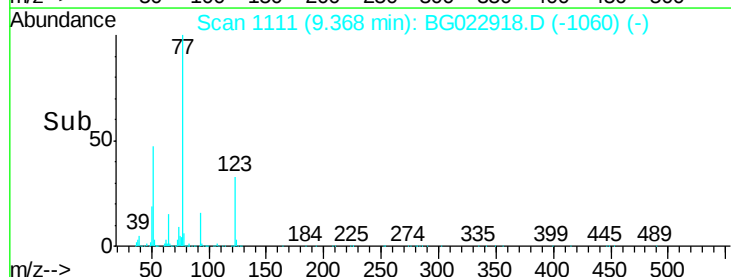
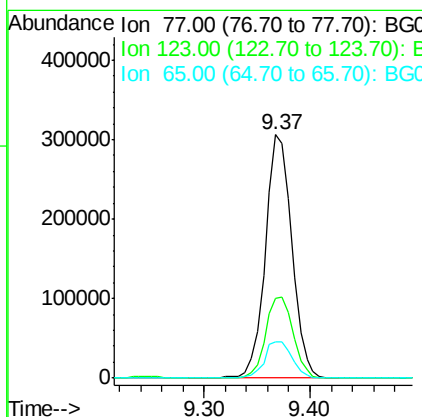
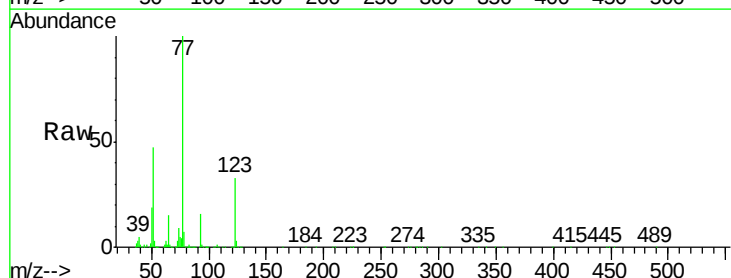
Manual Integrations

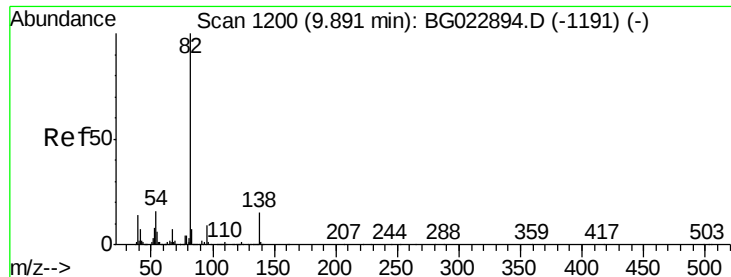
umangi
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#24
Nitrobenzene
Concen: 39.95 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.6	25.0	37.6
65	14.8	13.4	20.0





#25

Isophorone

Concen: 39.03 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

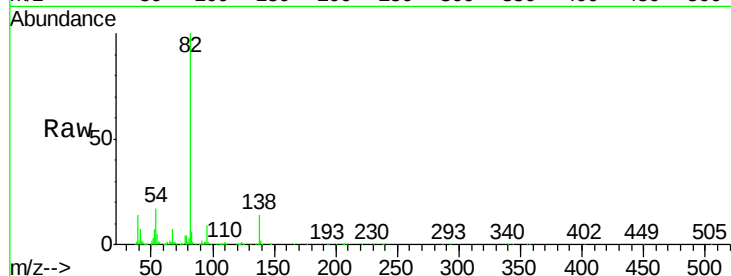
SSTDCCC040

Tot Ion:	82	Resp:	980255
Ion Ratio	Lower	Upper	
82	100		
95	8.9	8.2	12.2
138	13.9	10.7	16.1

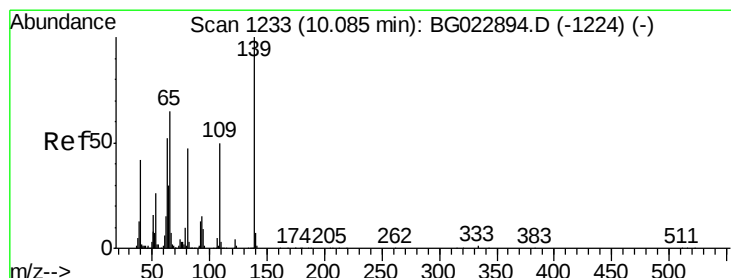
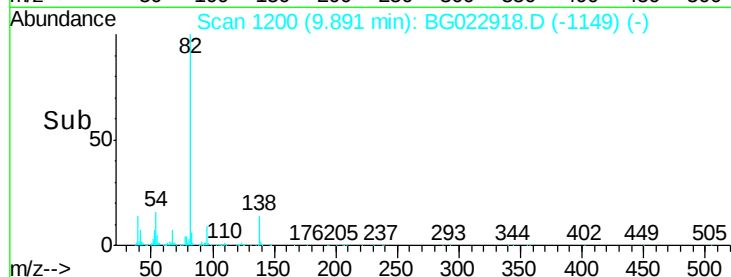
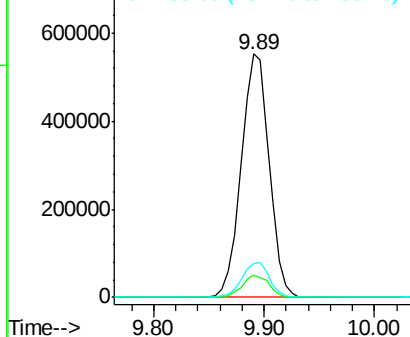
Manual Integrations

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 39.82 ng

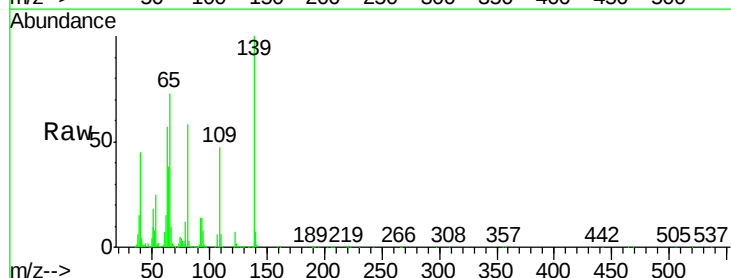
RT: 10.08 min Scan# 1233

Delta R.T. -0.00 min

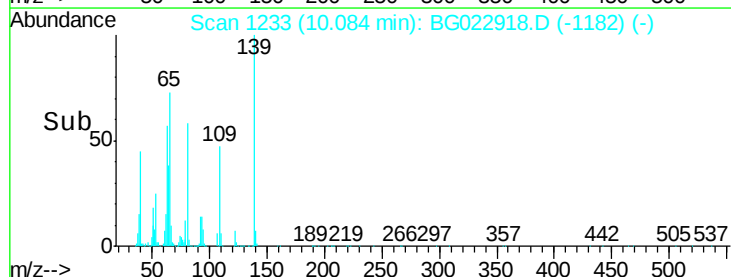
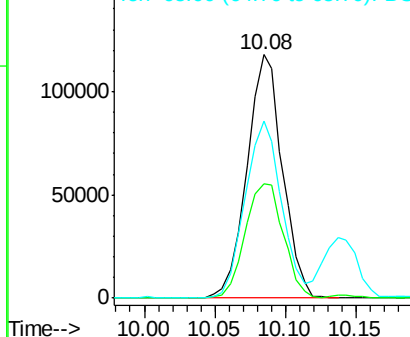
Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Tgt Ion:	139	Resp:	207283
Ion Ratio	Lower	Upper	
139	100		
109	46.8	43.5	65.3
65	72.7	64.3	96.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





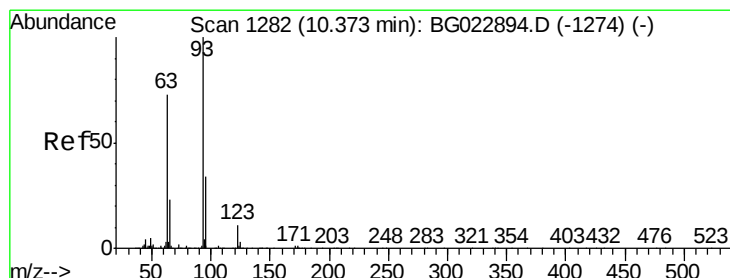
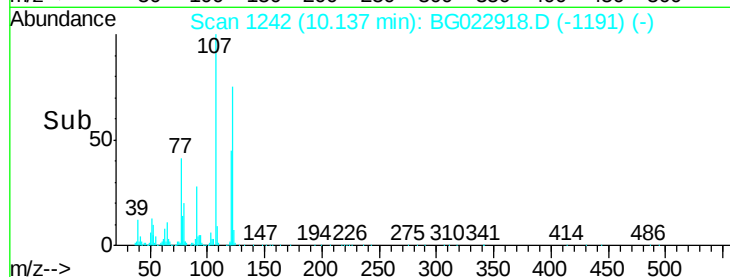
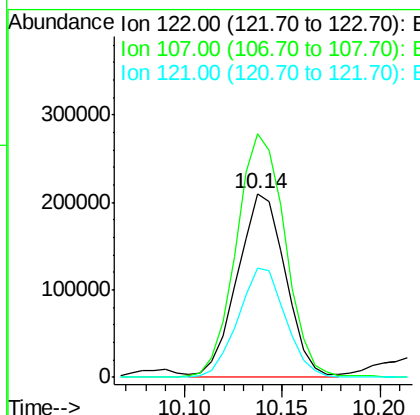
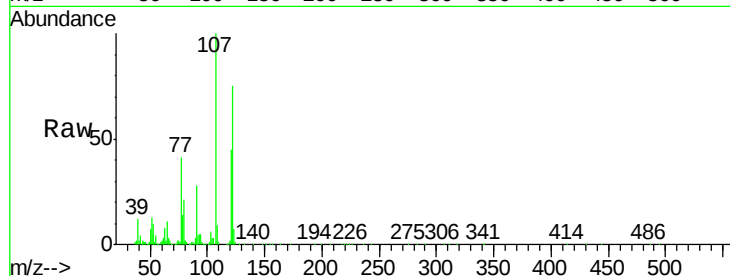
#27
2,4-Dimethylphenol
Concen: 39.57 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.7	117.0	175.4
121	59.6	50.1	75.1

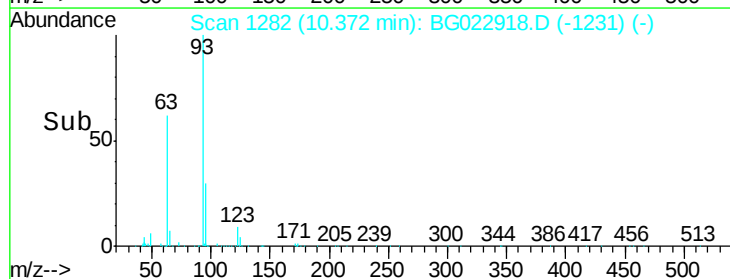
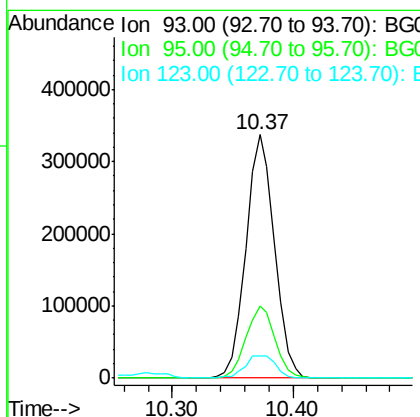
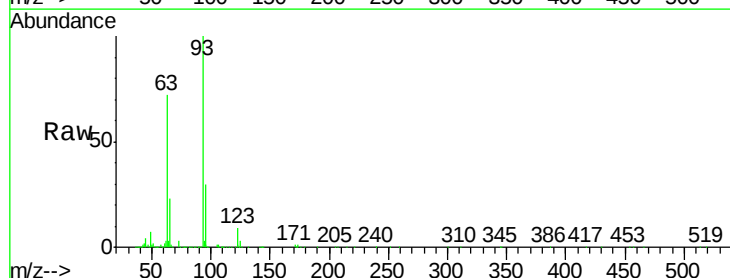
Manual Integrations

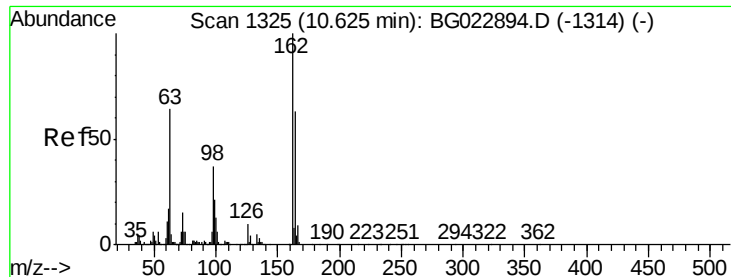
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#28
bis(2-Chloroethoxy)methane
Concen: 39.48 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.9	25.4	38.2
123	9.2	8.2	12.2





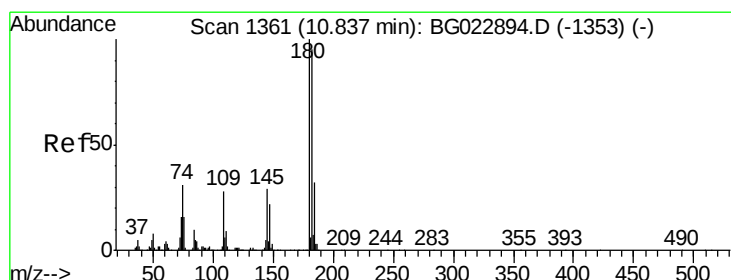
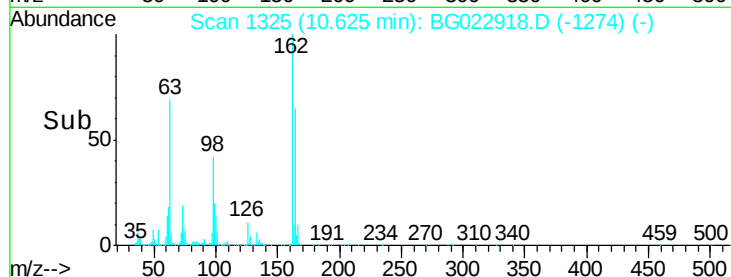
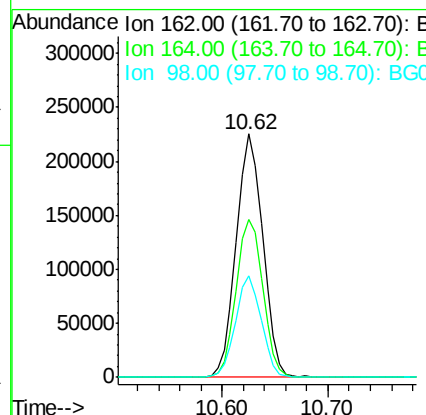
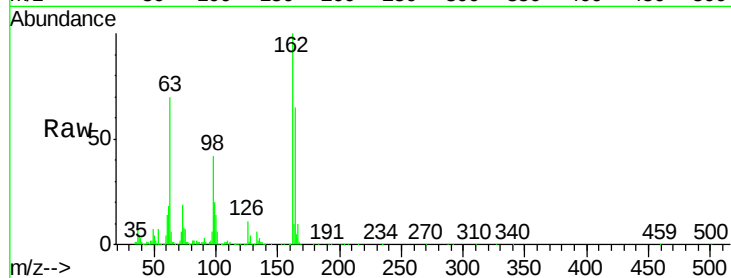
#29
 2,4-Dichlorophenol
 Concen: 41.02 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		393744		
164	64.6	44.3		84.3	
98	41.6	19.5		59.5	

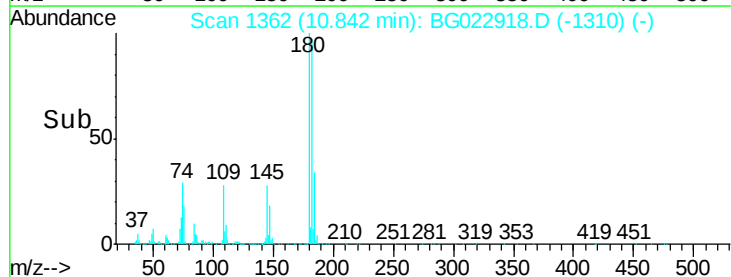
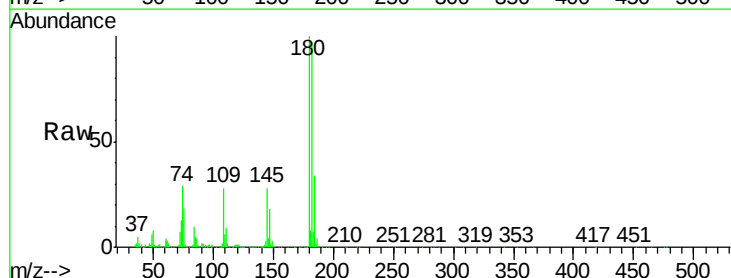
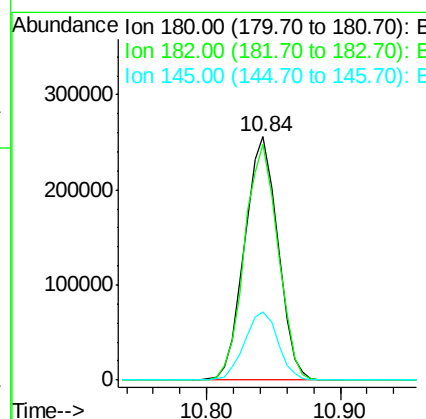
Manual Integrations

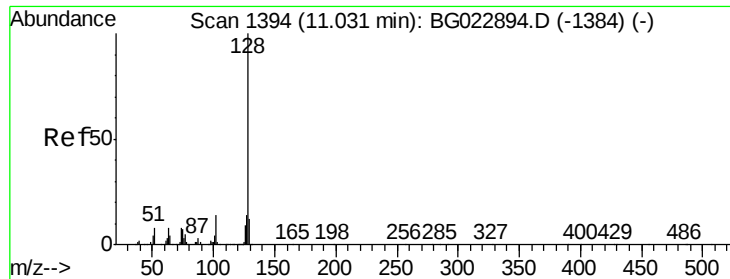
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.09 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		440964		
182	97.0	73.8		110.8	
145	28.2	24.4		36.6	





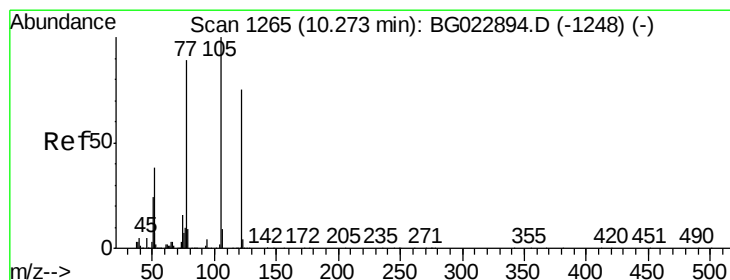
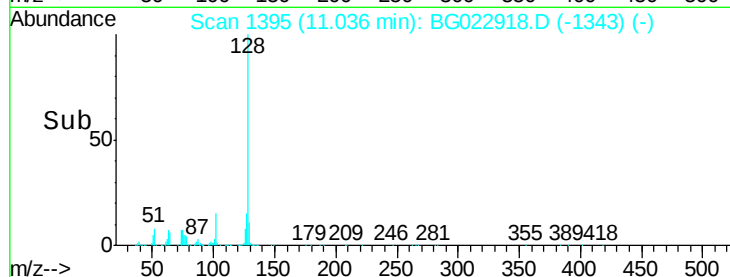
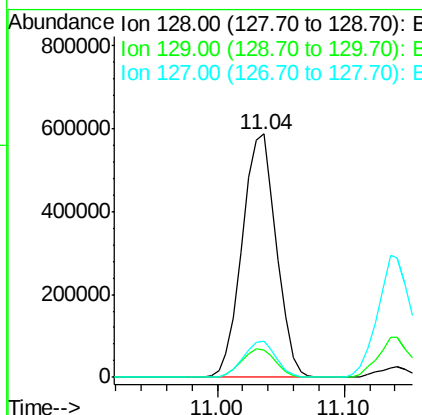
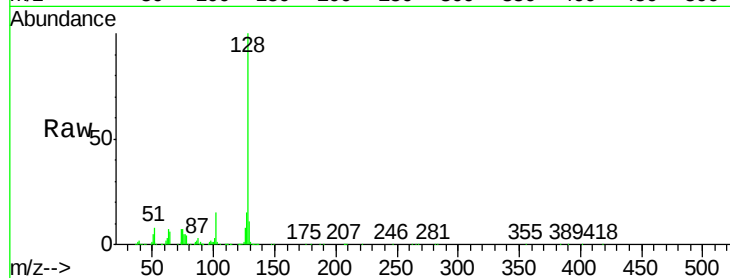
#31
Naphthalene
Concen: 40.30 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	14.7	11.3	16.9

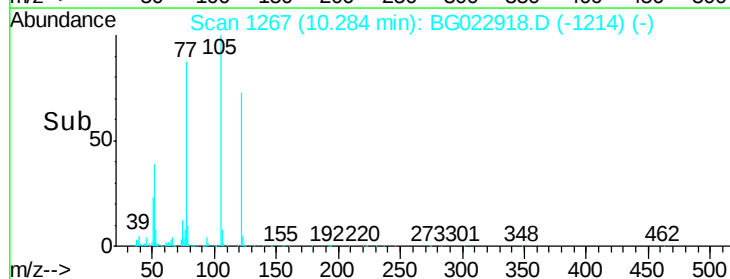
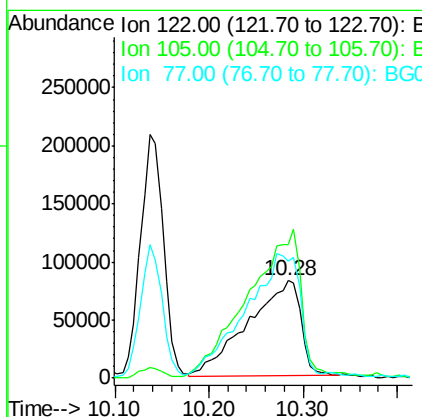
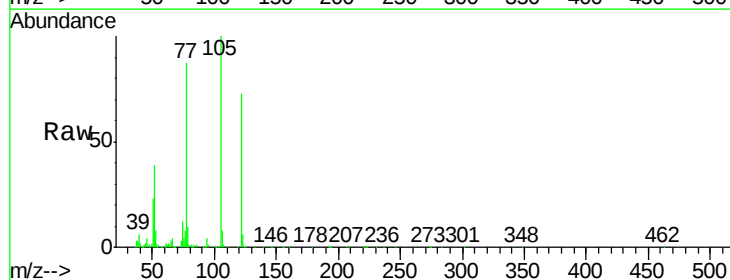
Manual Integrations

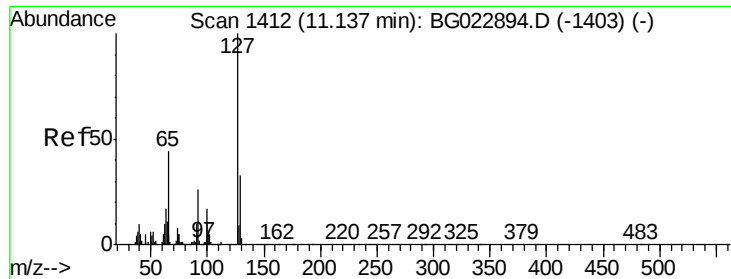
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#32
Benzoic acid
Concen: 39.37 ng
RT: 10.28 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.4	117.2	157.2
77	120.2	109.2	149.2





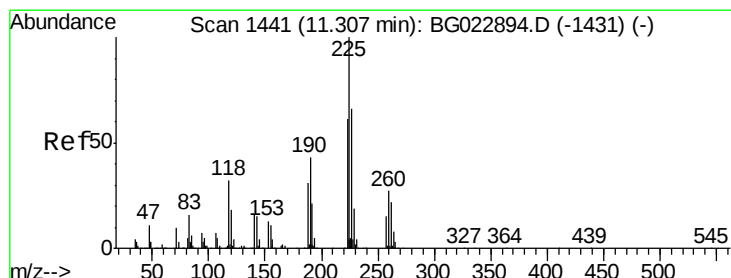
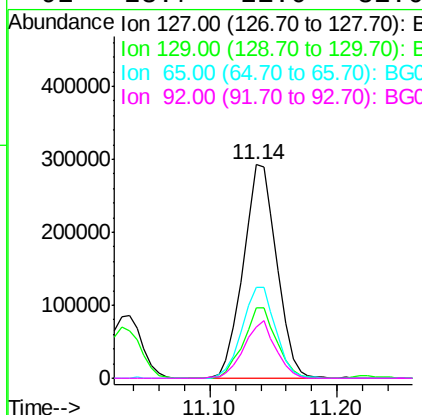
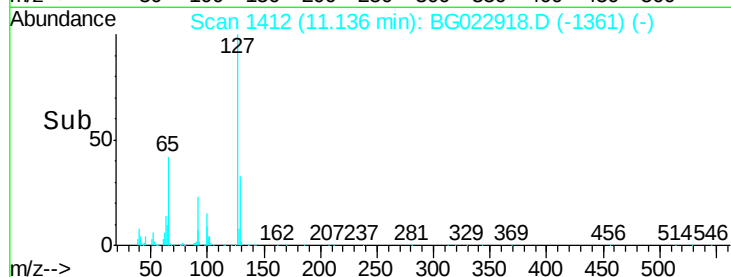
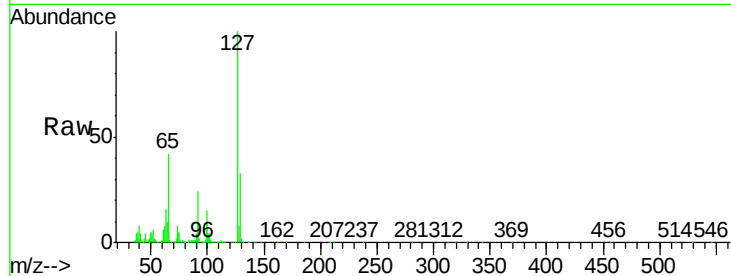
#33
4-Chloroaniline
Concen: 40.28 ng
RT: 11.14 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.9	41.9
65	42.3	36.8	55.2
92	23.7	21.0	31.6

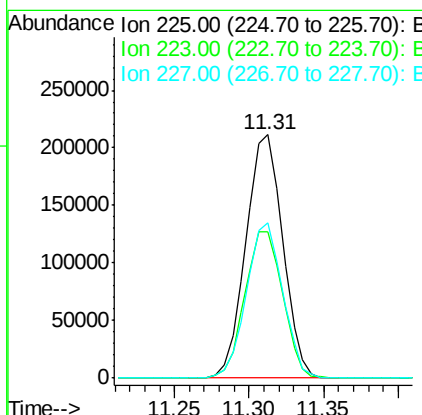
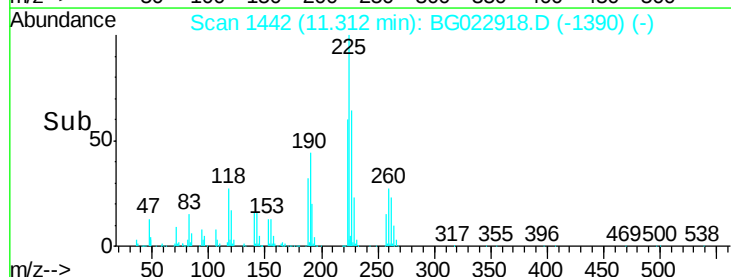
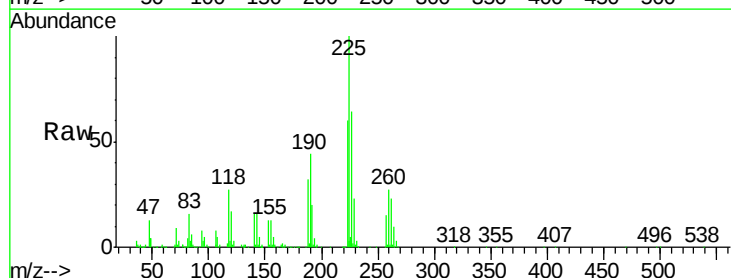
Manual Integrations

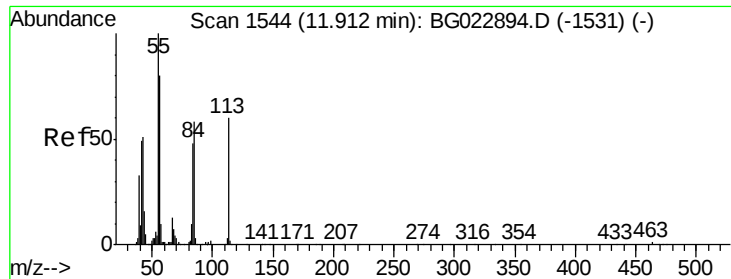
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#34
Hexachlorobutadiene
Concen: 40.58 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	49.6	74.4
227	63.5	54.5	81.7





#35

Caprolactam

Concen: 35.06 ng

RT: 11.92 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 138439

Ion Ratio Lower Upper

113 100

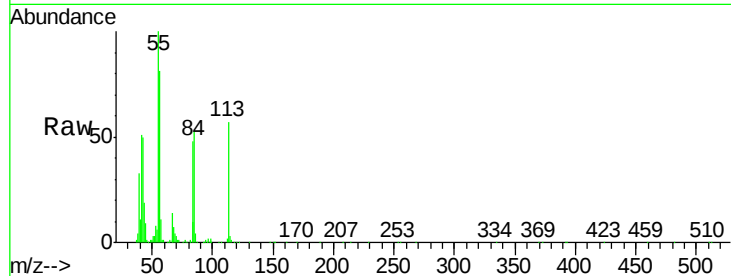
55 176.8 154.5 194.5

56 144.1 125.1 165.1

Manual Integrations

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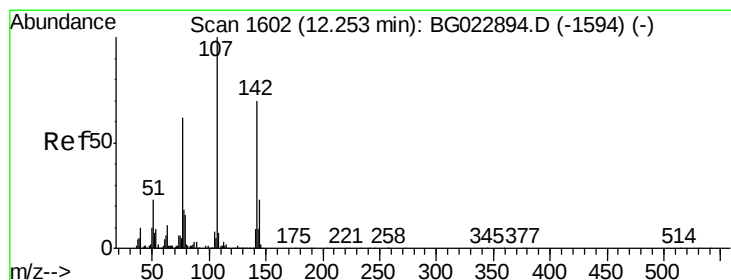
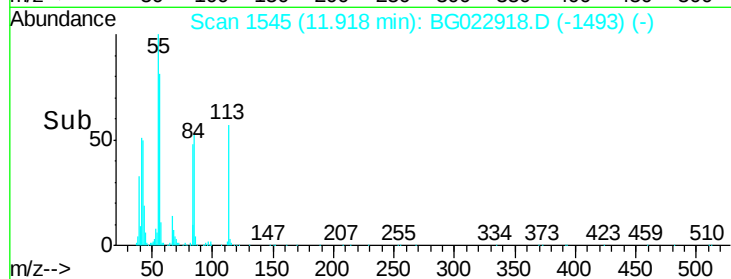
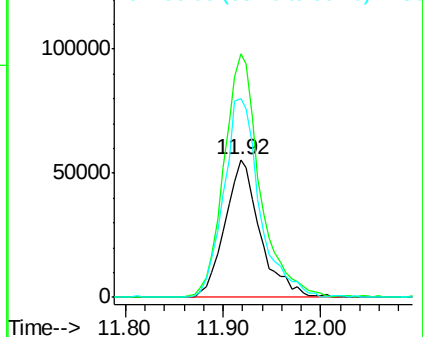
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.23 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

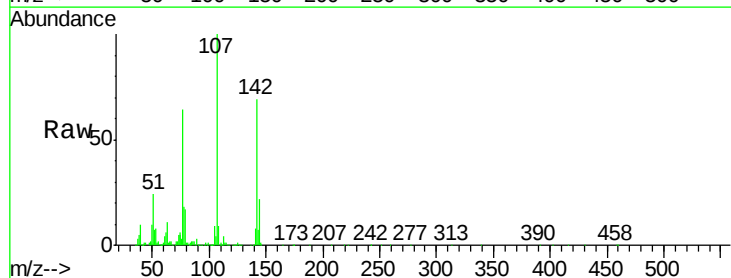
Tgt Ion:107 Resp: 515049

Ion Ratio Lower Upper

107 100

144 22.0 17.0 25.6

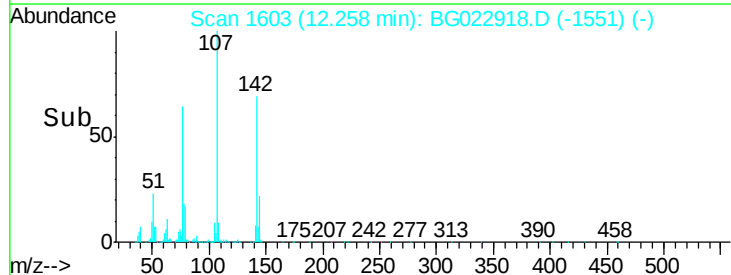
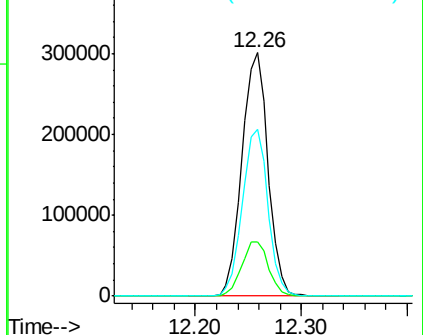
142 68.7 53.0 79.6

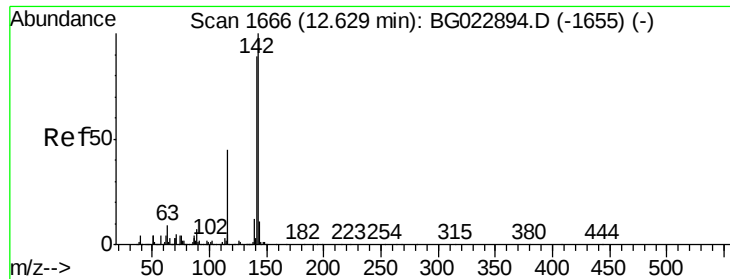


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





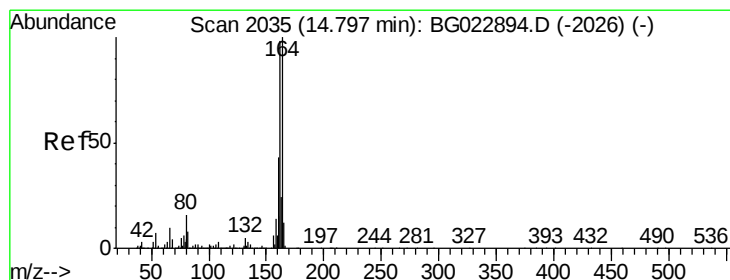
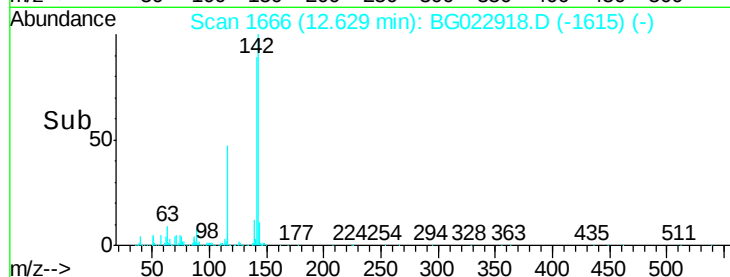
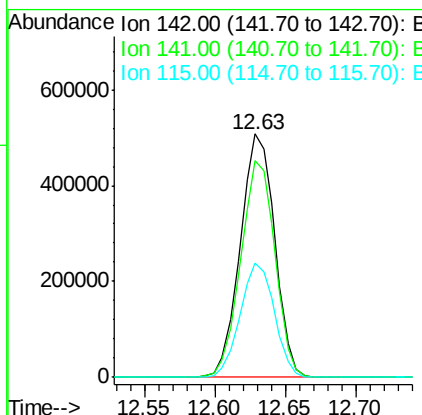
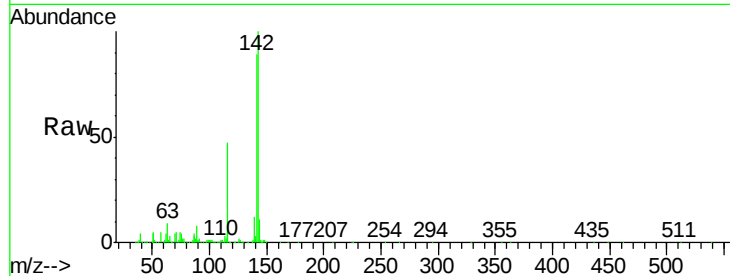
#37
2-Methylnaphthalene
Concen: 40.31 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.2	105.2
115	47.2	41.7	62.5

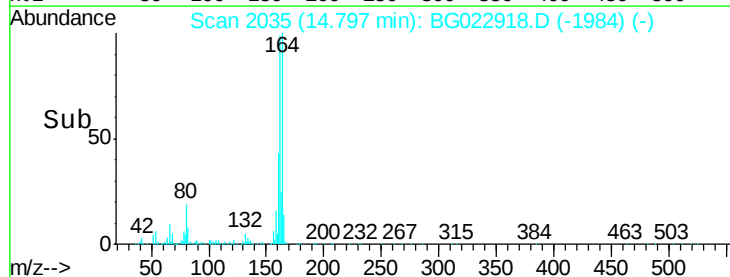
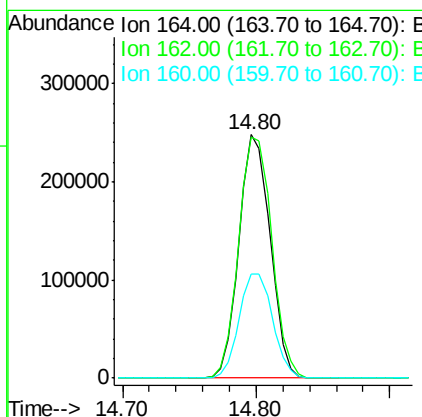
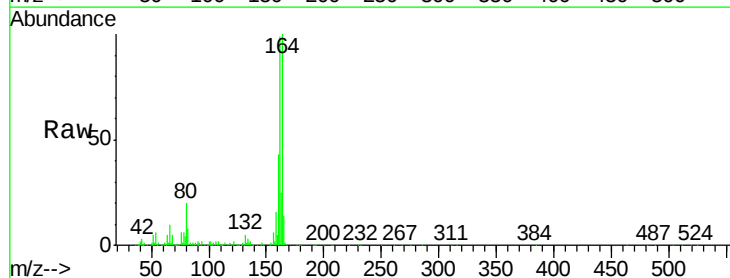
Manual Integrations

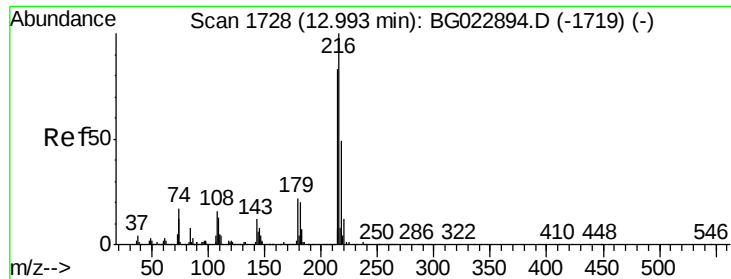
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	87.7	131.5
160	42.6	37.2	55.8





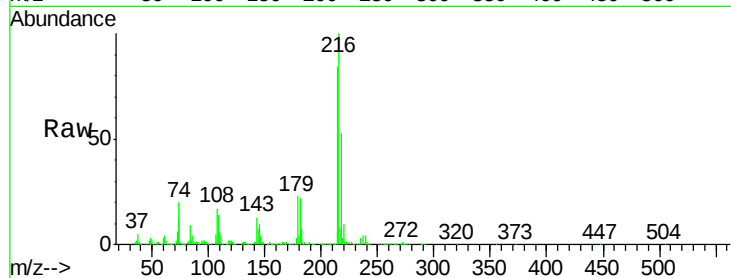
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.83 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

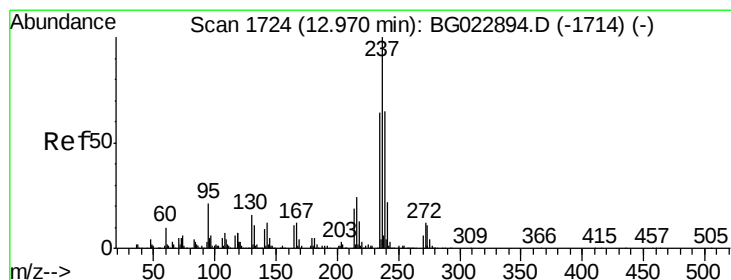
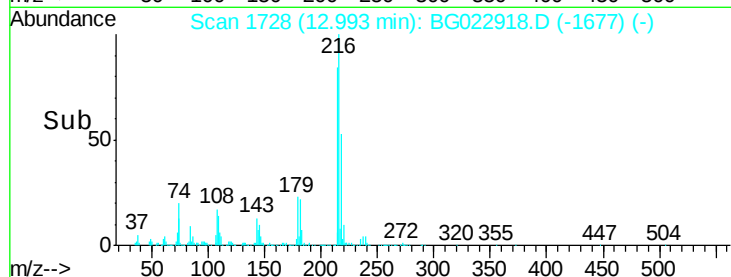
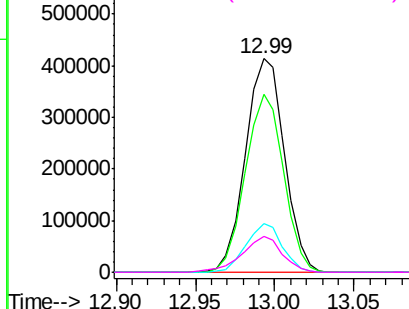
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		706761		
214	81.6	62.9	94.3		
179	21.4	17.2	25.8		
108	17.5	16.3	24.5		

Manual Integrations

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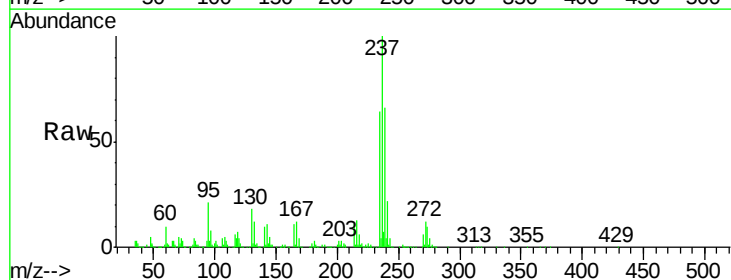


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

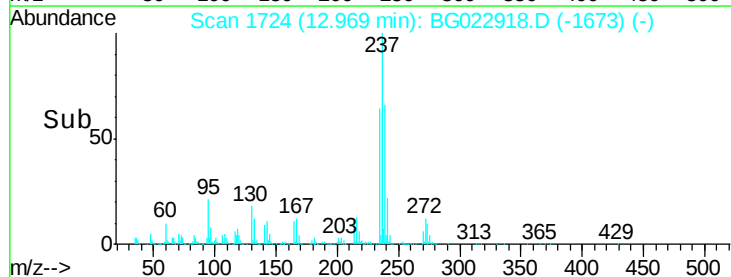
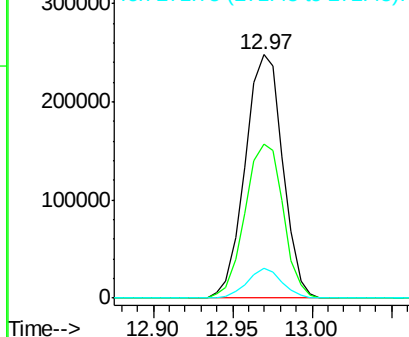


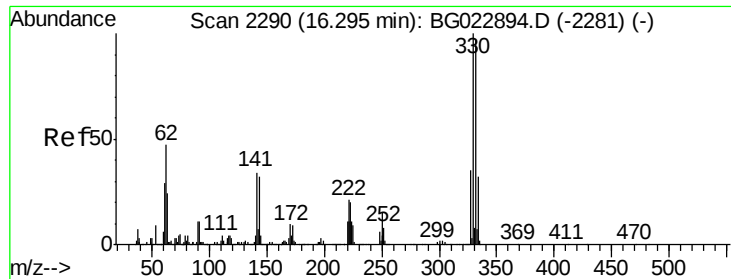
#40
 Hexachlorocyclopentadiene
 Concen: 40.92 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		407814		
235	63.5	43.1	83.1		
272	12.4	0.0	30.9		



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





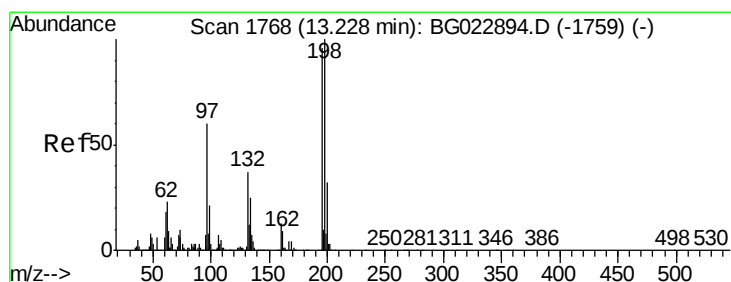
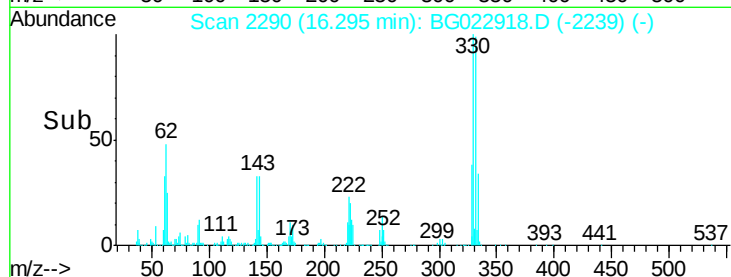
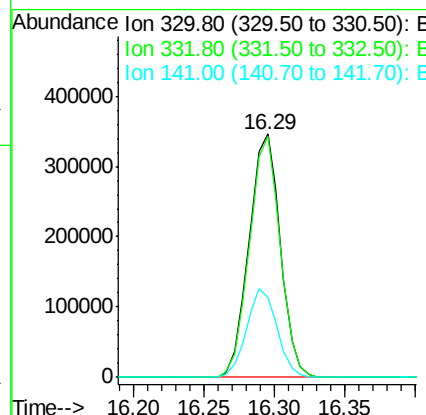
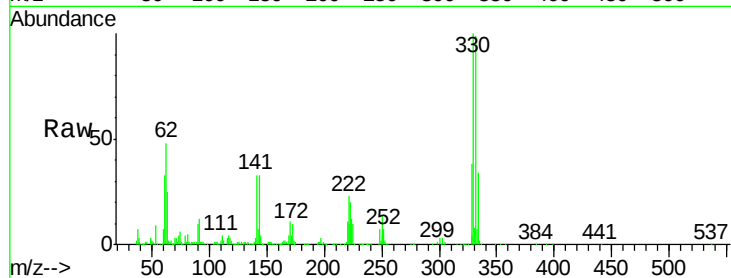
#41
2,4,6-Tribromophenol
Concen: 74.53 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	35.4	31.7	47.5

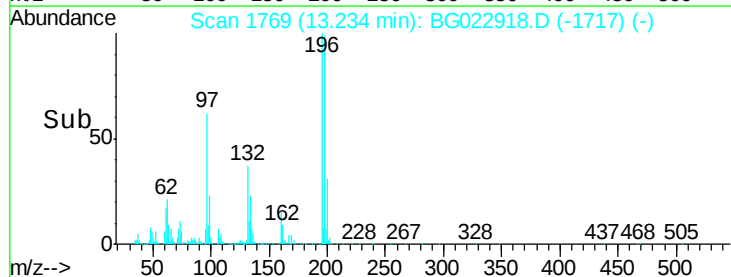
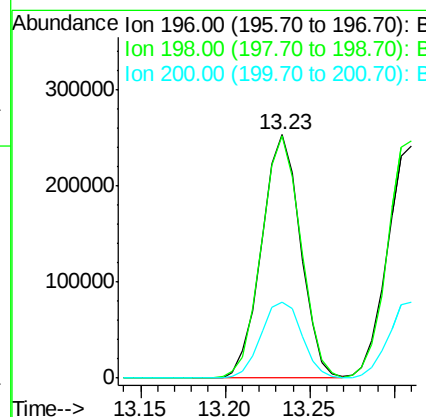
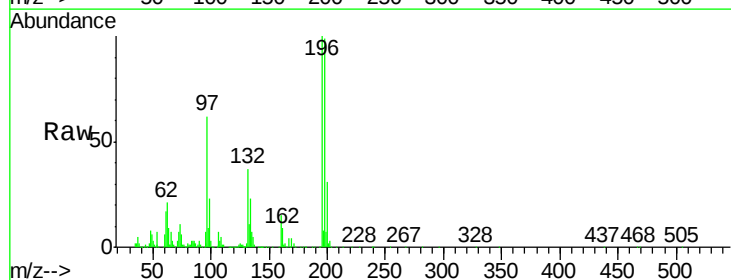
Manual Integrations

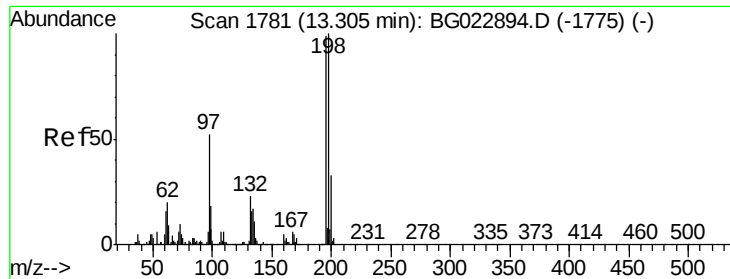
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#42
2,4,6-Trichlorophenol
Concen: 40.46 ng
RT: 13.23 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	78.2	117.2
200	31.4	27.0	40.4





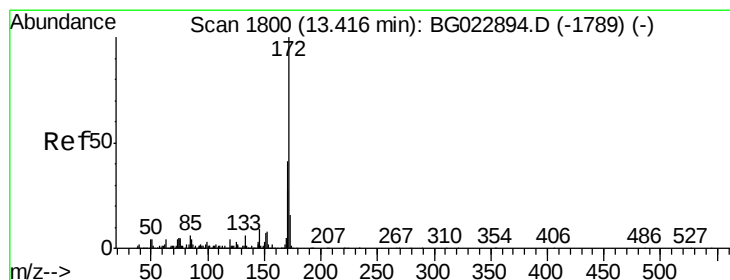
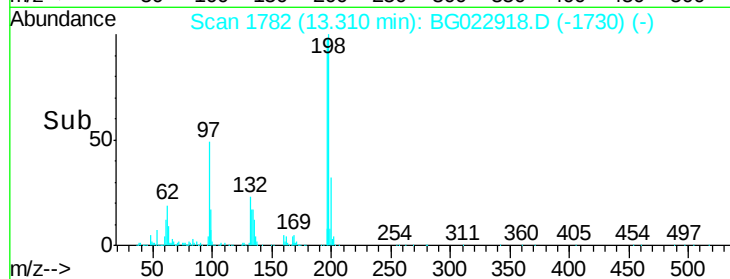
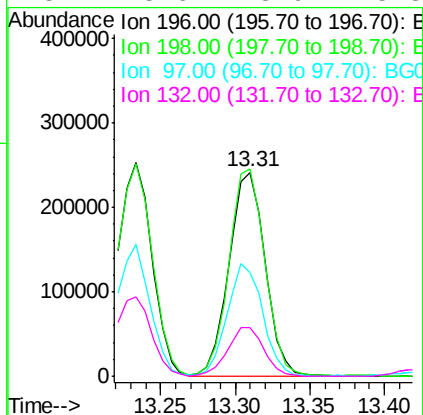
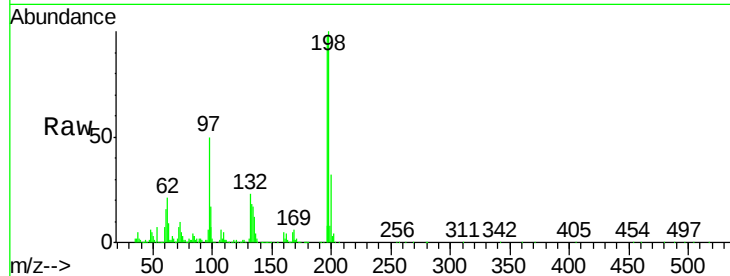
#43
2,4,5-Trichlorophenol
Concen: 39.97 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	196	Resp	408384
Ion Ratio	Lower	Upper	
196	100		
198	101.8	85.7	128.5
97	50.9	45.5	68.3
132	23.6	18.9	28.3

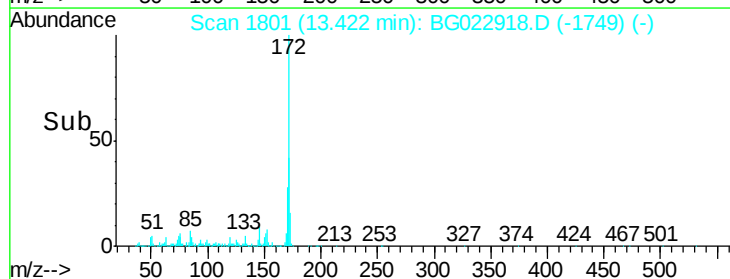
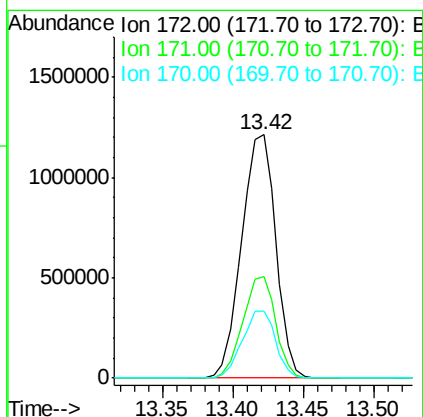
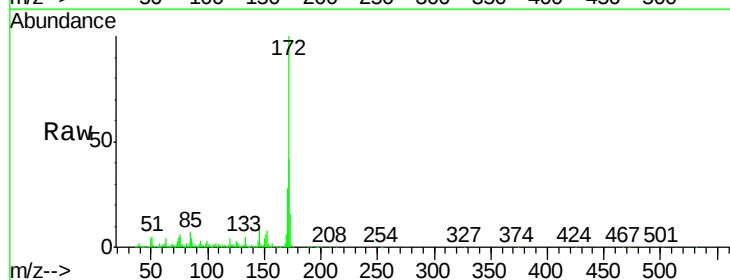
Manual Integrations

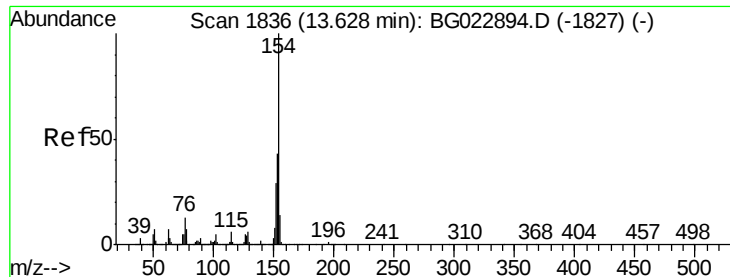
umangi
7/8/2016 7:10:49 PM



#44
2-Fluorobiphenyl
Concen: 80.78 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	172	Resp	2060115
Ion Ratio	Lower	Upper	
172	100		
171	41.5	31.6	47.4
170	27.6	21.3	31.9





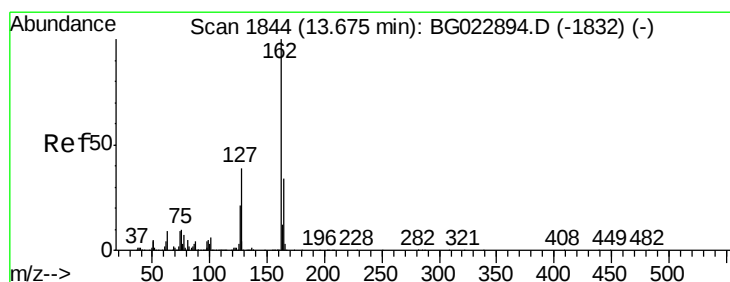
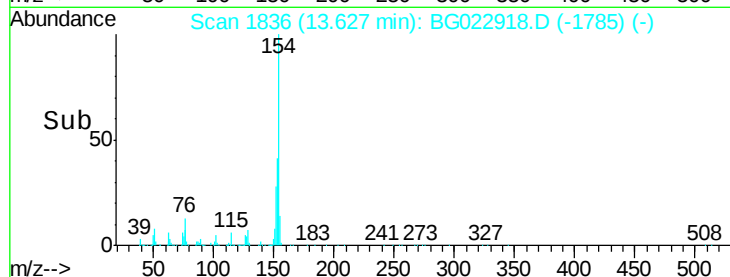
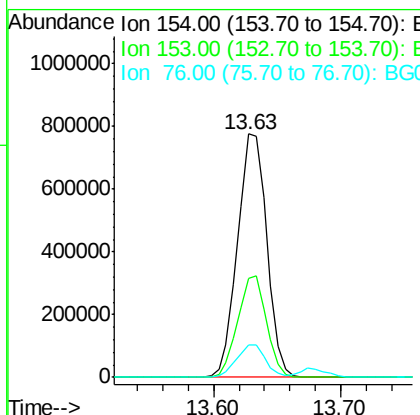
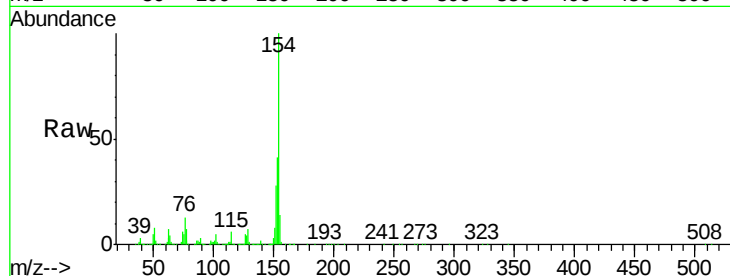
#45
 1,1'-Biphenyl
 Concen: 41.23 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.2	60.2
76	13.1	0.0	32.9

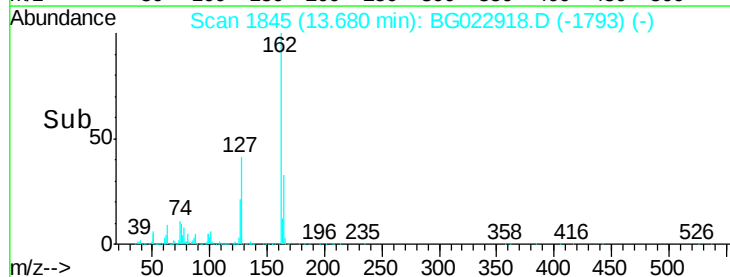
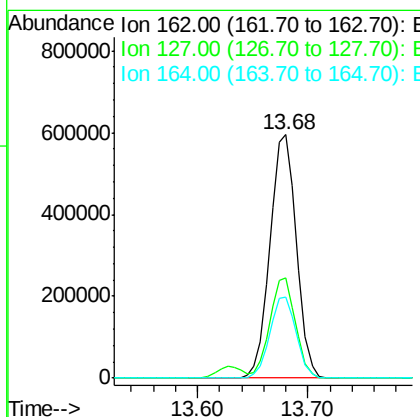
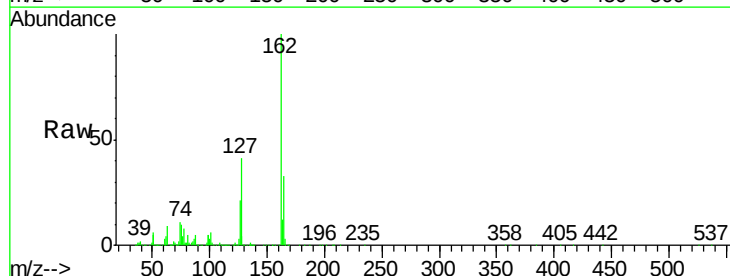
Manual Integrations

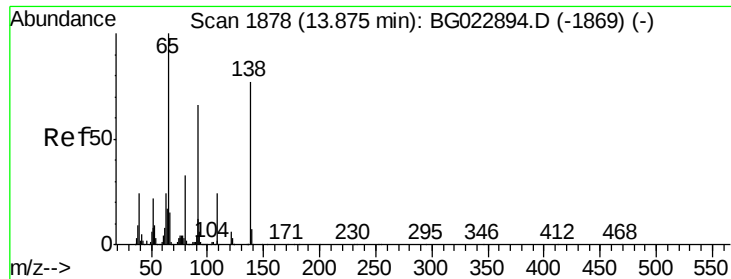
umangi
 7/8/2016 7:10:49 PM



#46
 2-Chloronaphthalene
 Concen: 40.63 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.4	48.6
164	33.1	25.2	37.8





#47

2-Nitroaniline

Concen: 40.45 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 421938

Ion Ratio Lower Upper

65 100

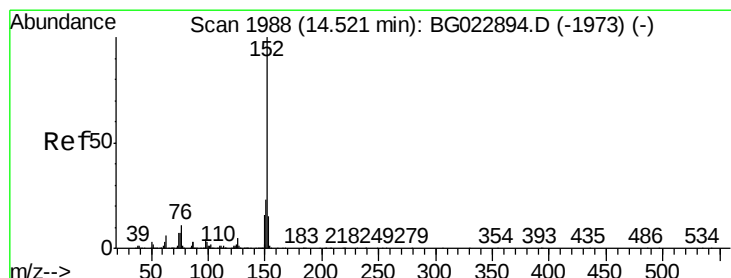
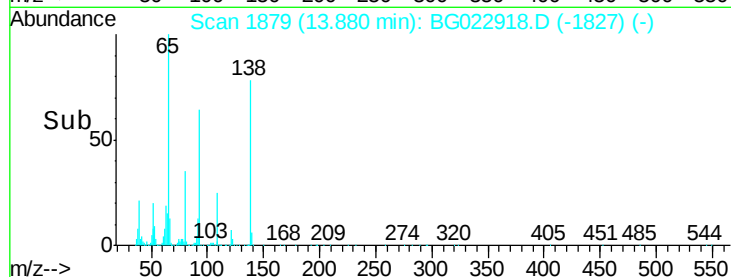
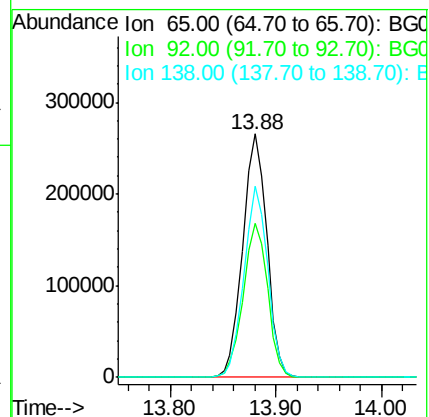
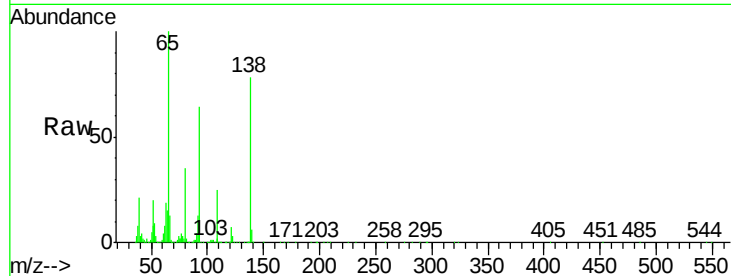
92 63.5 49.4 74.0

138 78.5 58.0 87.0

Manual Integrations

umangi

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#48

Acenaphthylene

Concen: 39.85 ng

RT: 14.53 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

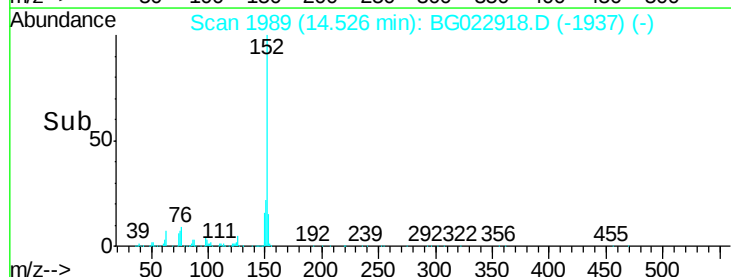
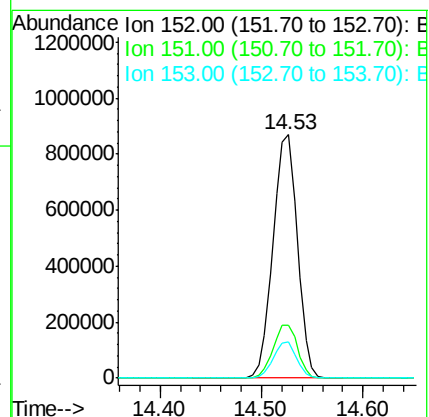
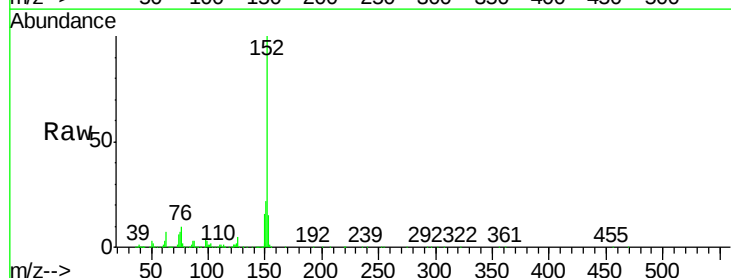
Tgt Ion: 152 Resp: 1461609

Ion Ratio Lower Upper

152 100

151 21.9 17.6 26.4

153 15.0 11.4 17.2





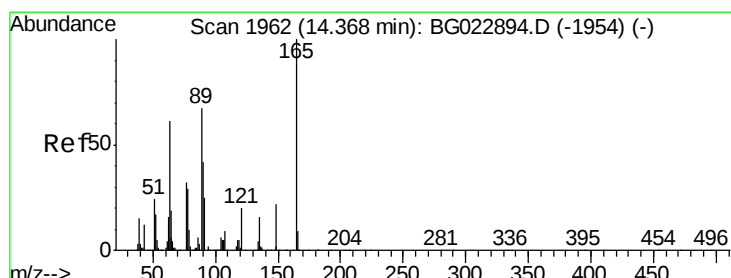
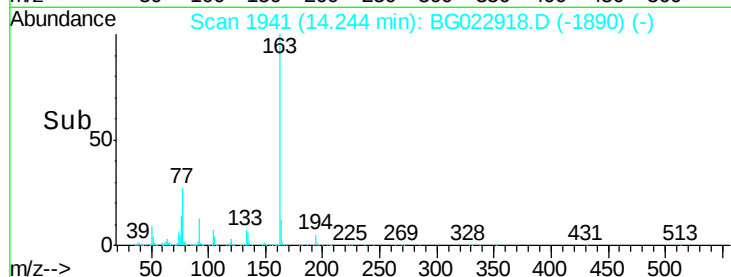
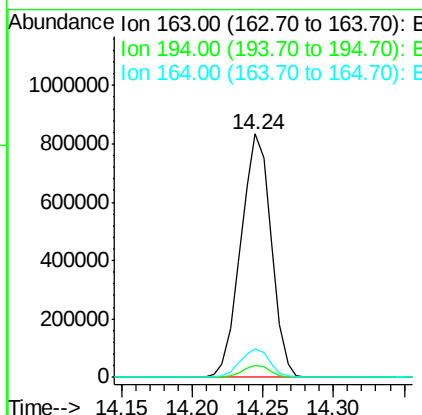
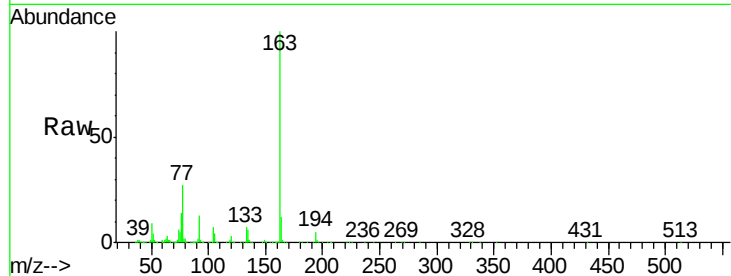
#49
Dimethylphthalate
Concen: 38.26 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1255376
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 11.6 8.1 12.1

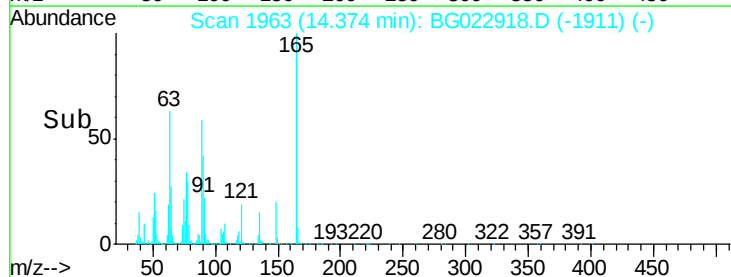
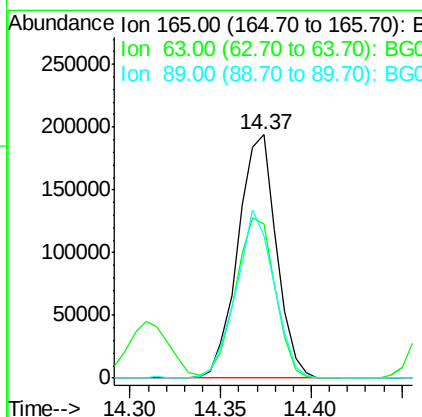
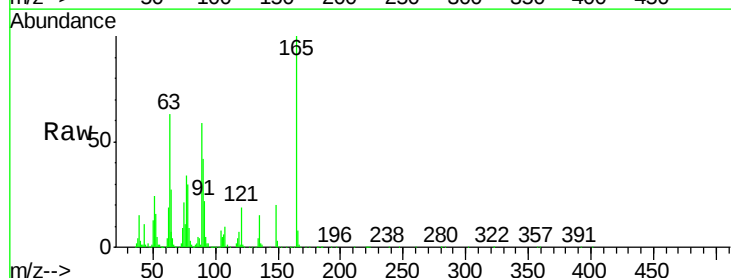
Manual Integrations

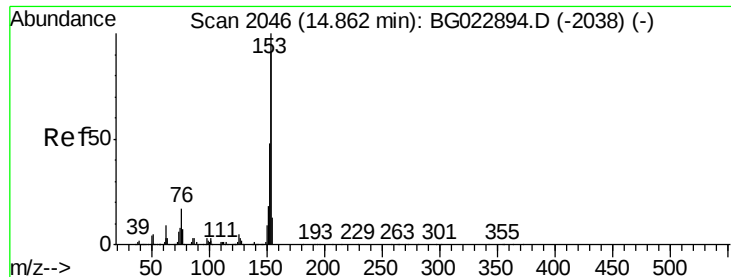
umangi
7/8/2016 7:10:49 PM



#50
2,6-Dinitrotoluene
Concen: 38.70 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion:165 Resp: 285382
Ion Ratio Lower Upper
165 100
63 63.1 64.3 96.5#
89 58.5 64.3 96.5#





#51

Acenaphthene

Concen: 45.43 ng/mL

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1088880

Ion	Ratio	Lower	Upper
154	100		
153	111.3	87.5	131.3
152	53.5	42.7	64.1

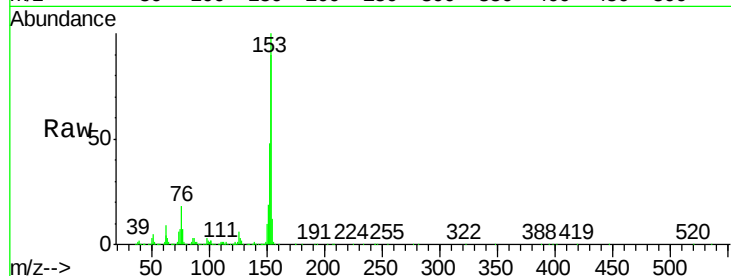
153 111.3 87.5 131.3

152 53.5 42.7 64.1

Manual Integrations

umangi

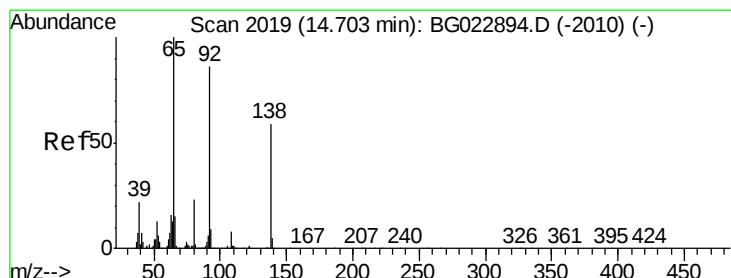
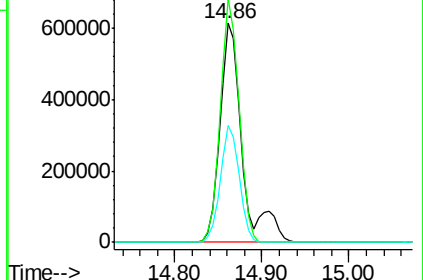
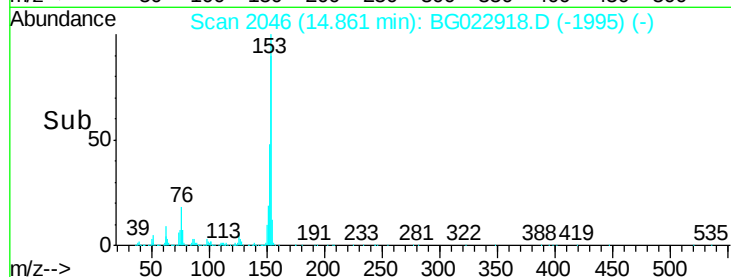
7/8/2016 7:10:49 PM



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: 41.00 ng/mL

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

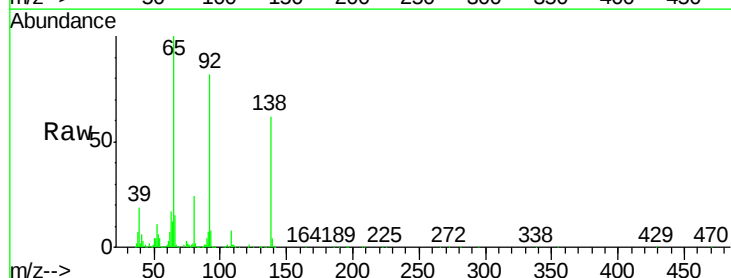
Tgt Ion:138 Resp: 301512

Ion	Ratio	Lower	Upper
138	100		
108	13.1	11.7	17.5
92	133.0	129.7	194.5

138 100

108 13.1 11.7 17.5

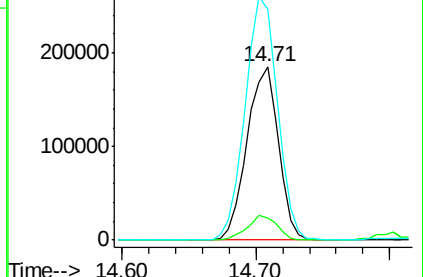
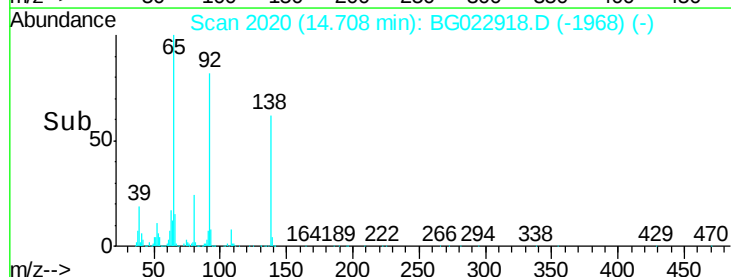
92 133.0 129.7 194.5

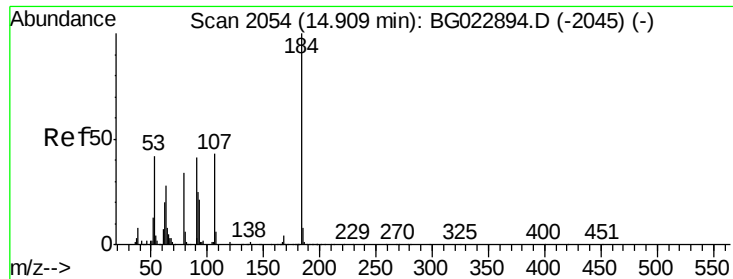


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





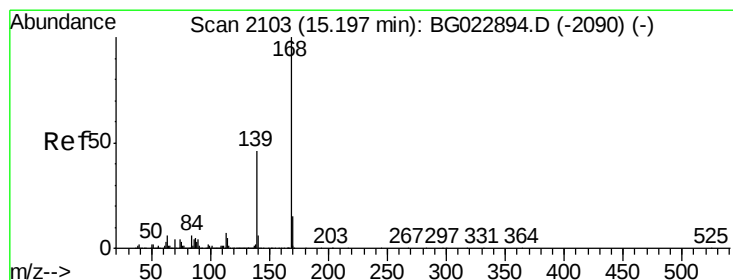
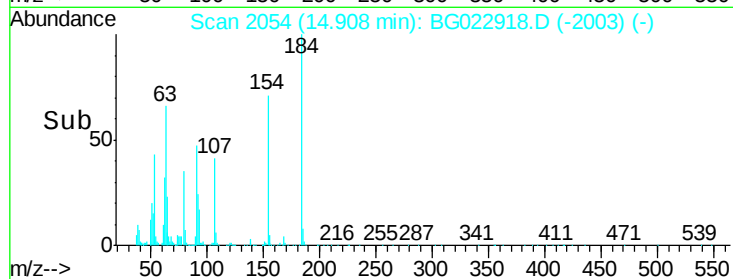
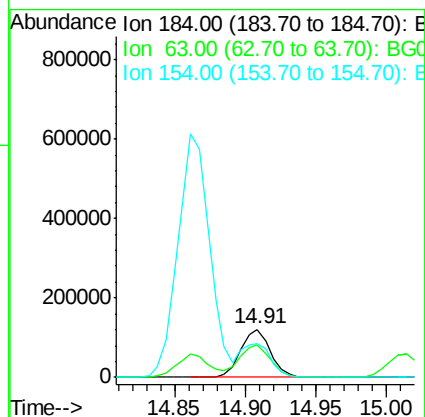
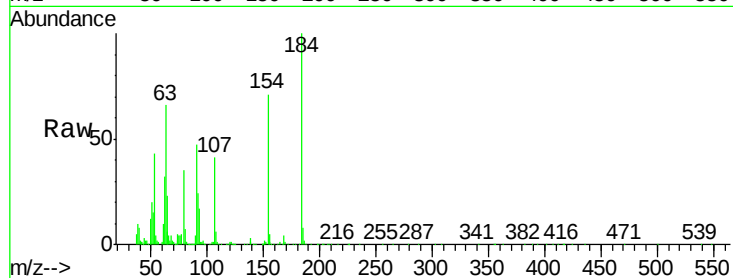
#53
2,4-Dinitrophenol
Concen: 35.80 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
63	66.3	59.6	89.4	
154	71.0	67.4	101.0	

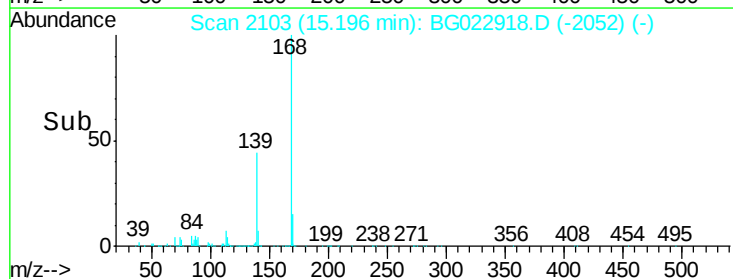
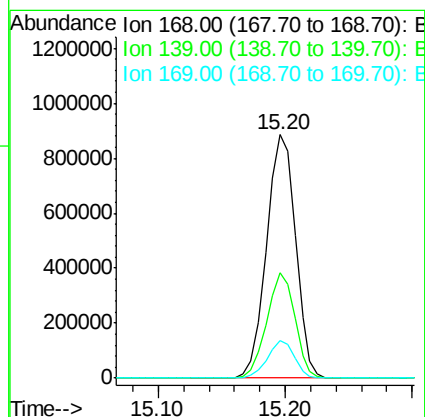
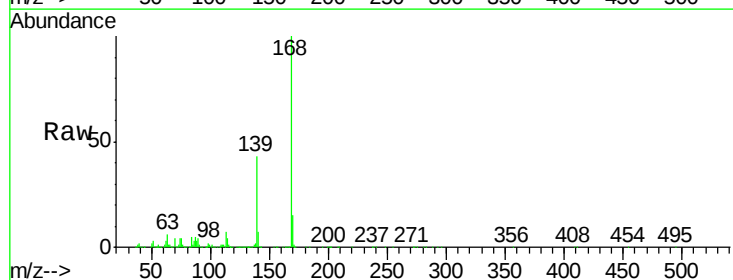
Manual Integrations

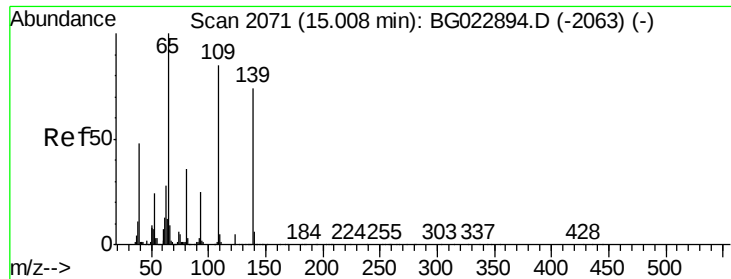
umangi
7/8/2016 7:10:49 PM



#54
Dibenzofuran
Concen: 39.29 ng
RT: 15.20 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	43.4	36.4	54.6	
169	15.2	11.9	17.9	





#55

4-Nitrophenol

Concen: 37.22 ng

RT: 15.01 min Scan# 2072

Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 229422

Ion Ratio Lower Upper

139 100

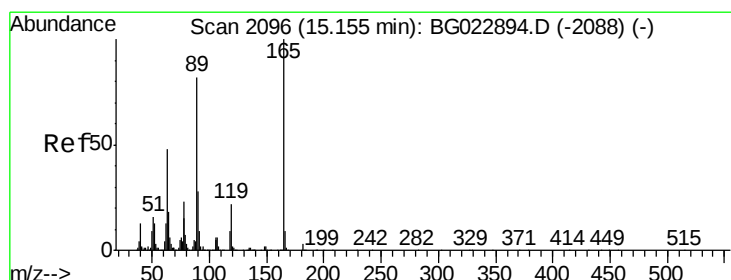
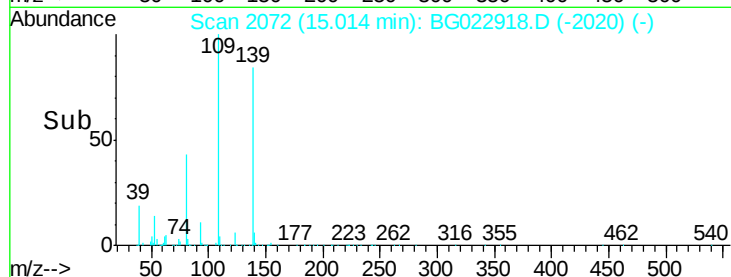
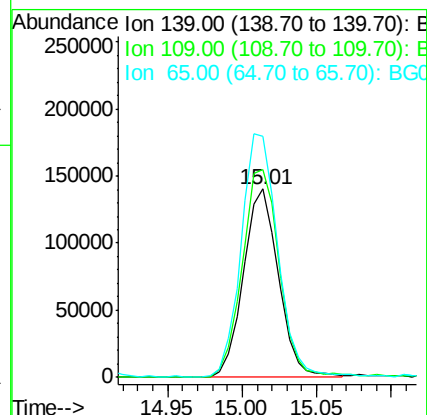
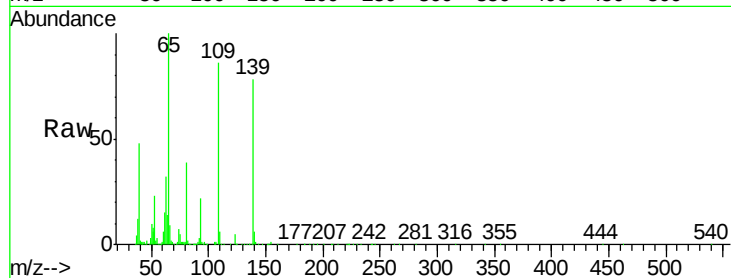
109 110.1 103.0 143.0

65 128.3 112.7 152.7

Manual Integrations

umangi

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#56

2,4-Dinitrotoluene

Concen: 38.85 ng

RT: 15.15 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Tgt Ion:165 Resp: 417690

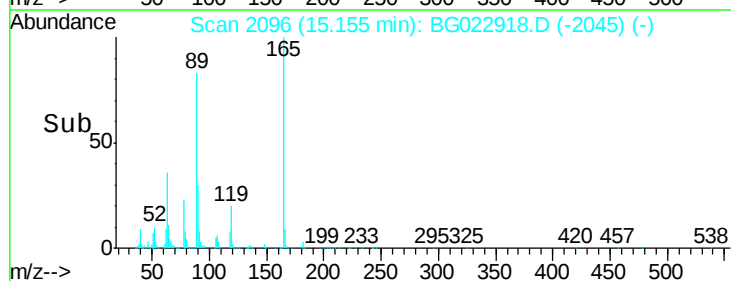
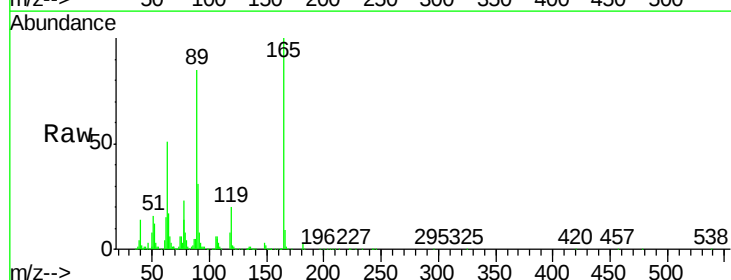
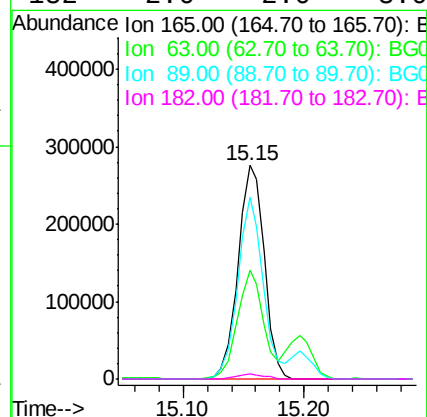
Ion Ratio Lower Upper

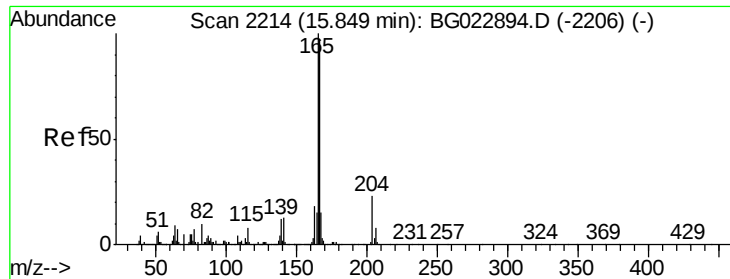
165 100

63 51.1 45.8 68.6

89 84.8 68.6 102.8

182 2.6 2.0 3.0





#57

Fluorene

Concen: 39.16 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1209204

Ion Ratio Lower Upper

166 100

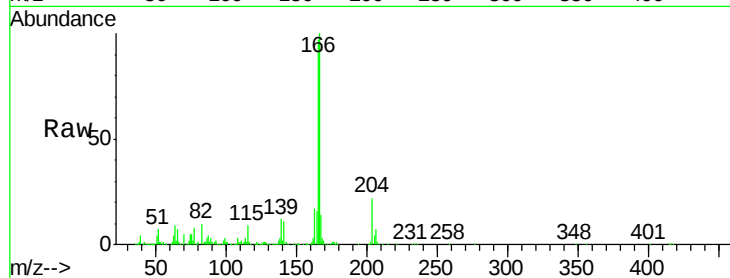
165 97.1 81.0 121.6

167 13.9 12.0 18.0

Manual Integrations

umangi

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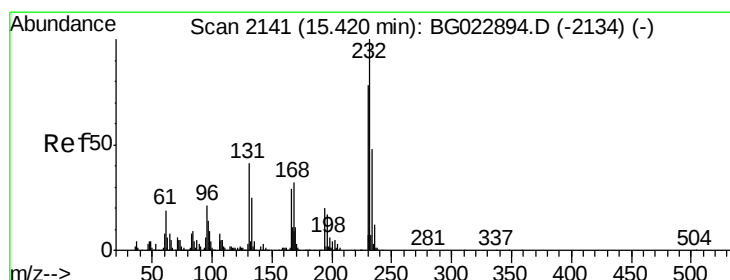
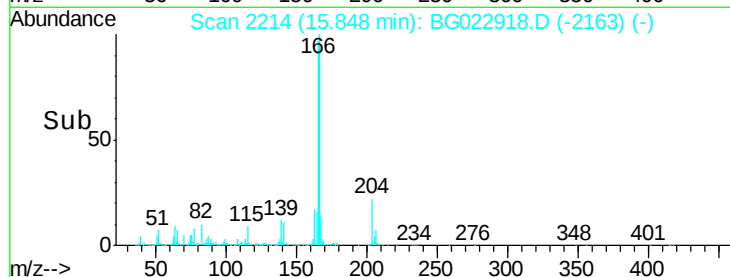
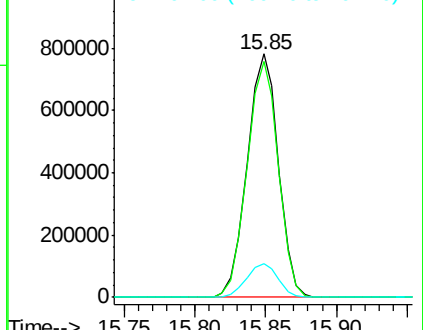


Abundance

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: 38.96 ng m

RT: 15.43 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Tgt Ion:232 Resp: 398231

Ion Ratio Lower Upper

232 100

131 36.8 32.7 49.1

130 2.8 2.6 3.8

166 24.8 23.0 34.6

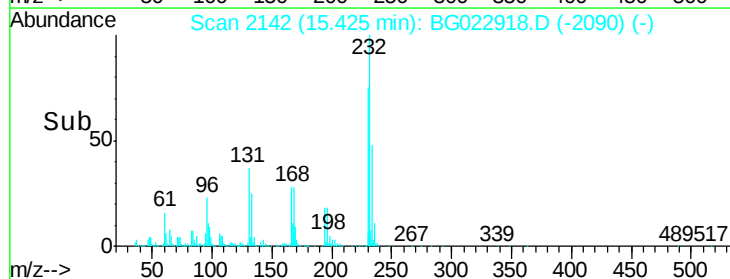
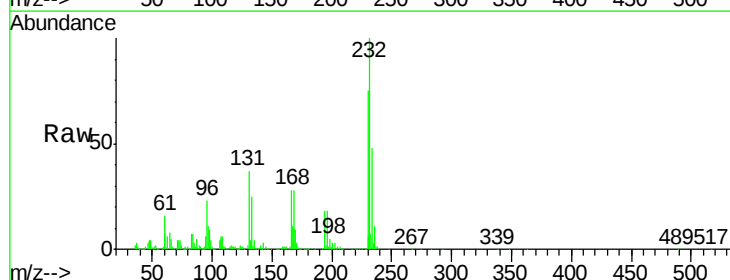
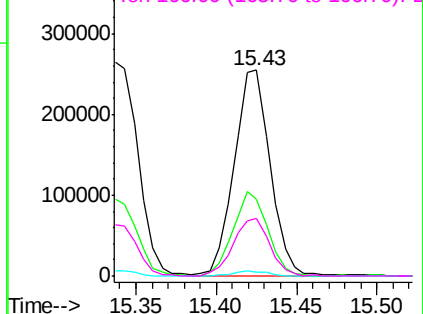
Abundance

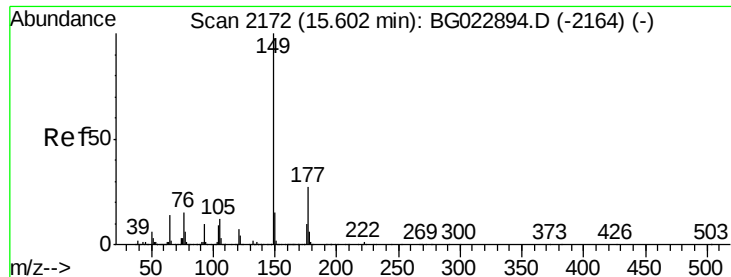
Ion 232.00 (231.70 to 232.70): E

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





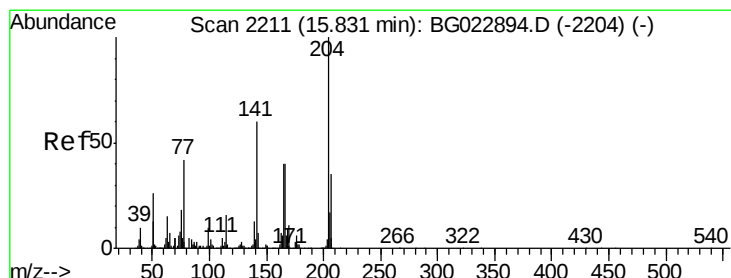
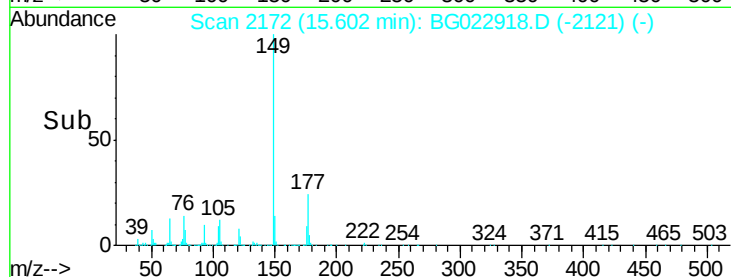
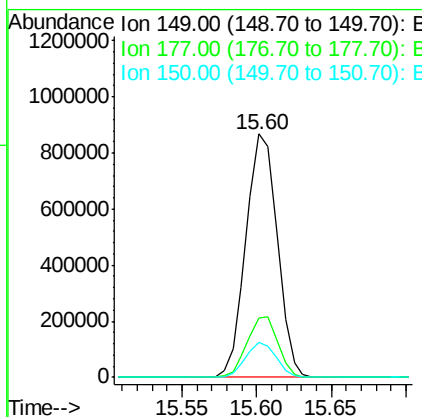
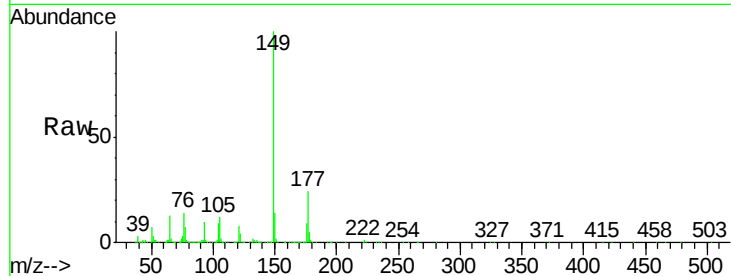
#59
Diethylphthalate
Concen: 37.81 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.2	28.8
150	14.2	10.6	16.0

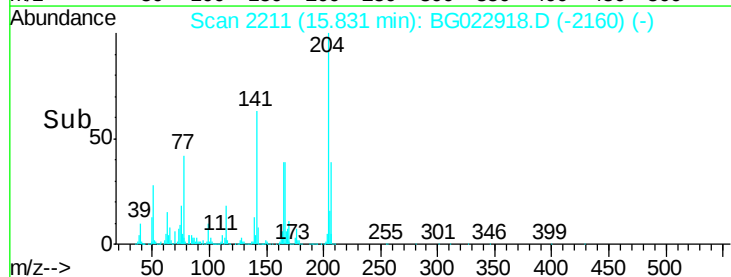
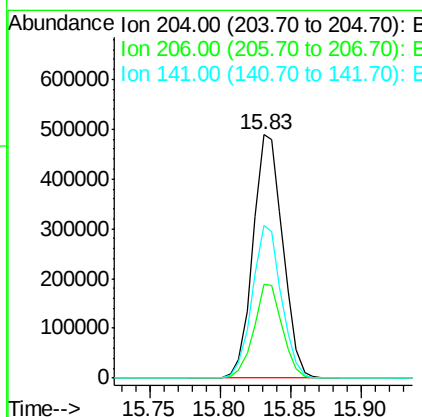
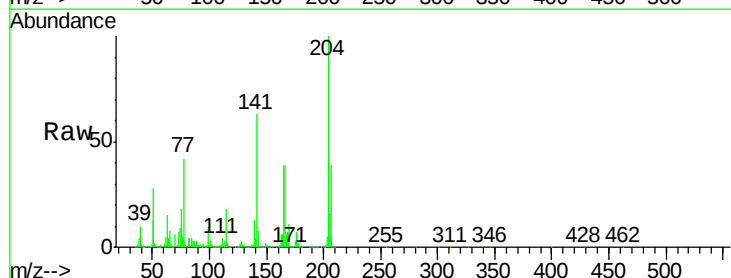
Manual Integrations

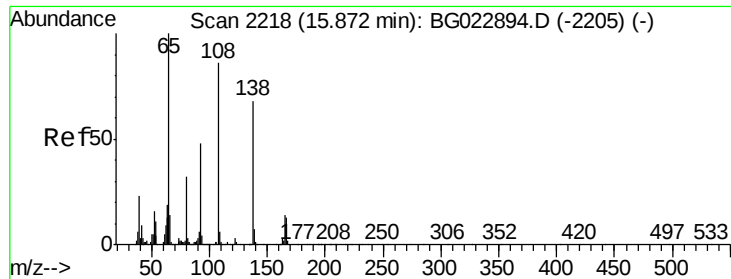
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 38.54 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	38.6	28.5	42.7
141	62.7	51.4	77.0





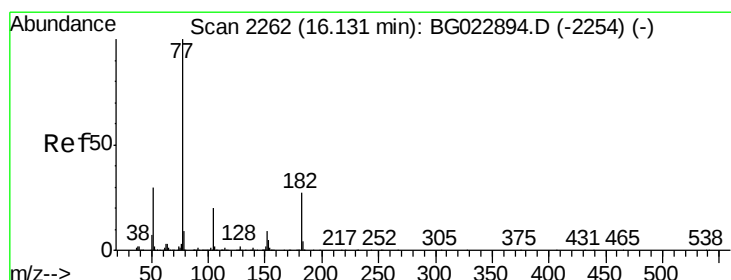
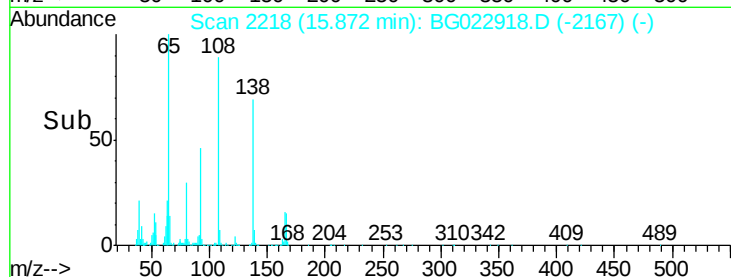
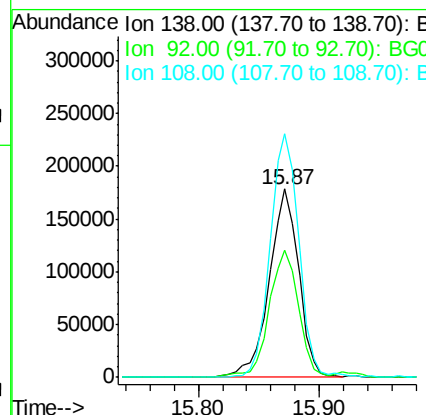
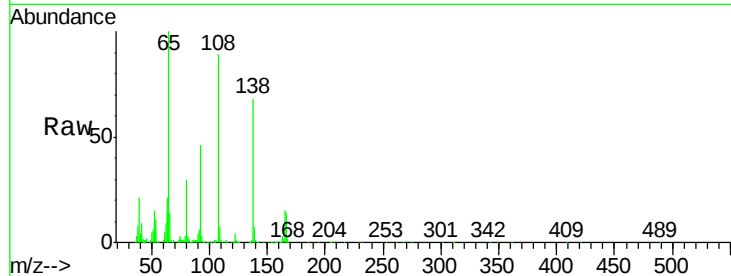
#61
4-Nitroaniline
Concen: 37.79 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	67.6	54.1	94.1
108	129.3	133.9	173.9#

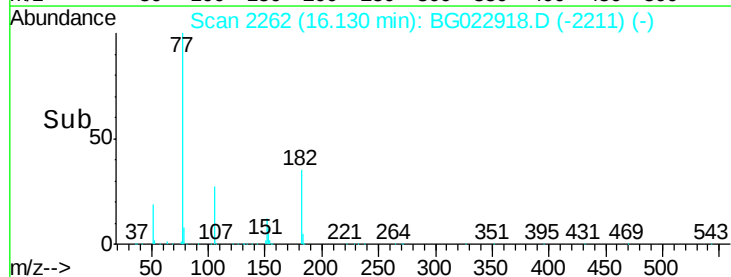
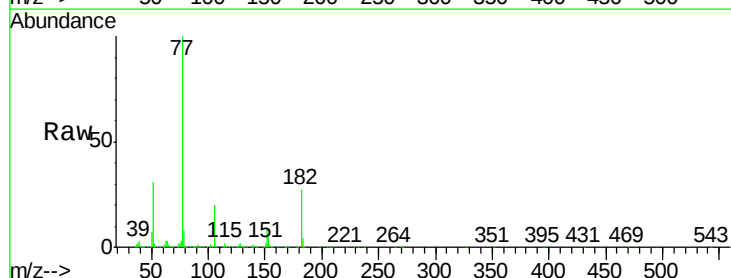
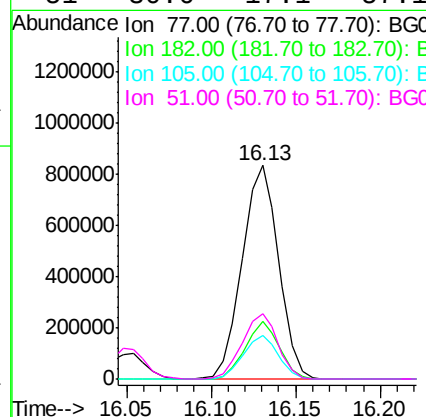
Manual Integrations

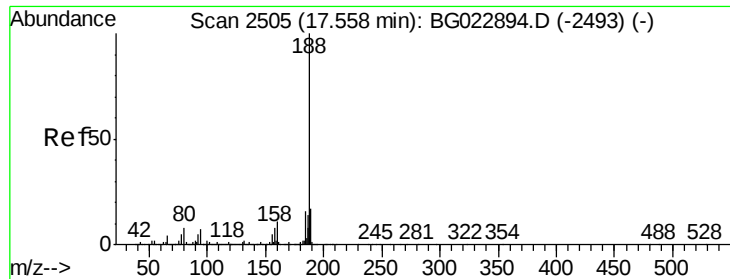
umangi
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#62
Azobenzene
Concen: 39.11 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	3.5	43.5
105	20.4	0.0	38.5
51	30.6	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: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

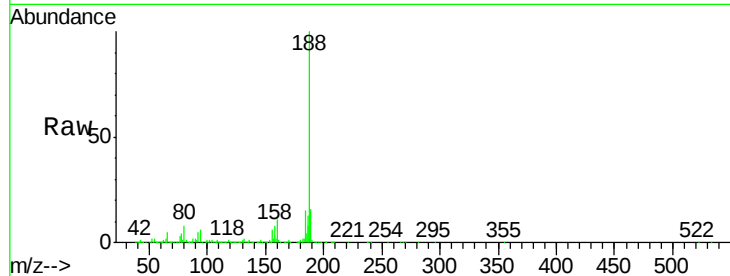
SSTDCCC040

Tot Ion:	188	Resp:	969500
Ion Ratio	Lower	Upper	
188	100		
94	6.3	5.2	7.8
80	8.4	7.2	10.8

Manual Integrations

umangi

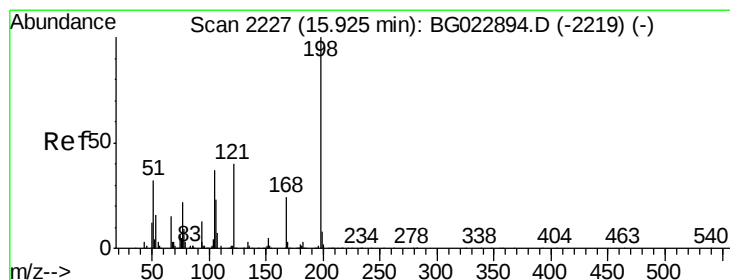
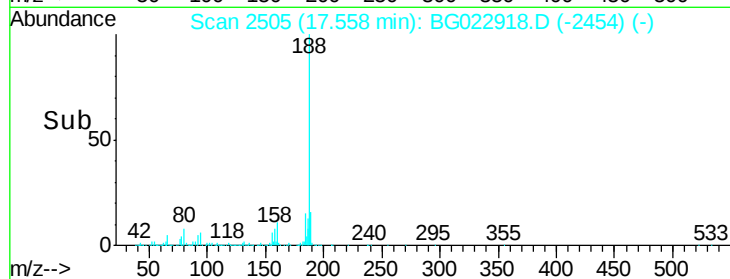
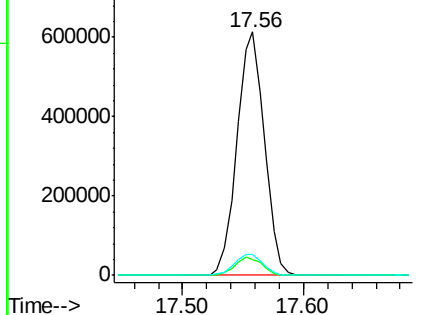
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 39.23 ng

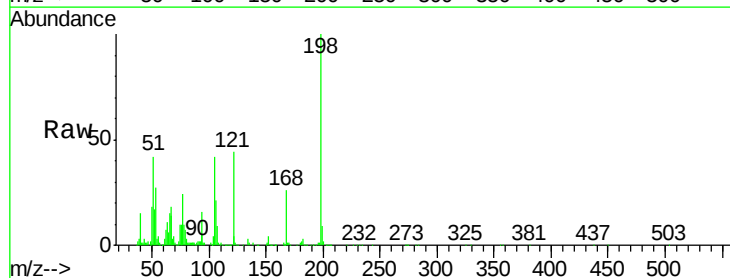
RT: 15.92 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

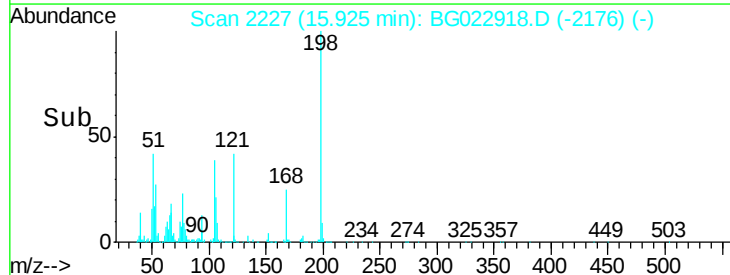
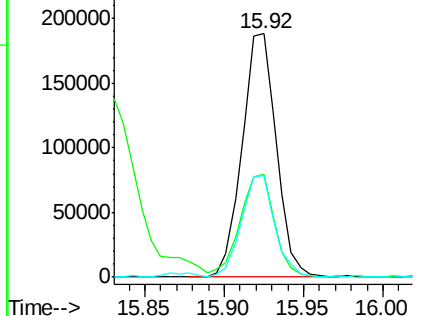
Tgt Ion:	198	Resp:	282690
Ion Ratio	Lower	Upper	
198	100		
51	42.5	26.0	66.0
105	41.5	20.1	60.1

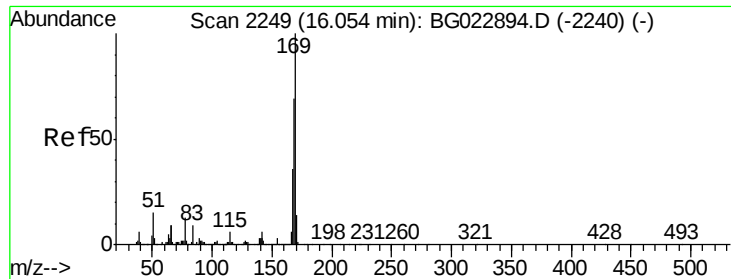


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





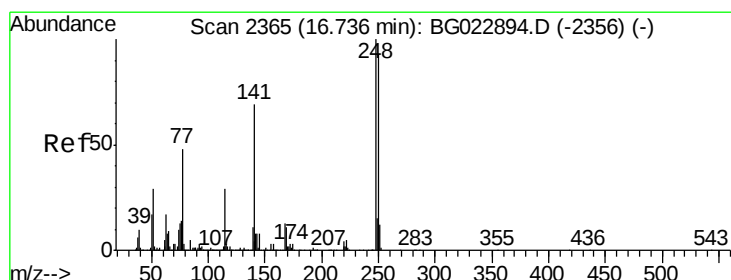
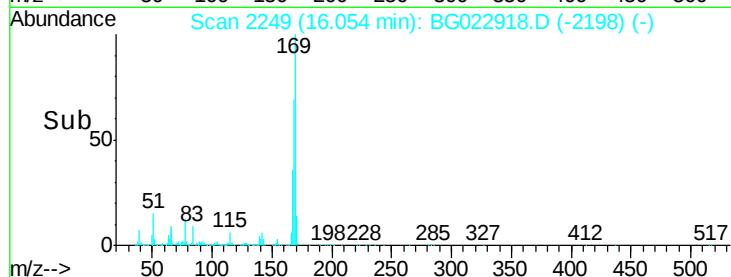
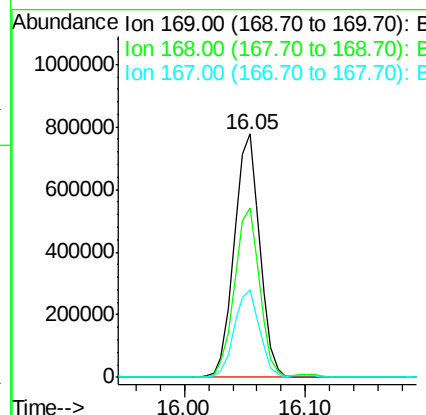
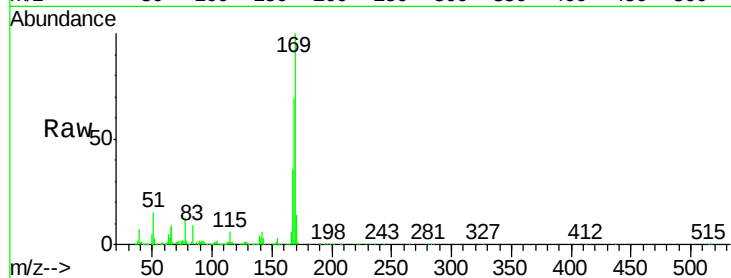
#65
 n-Nitrosodiphenylamine
 Concen: 40.78 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.0	82.4
167	35.8	27.4	41.0

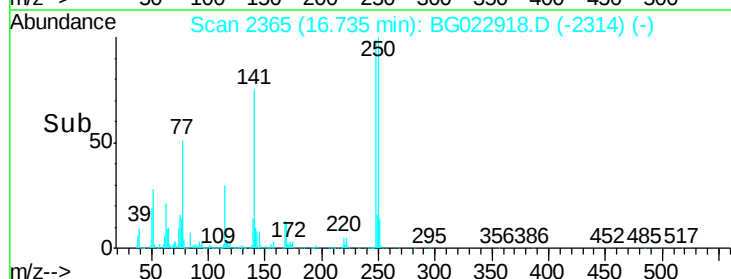
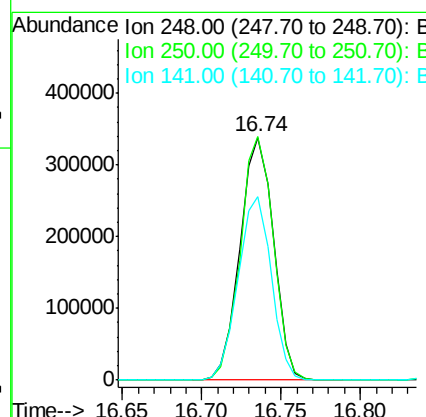
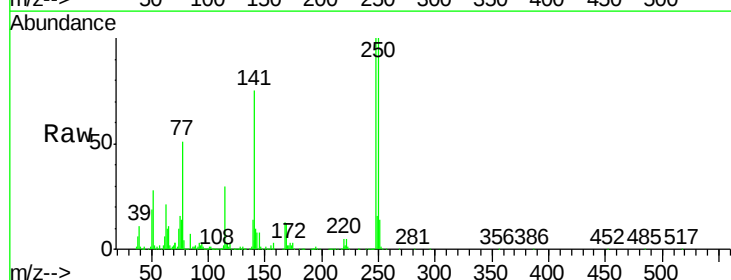
Manual Integrations

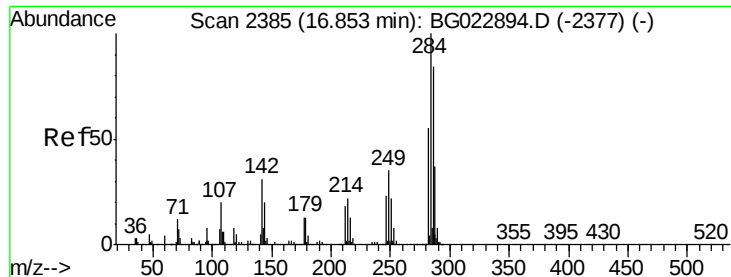
umangi
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#66
 4-Bromophenyl-phenylether
 Concen: 39.20 ng
 RT: 16.74 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	77.8	116.8
141	75.7	65.7	98.5





#67

Hexachlorobenzene

Concen: 40.41 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

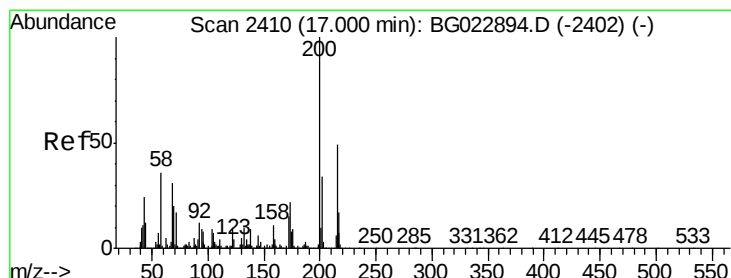
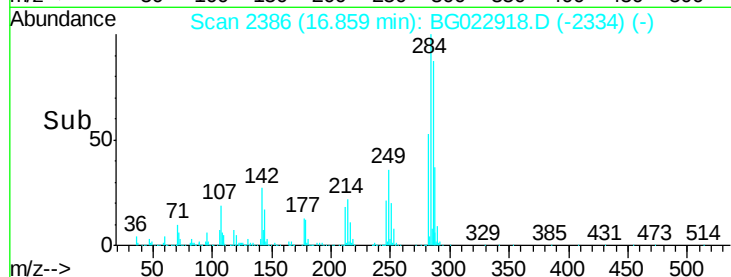
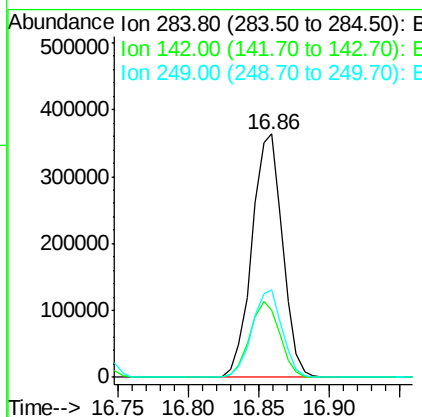
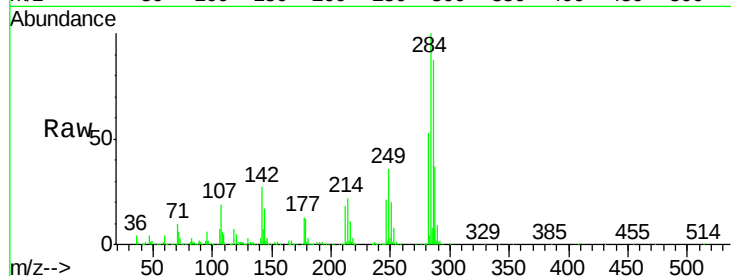
SSTDCCC040

Tot Ion:	284	Resp:	554218
Ion Ratio		Lower	Upper
284	100		
142	27.5	26.8	40.2
249	36.0	28.9	43.3

Manual Integrations

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#68

Atrazine

Concen: 39.38 ng

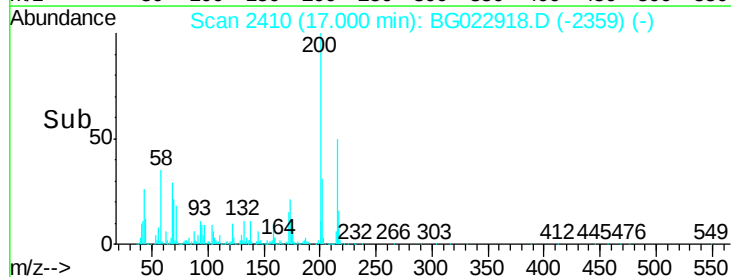
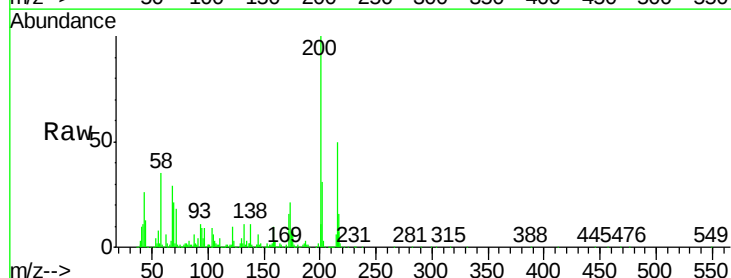
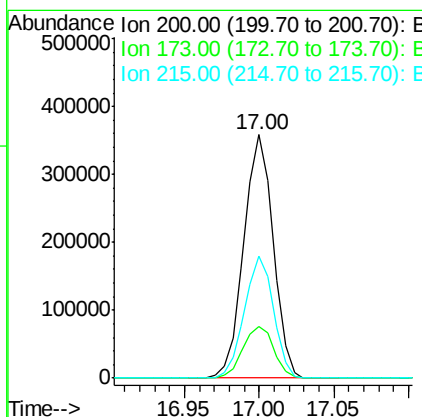
RT: 17.00 min Scan# 2410

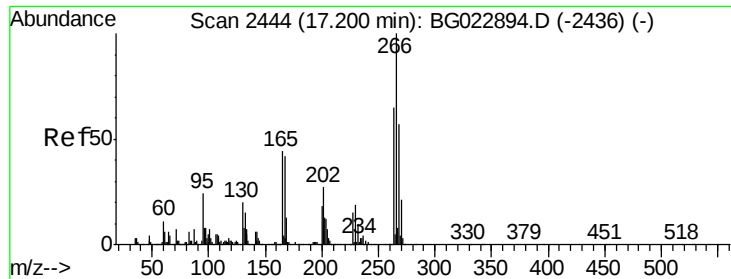
Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Tgt Ion:	200	Resp:	487960
Ion Ratio		Lower	Upper
200	100		
173	21.1	1.6	41.6
215	50.4	28.7	68.7





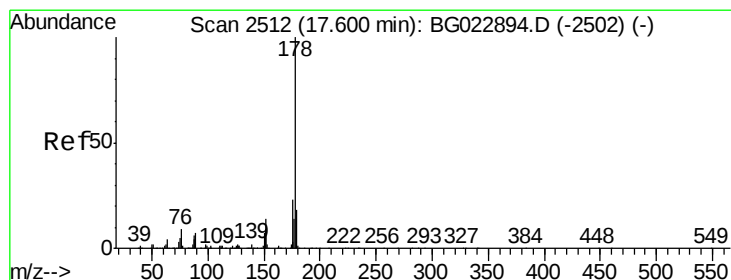
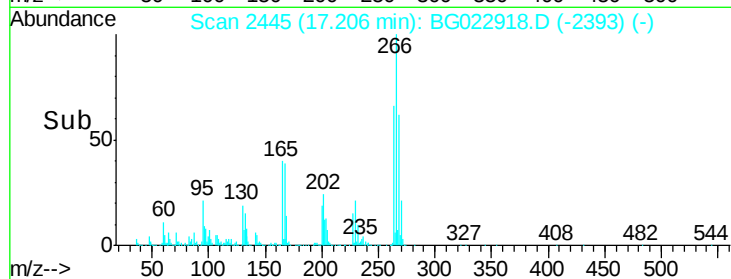
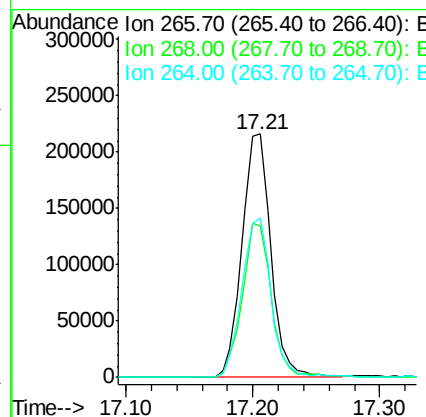
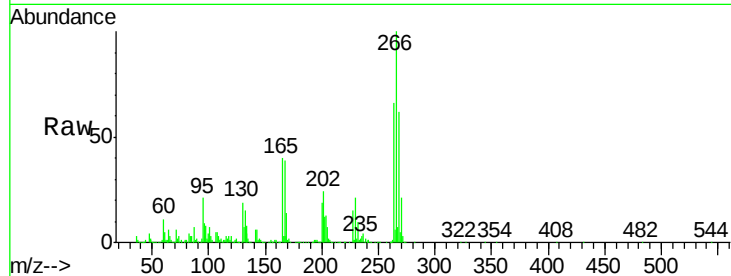
#69
 Pentachlorophenol
 Concen: 38.43 ng
 RT: 17.21 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.4	51.9	77.9
264	65.6	50.6	75.8

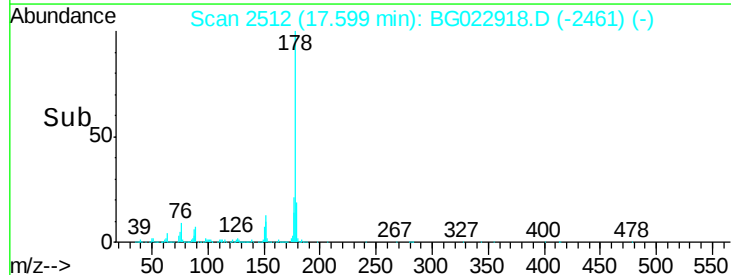
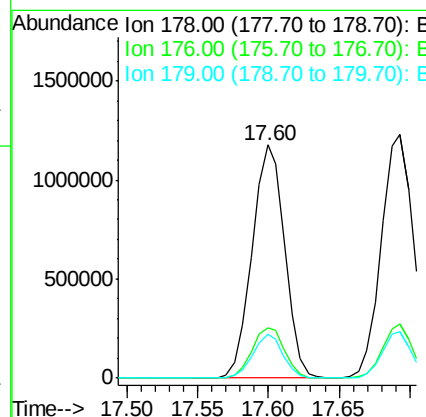
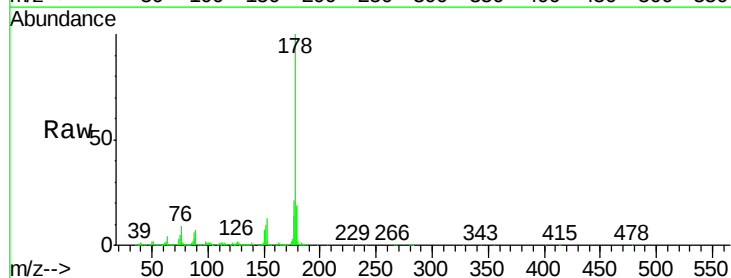
Manual Integrations

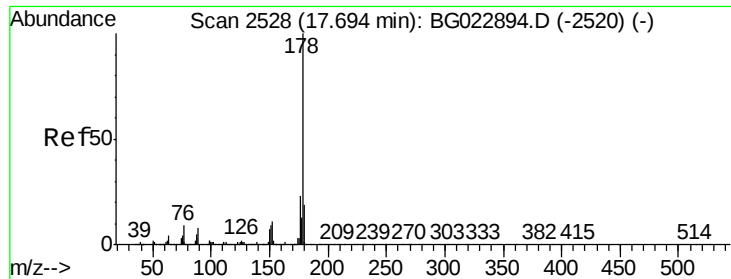
umangi
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#70
 Phenanthrene
 Concen: 40.02 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.8	25.2
179	18.7	14.3	21.5





#71

Anthracene

Concen: 40.22 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1935237

Ion	Ratio	Lower	Upper
178	100		
176	22.5	17.3	25.9
179	18.8	14.0	21.0

178 100

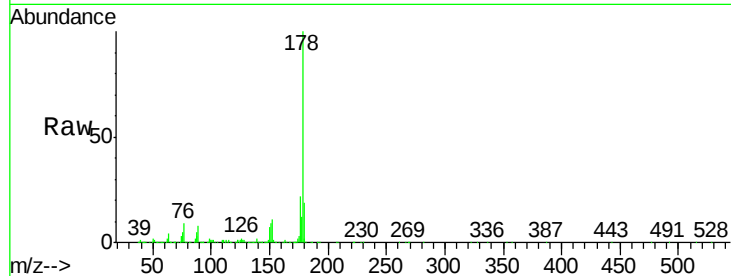
176 22.5 17.3 25.9

179 18.8 14.0 21.0

Manual Integrations

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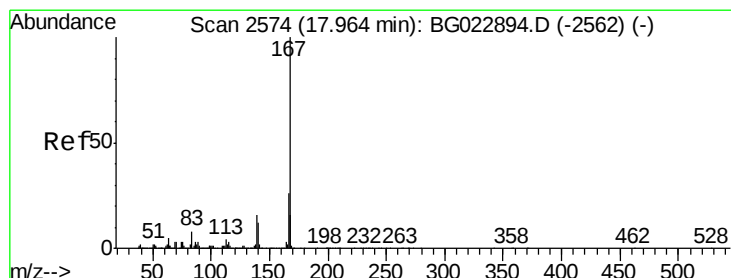
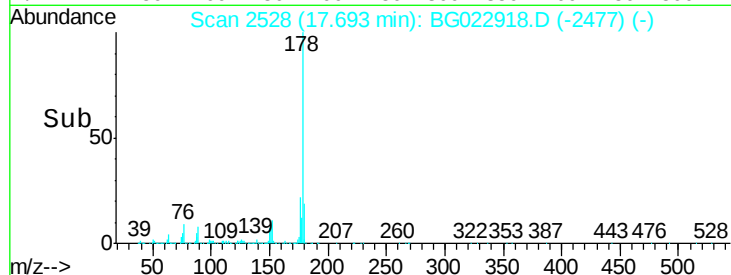
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.69

Time--> 17.60 17.70 17.80



#72

Carbazole

Concen: 39.86 ng

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

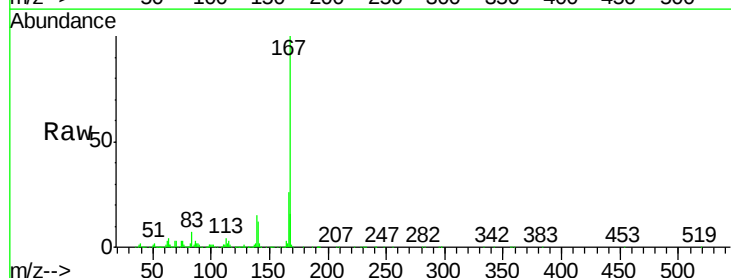
Tgt Ion:167 Resp: 1656852

Ion	Ratio	Lower	Upper
167	100		
166	26.1	20.7	31.1
139	14.9	11.9	17.9

167 100

166 26.1 20.7 31.1

139 14.9 11.9 17.9



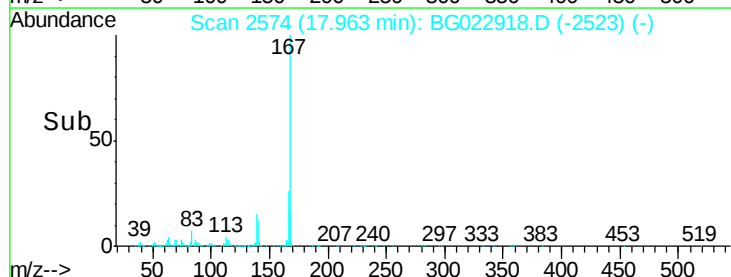
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.96

Time--> 17.90 17.95 18.00





#73

Di-n-butylphthalate

Concen: 41.38 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1912944

Ion Ratio Lower Upper

149 100

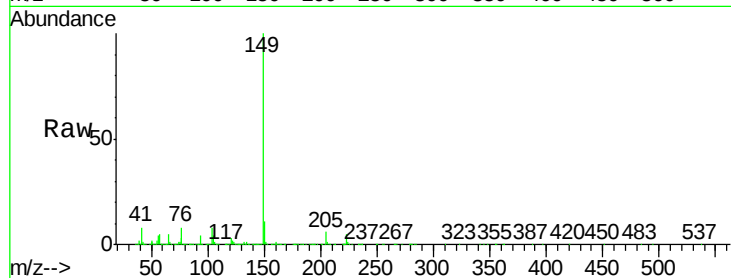
150 11.0 9.1 13.7

104 7.8 6.9 10.3

Manual Integrations

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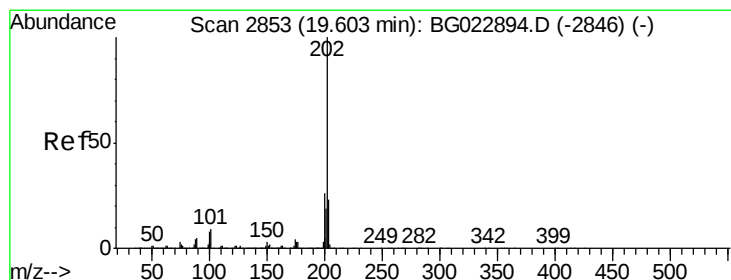
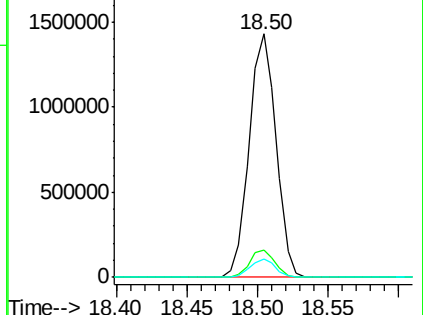
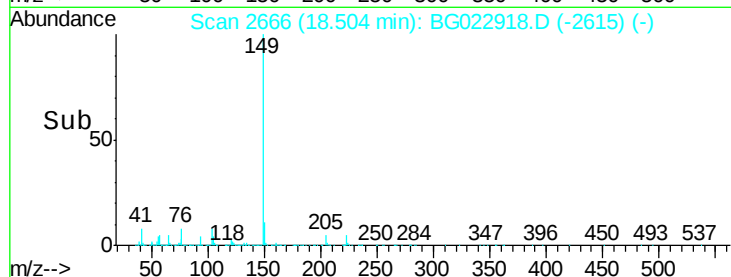
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.26 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

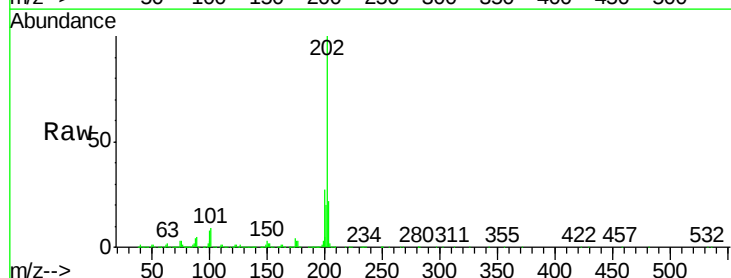
Tgt Ion:202 Resp: 2230864

Ion Ratio Lower Upper

202 100

101 9.0 0.0 27.4

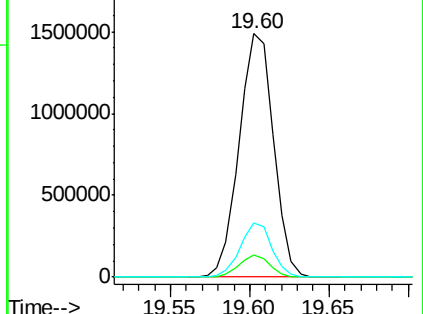
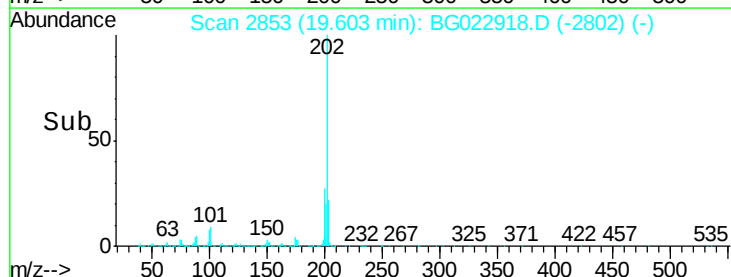
203 22.3 1.7 41.7

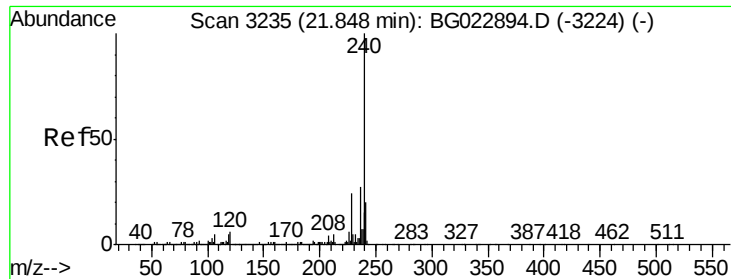


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





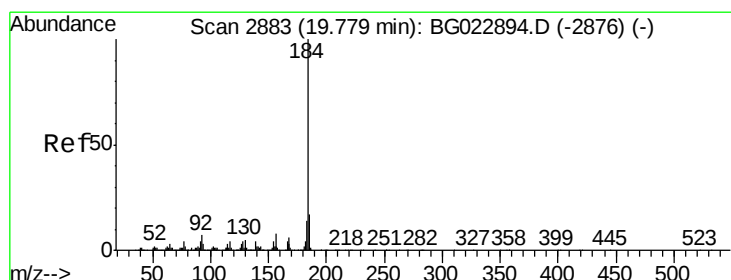
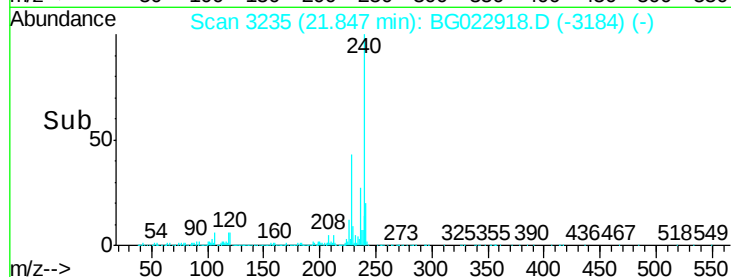
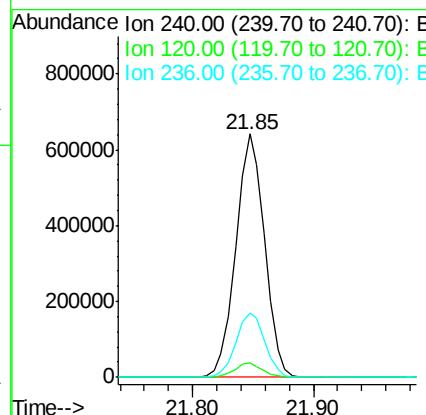
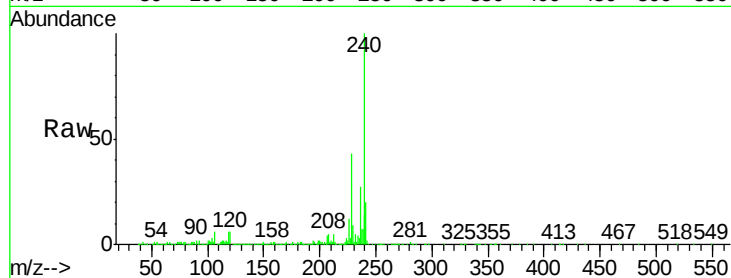
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:240 Resp: 1059472
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 26.6 21.1 31.7

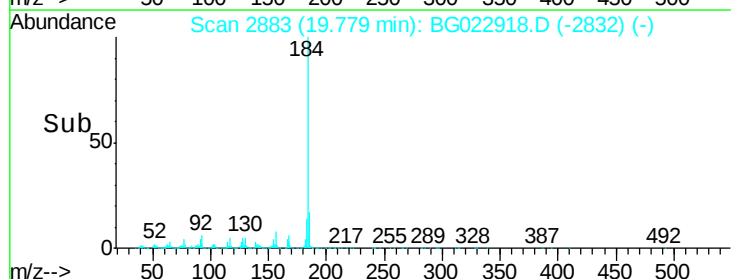
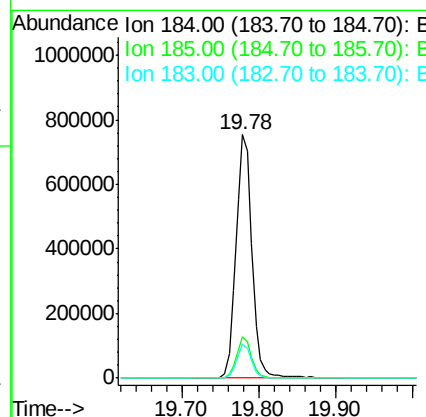
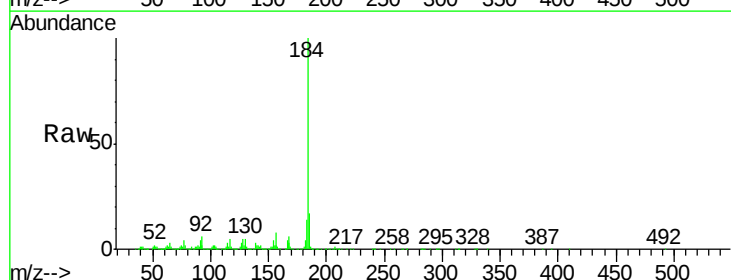
Manual Integrations

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#76
Benzidine
Concen: 36.20 ng
RT: 19.78 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion:184 Resp: 1099540
Ion Ratio Lower Upper
184 100
185 16.8 12.6 19.0
183 13.9 10.7 16.1





#77

Pvrene

Concen: 38.40 ng

RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2286446

Ion	Ratio	Lower	Upper
202	100		
200	26.7	21.2	31.8
203	22.4	16.8	25.2

202 100

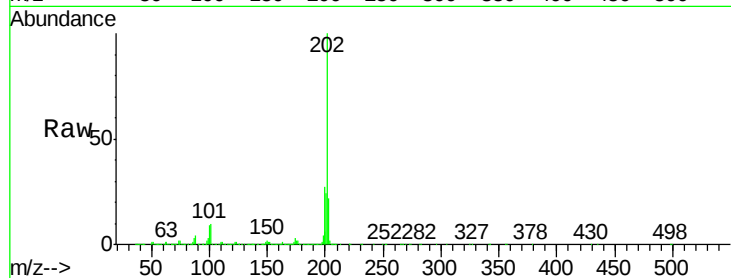
200 26.7 21.2 31.8

203 22.4 16.8 25.2

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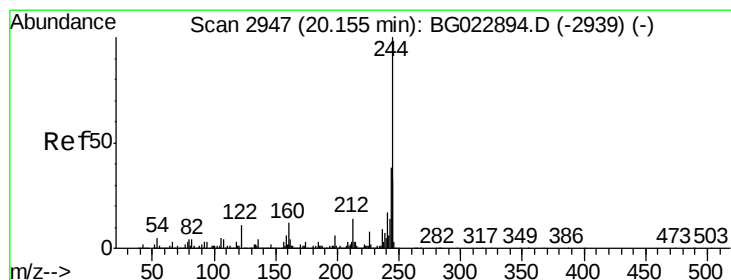
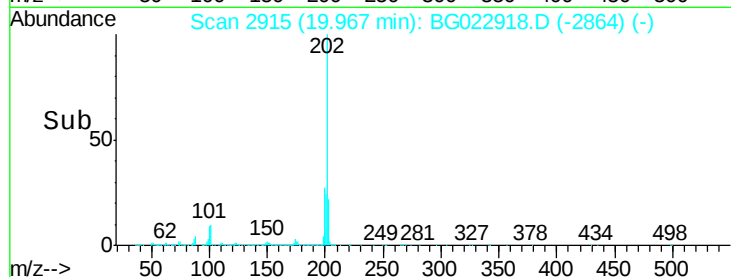
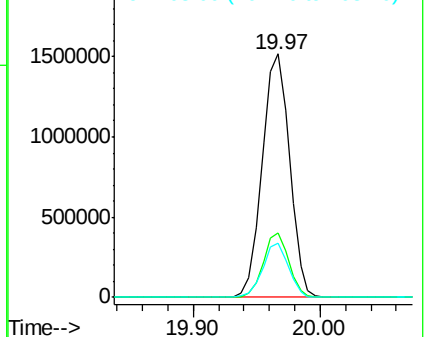


Abundance

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: 84.06 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

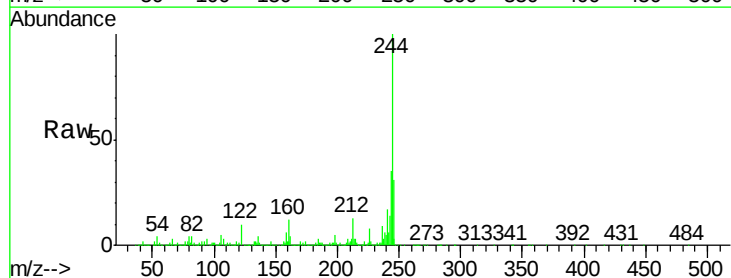
Tgt Ion:244 Resp: 2819727

Ion	Ratio	Lower	Upper
244	100		
212	13.0	10.8	16.2
122	10.5	8.0	12.0

244 100

212 13.0 10.8 16.2

122 10.5 8.0 12.0

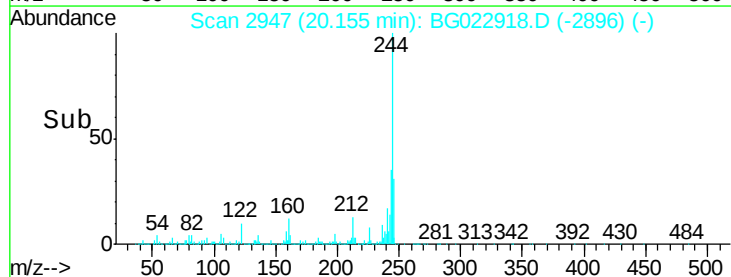
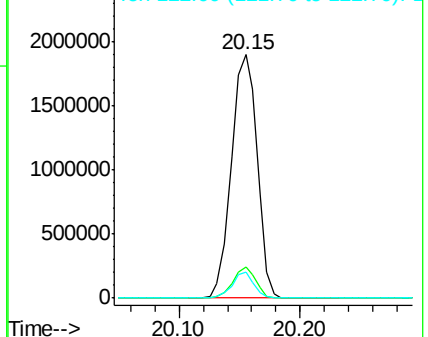


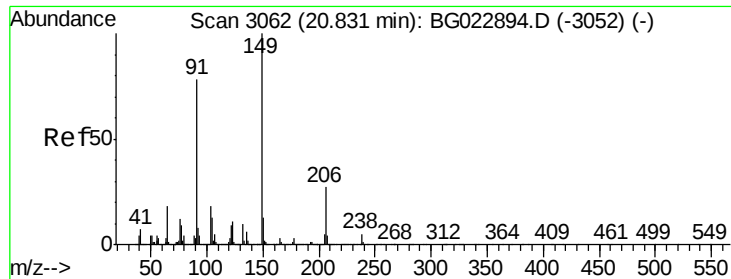
Abundance

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





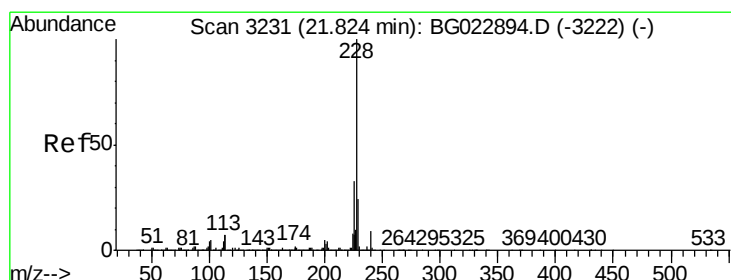
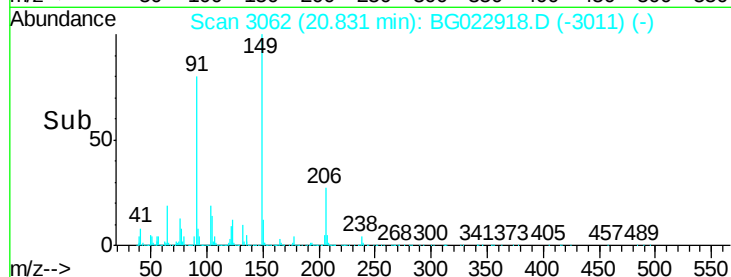
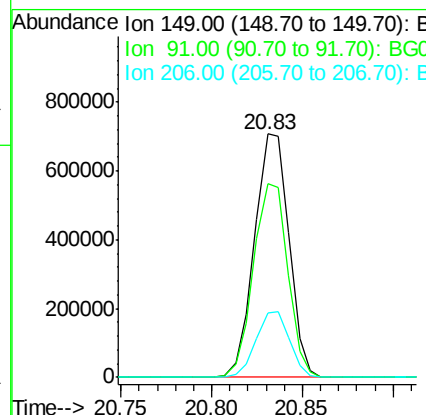
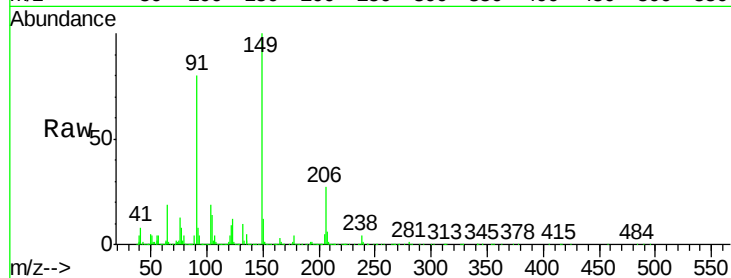
#79
Butylbenzylphthalate
Concen: 39.70 ng
RT: 20.83 min Scan# 3062
Delta R.T. -0.00 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	79.8	68.1	102.1	
206	26.7	19.8	29.6	

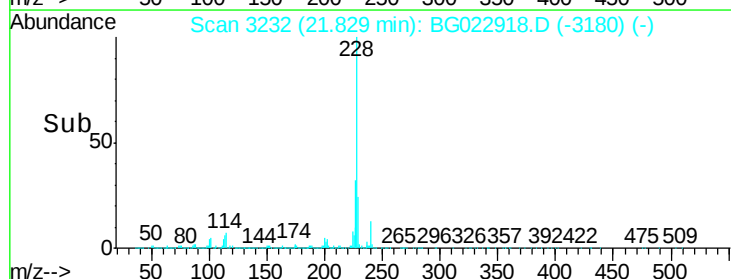
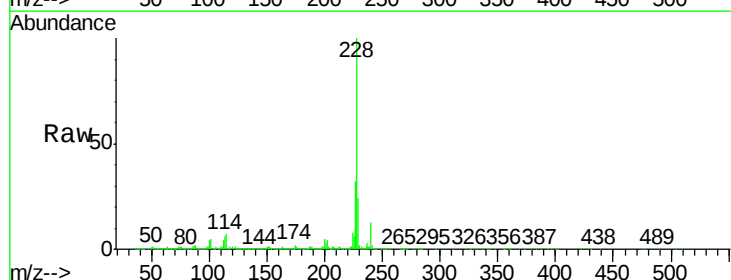
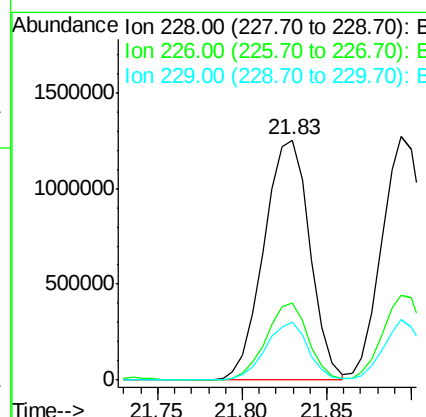
Manual Integrations

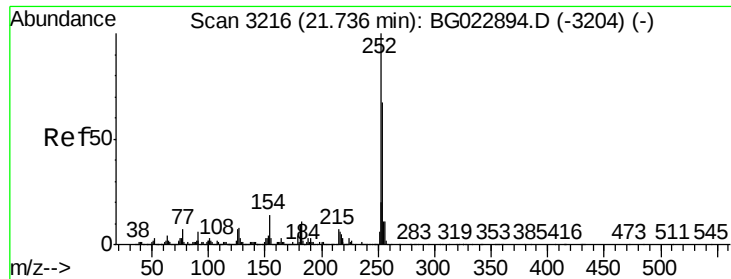
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#80
Benzo(a)anthracene
Concen: 39.95 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	32.3	25.3	37.9	
229	24.0	19.9	29.9	





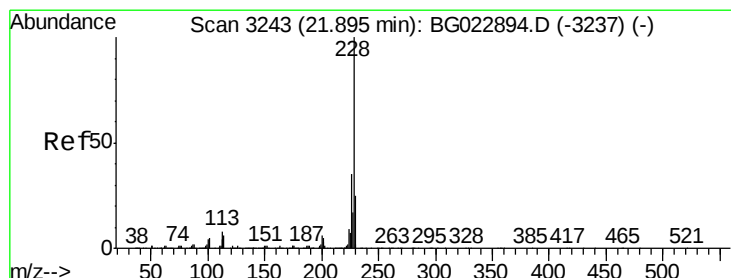
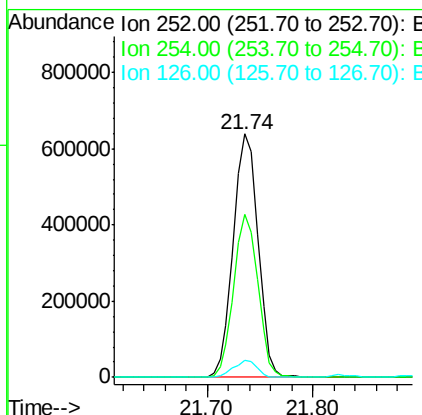
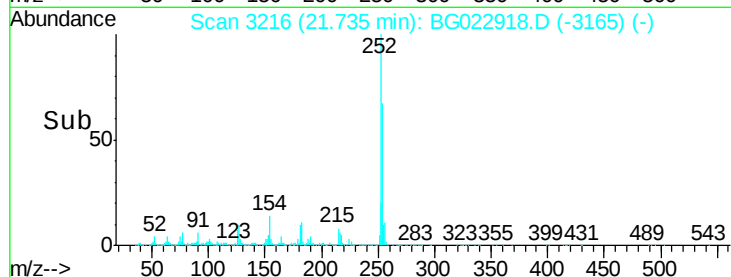
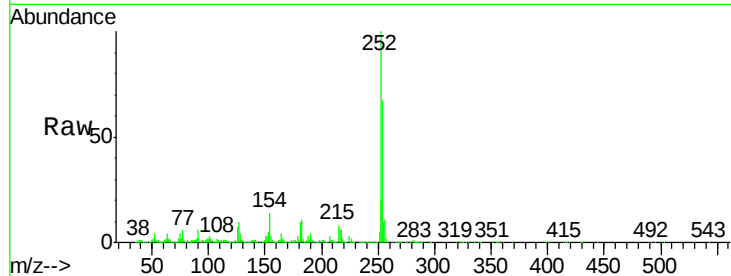
#81
 3,3'-Dichlorobenzidine
 Concen: 39.77 ng
 RT: 21.74 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 1034863
 Ion Ratio Lower Upper
 252 100
 254 67.1 51.2 76.8
 126 7.1 5.3 7.9

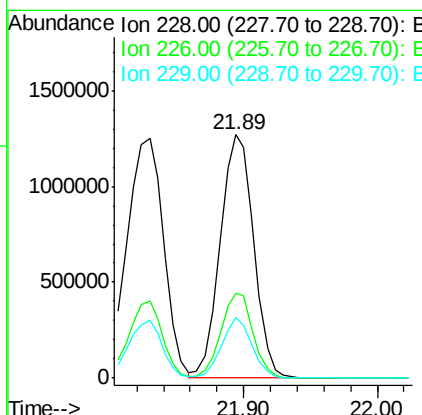
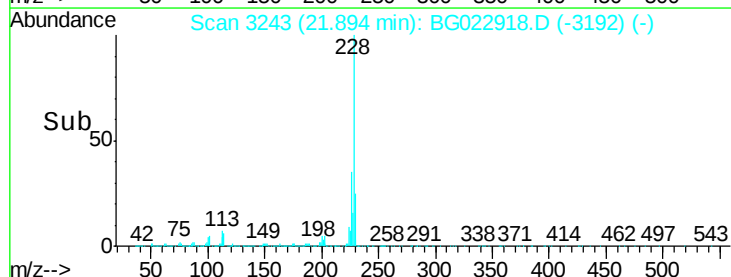
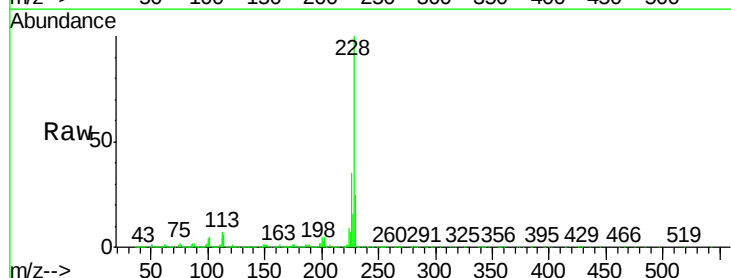
Manual Integrations

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#82
 Chrysene
 Concen: 39.96 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Tgt Ion:228 Resp: 2222181
 Ion Ratio Lower Upper
 228 100
 226 35.1 26.7 40.1
 229 24.7 17.4 26.2





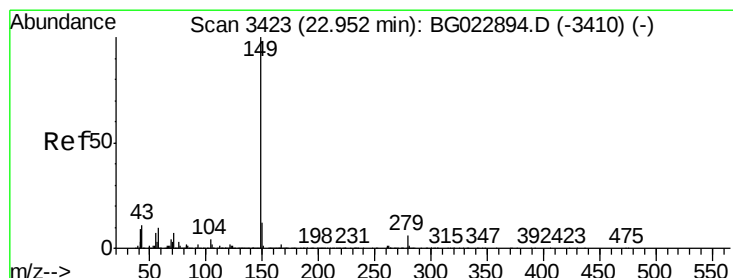
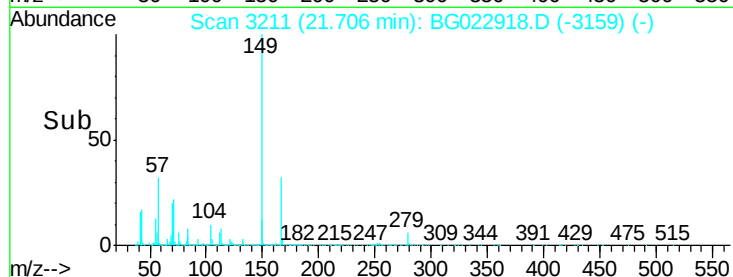
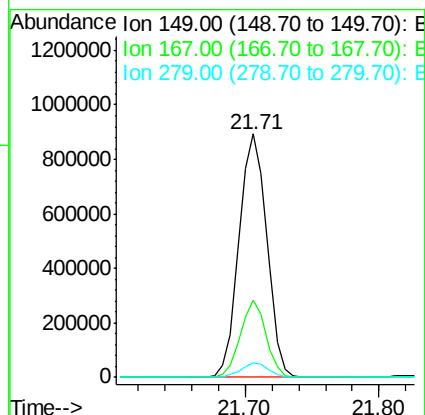
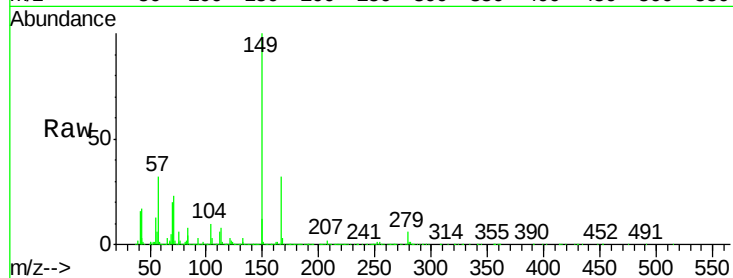
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.40 ng
 RT: 21.71 min Scan# 3211
 Delta R.T. 0.01 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1290036
 Ion Ratio Lower Upper
 149 100
 167 31.6 24.0 36.0
 279 6.2 4.8 7.2

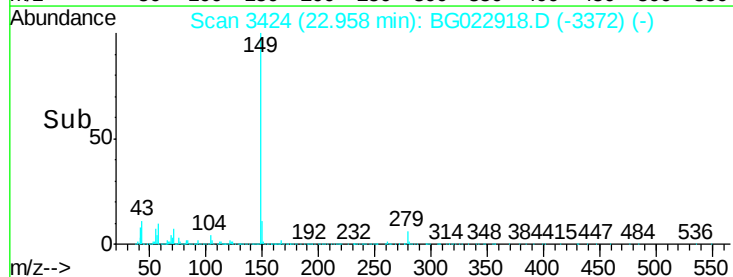
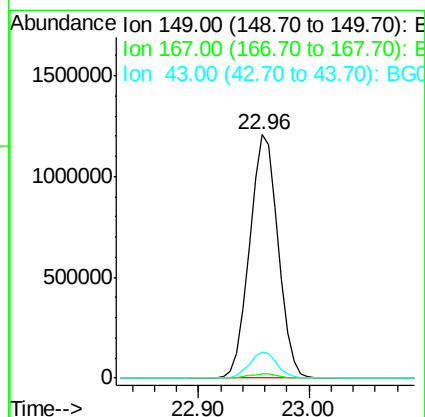
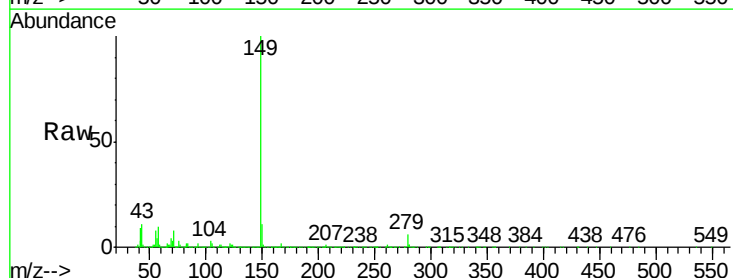
Manual Integrations

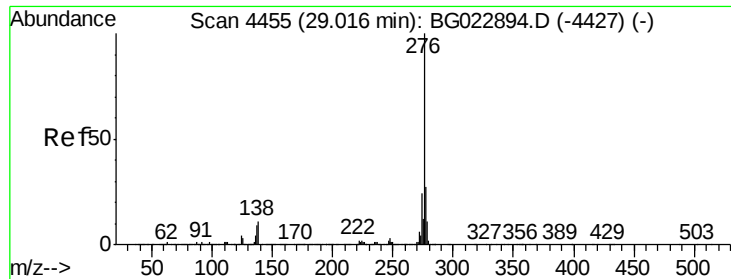
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#84
 Di-n-octyl phthalate
 Concen: 39.98 ng
 RT: 22.96 min Scan# 3424
 Delta R.T. 0.01 min
 Lab File: BG022918.D
 Acq: 8 Jul 2016 6:03

Tgt Ion:149 Resp: 2183214
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.2 8.8 13.2





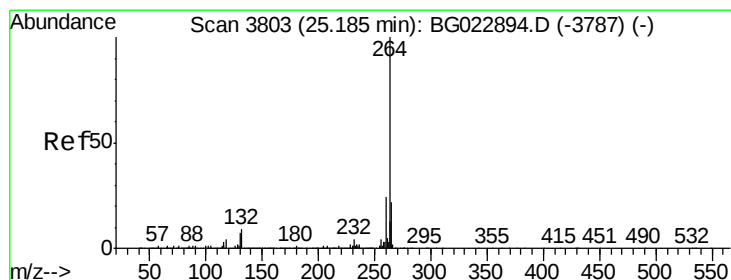
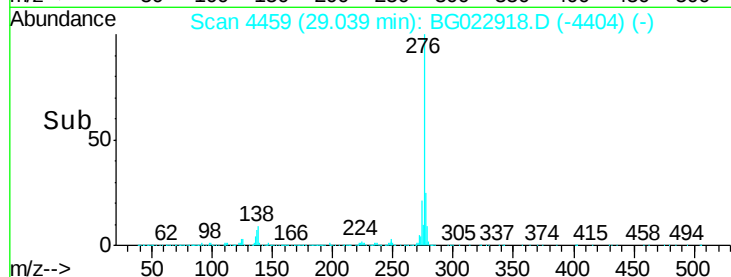
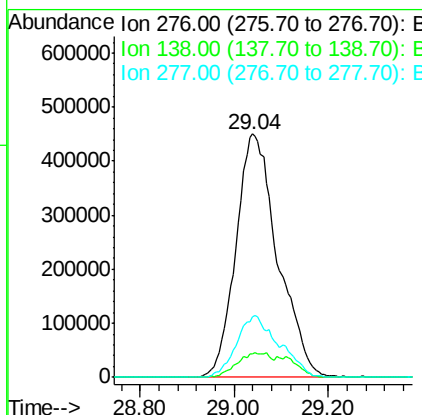
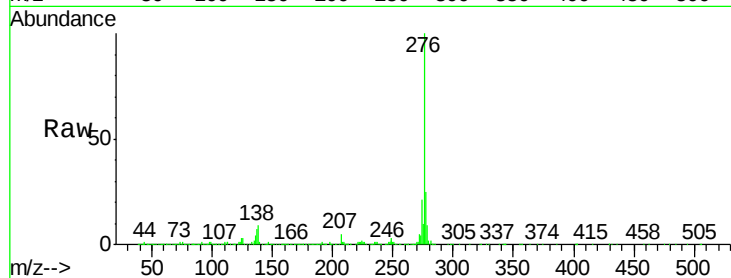
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.11 ng
RT: 29.04 min Scan# 4459
Delta R.T. 0.02 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 2772719
Ion Ratio Lower Upper
276 100
138 5.2 0.0 0.0#
277 26.0 0.0 0.0#

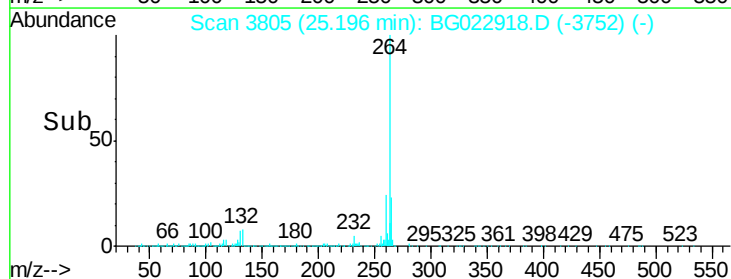
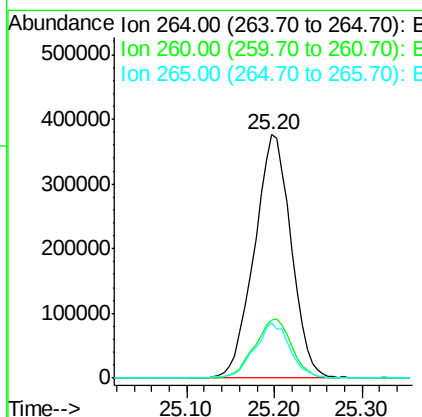
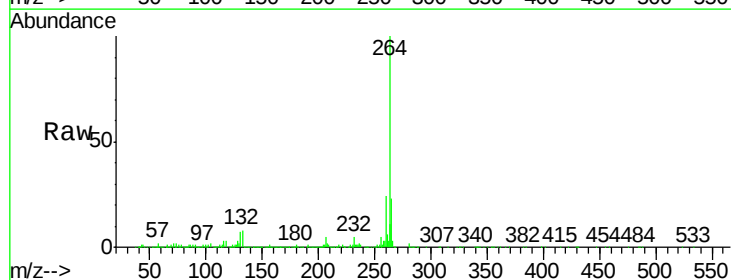
Manual Integrations

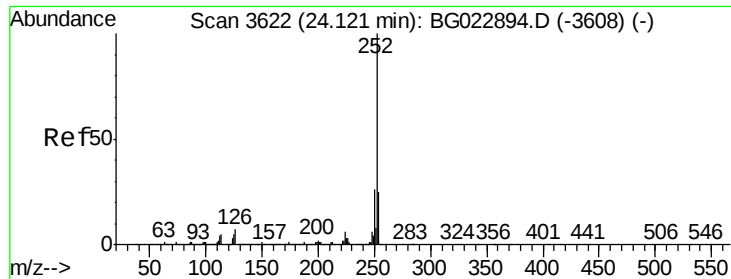
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3805
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion:264 Resp: 1086532
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.8 18.9 28.3





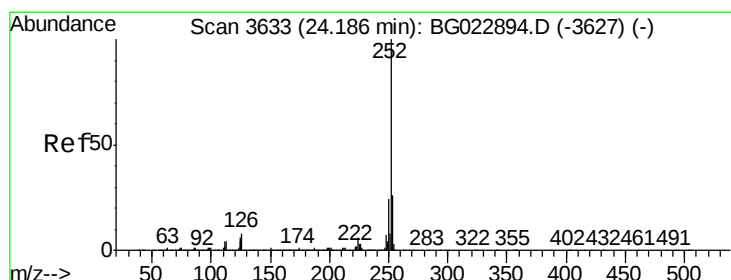
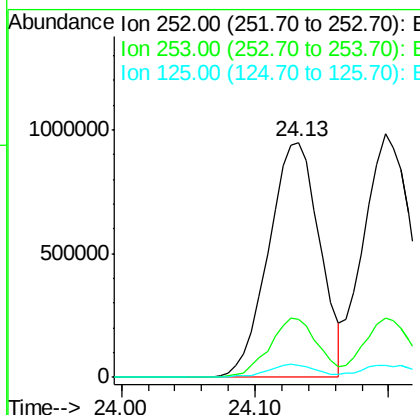
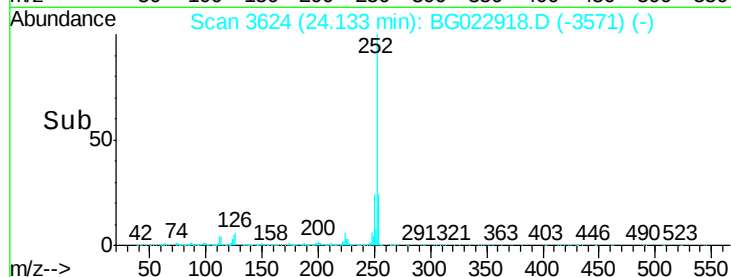
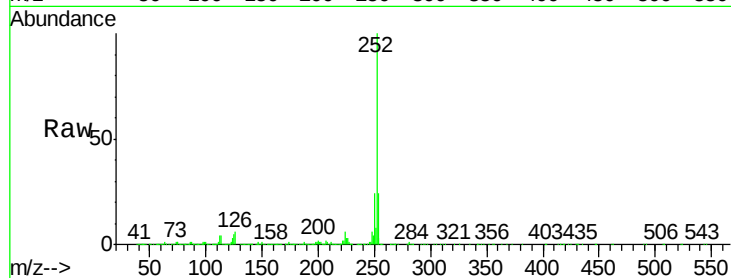
#87
Benzo(b)fluoranthene
Concen: 40.23 ng
RT: 24.13 min Scan# 3624
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 2522138
Ion Ratio Lower Upper
252 100
253 24.4 18.9 28.3
125 5.3 3.9 5.9

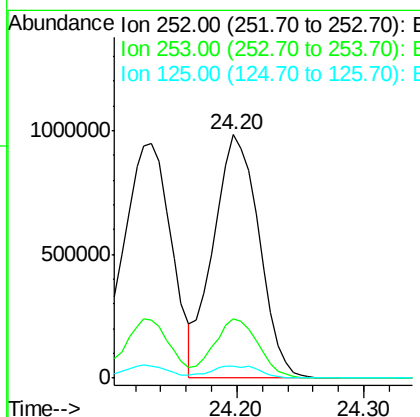
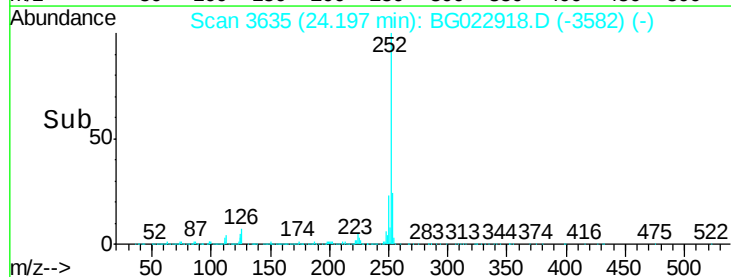
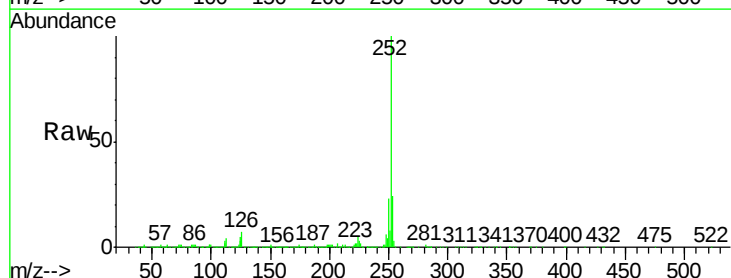
Manual Integrations

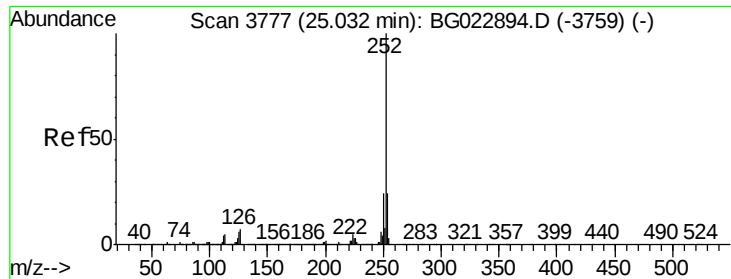
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#88
Benzo(k)fluoranthene
Concen: 41.23 ng
RT: 24.20 min Scan# 3635
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion:252 Resp: 2453000
Ion Ratio Lower Upper
252 100
253 24.2 18.8 28.2
125 5.1 3.2 4.8#





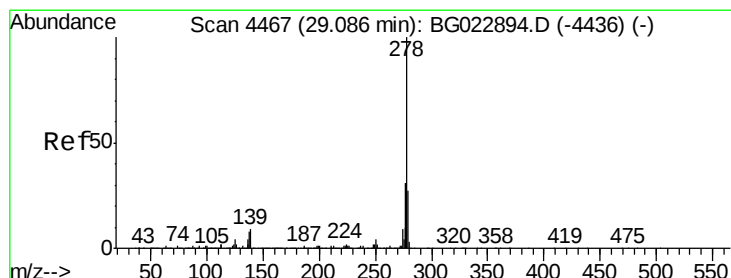
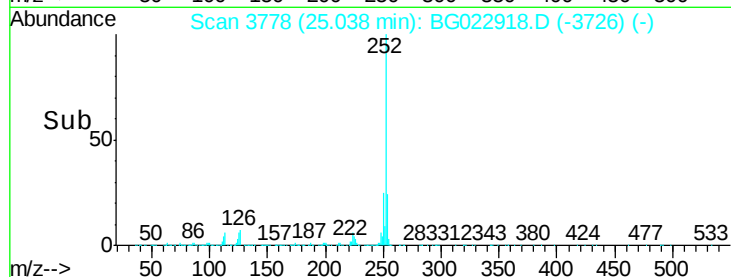
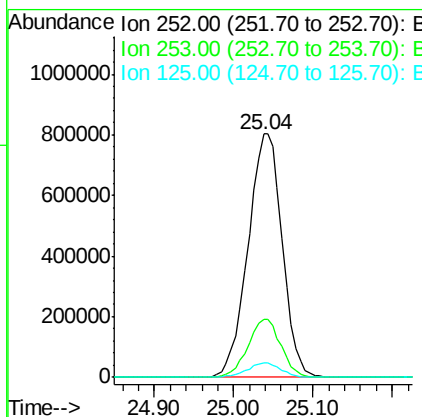
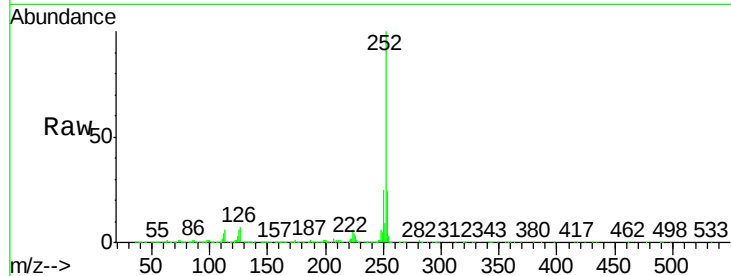
#89
Benzo(a)pyrene
Concen: 39.95 ng
RT: 25.04 min Scan# 3778
Delta R.T. 0.01 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	24.0	18.7	28.1	
125	5.8	3.9	5.9	

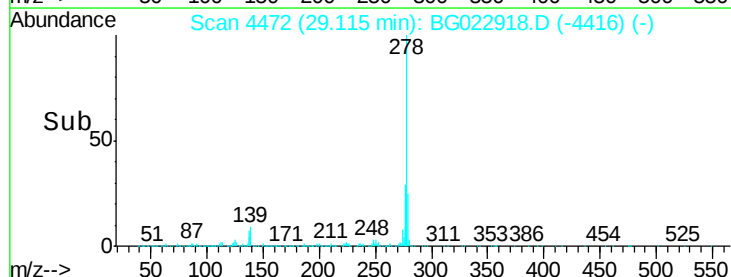
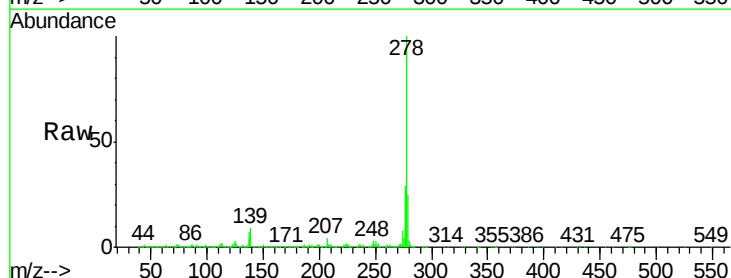
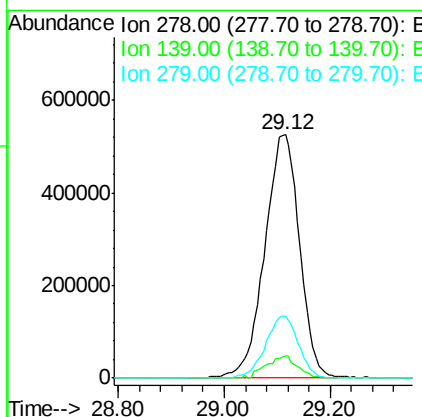
Manual Integrations

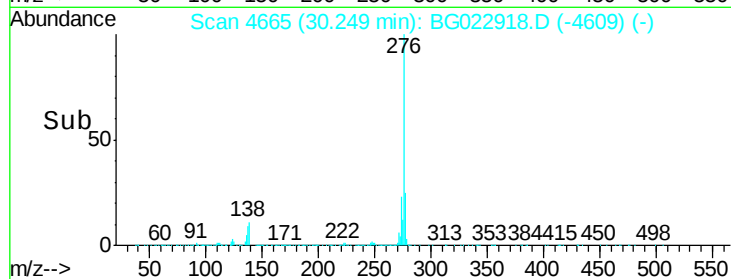
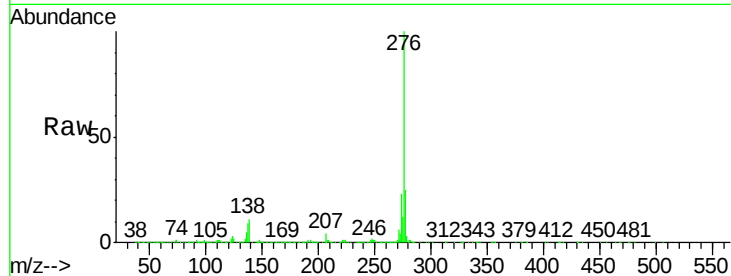
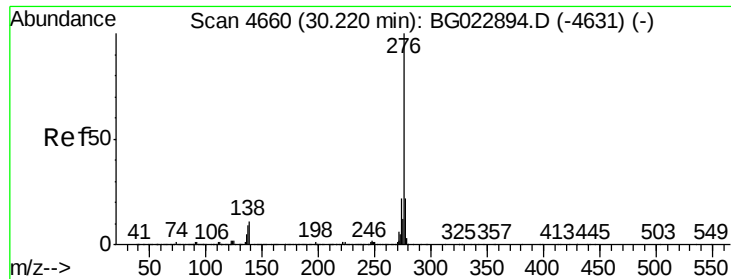
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#90
Dibenzo(a,h)anthracene
Concen: 40.22 ng
RT: 29.12 min Scan# 4472
Delta R.T. 0.03 min
Lab File: BG022918.D
Acq: 8 Jul 2016 6:03

Tgt Ion	Ion	Ratio	Lower	Upper
278	100			
139	9.0	4.7	7.1#	
279	25.3	18.3	27.5	





#91

Benzo(a,h,i)perylene

Concen: 40.52 ng

RT: 30.25 min Scan# 4665

Delta R.T. 0.03 min

Lab File: BG022918.D

Acq: 8 Jul 2016 6:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 2420116

Ion Ratio Lower Upper

276 100

277 24.7 18.6 27.8

138 10.7 6.8 10.2#

Manual Integrations

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