

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022922.D
 Acq On : 8 Jul 2016 8:45
 Operator : UM/SJ
 Sample : H3900-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2MSD

Manual Integrations

sohil
 7/8/2016 7:24:25 PM

Quant Time: Jul 08 17:41:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	103663	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	500820	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	397210	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	948891	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1029274	20.00	ng	0.00
86) Perylene-d12	25.19	264	1070674	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	1017185	160.48	ng	0.00
7) Phenol-d6	7.31	99	1531268	154.25	ng	0.00
23) Nitrobenzene-d5	9.33	82	1110986	94.99	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	835369	117.02	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2061935	81.77	ng	0.00
78) Terphenyl-d14	20.15	244	2850978	89.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	80977	32.87	ng	94
3) Pyridine	3.97	79	208463	24.73	ng	93
4) n-Nitrosodimethylamine	3.88	42	116460	32.20	ng	# 98
6) Aniline	7.47	93	434969	31.62	ng	98
8) 2-Chlorophenol	7.72	128	258042	38.26	ng	94
9) Benzaldehyde	7.28	77	218040	32.87	ng	95
10) Phenol	7.34	94	399173	39.08	ng	89
11) bis(2-Chloroethyl)ether	7.57	93	270120	33.37	ng	95
12) 1,3-Dichlorobenzene	8.04	146	251033	30.40	ng	94
13) 1,4-Dichlorobenzene	8.19	146	265262	32.09	ng	93
14) 1,2-Dichlorobenzene	8.51	146	256835	31.25	ng	93
15) Benzyl Alcohol	8.39	79	363650	40.00	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	319476	32.31	ng	96
17) 2-Methylphenol	8.60	107	259061	38.96	ng	96
18) Hexachloroethane	9.25	117	105123	30.13	ng	93
19) n-Nitroso-di-n-propylamine	8.96	70	295487	33.02	ng	94
20) 3+4-Methylphenols	8.92	107	364036	39.26	ng	91
22) Acetophenone	8.98	105	470919	31.33	ng	# 95
24) Nitrobenzene	9.37	77	414031	33.31	ng	95
25) Isophorone	9.89	82	784456	33.35	ng	# 95
26) 2-Nitrophenol	10.09	139	168656	34.58	ng	88
27) 2,4-Dimethylphenol	10.13	122	291144	34.54	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	427772	32.61	ng	99
29) 2,4-Dichlorophenol	10.63	162	322820	35.91	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	324615	31.51	ng	97
31) Naphthalene	11.03	128	818141	32.09	ng	99
32) Benzoic acid	10.23	122	85277	11.12	ng	96
33) 4-Chloroaniline	11.14	127	322473	25.87	ng	97
34) Hexachlorobutadiene	11.31	225	239648	28.69	ng	96
35) Caprolactam	11.91	113	112704m	30.47	ng	
36) 4-Chloro-3-methylphenol	12.26	107	405779	33.00	ng	92
37) 2-Methylnaphthalene	12.63	142	658996	32.70	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	440385	25.73	ng	99
40) Hexachlorocyclopentadiene	12.97	237	781074	79.26	ng	99

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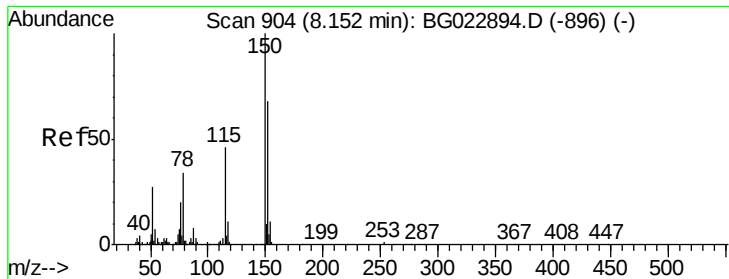
Manual Integrations

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 7/8/2016 7:24:25 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
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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	326472	33.18	nq	95
43) 2,4,5-Trichlorophenol	13.31	196	347948	34.44	nq	94
45) 1,1'-Biphenyl	13.63	154	942383	31.62	nq	97
46) 2-Chloronaphthalene	13.68	162	759712	31.42	nq	97
47) 2-Nitroaniline	13.88	65	326376	31.64	nq	92
48) Acenaphthylene	14.52	152	1163911	32.09	nq	99
49) Dimethylphthalate	14.24	163	1462825	45.08	nq	99
50) 2,6-Dinitrotoluene	14.37	165	242420	33.24	nq	# 80
51) Acenaphthene	14.86	154	751579	31.71	nq	98
52) 3-Nitroaniline	14.71	138	194197	26.71	nq	93
53) 2,4-Dinitrophenol	14.91	184	384194	76.79	nq	93
54) Dibenzofuran	15.19	168	1220618	34.41	nq	97
55) 4-Nitrophenol	15.02	139	503125	82.55	nq	96
56) 2,4-Dinitrotoluene	15.16	165	349239	32.85	nq	93
57) Fluorene	15.85	166	999052	32.72	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	357247m	35.34	nq	
59) Diethylphthalate	15.60	149	1097598	33.25	nq	98
60) 4-Chlorophenyl-phenylether	15.83	204	577882	31.08	nq	96
61) 4-Nitroaniline	15.87	138	228450	29.04	nq	90
62) Azobenzene	16.13	77	1135089	35.95	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	231046	32.76	nq	93
65) n-Nitrosodiphenylamine	16.05	169	935203	34.21	nq	98
66) 4-Bromophenyl-phenylether	16.73	248	400399	32.43	nq	95
67) Hexachlorobenzene	16.85	284	421467	31.40	nq	98
68) Atrazine	17.00	200	389144	32.09	nq	96
69) Pentachlorophenol	17.20	266	731471	84.15	nq	100
70) Phenanthrene	17.60	178	1592631	34.25	nq	99
71) Anthracene	17.69	178	1615414	34.31	nq	98
72) Carbazole	17.96	167	1416540	34.82	nq	99
73) Di-n-butylphthalate	18.50	149	1607137	35.52	nq	97
74) Fluoranthene	19.60	202	1840375	32.25	nq	98
76) Benzidine	19.78	184	1672621	56.68	nq	97
77) Pyrene	19.96	202	1850037	31.99	nq	97
79) Butylbenzylphthalate	20.83	149	775420	33.85	nq	95
80) Benzo(a)anthracene	21.83	228	1926325	33.45	nq	96
81) 3,3'-Dichlorobenzidine	21.73	252	602461	23.83	nq	99
82) Chrysene	21.89	228	1827012	33.82	nq	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1052373	33.08	nq	97
84) Di-n-octyl phthalate	22.95	149	1767659	33.32	nq	97
85) Indeno(1,2,3-cd)pyrene	29.03	276	2289416	33.24	nq	# 100
87) Benzo(b)fluoranthene	24.12	252	2042617	33.07	nq	99
88) Benzo(k)fluoranthene	24.19	252	1942568	33.14	nq	# 99
89) Benzo(a)pyrene	25.03	252	1955709	33.03	nq	98
90) Dibenzo(a,h)anthracene	29.11	278	1910893	32.51	nq	# 97
91) Benzo(g,h,i)perylene	30.23	276	1889413	32.10	nq	96

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



#1

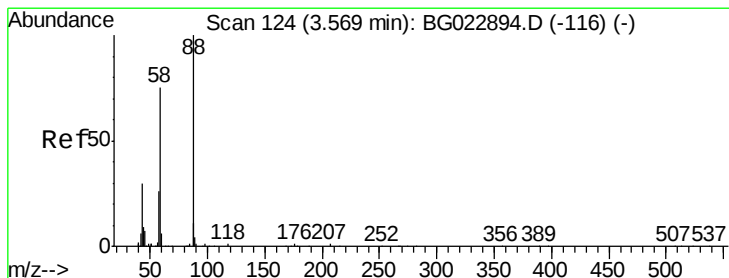
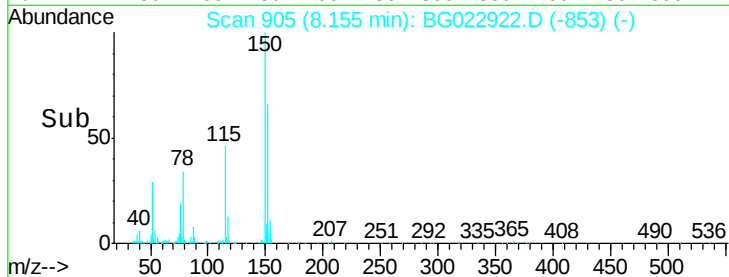
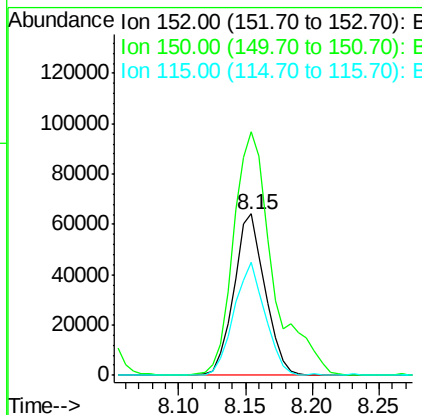
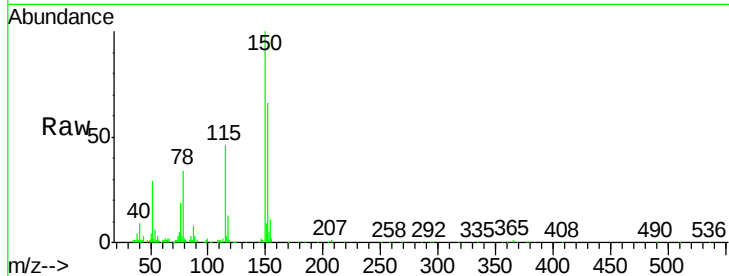
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	144.7	217.1
115	70.1	64.0	96.0

Manual Integrations

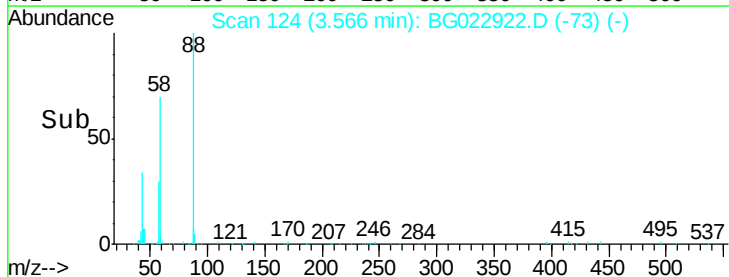
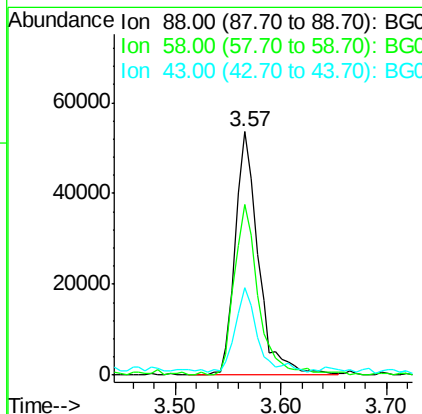
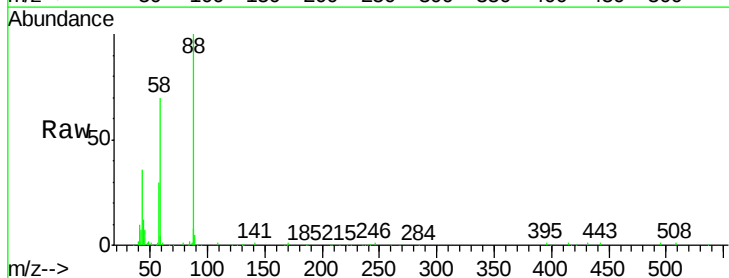
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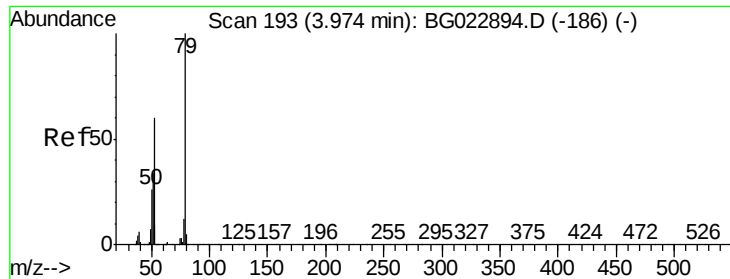


#2

1,4-Dioxane
Concen: 32.87 ng
RT: 3.57 min Scan# 124
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	60.4	90.6
43	33.6	31.1	46.7





#3

Pvridine

Concen: 24.73 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

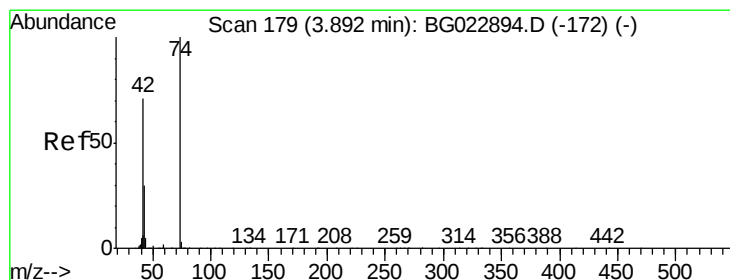
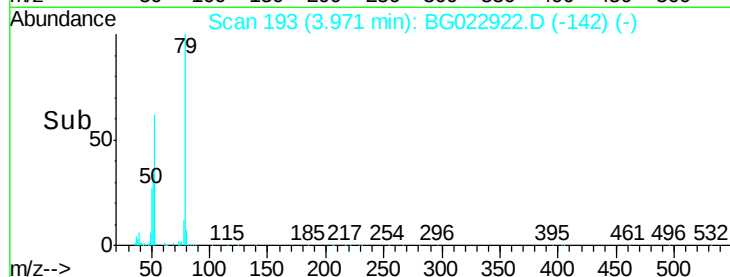
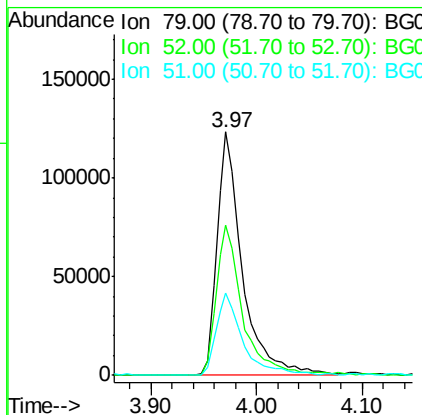
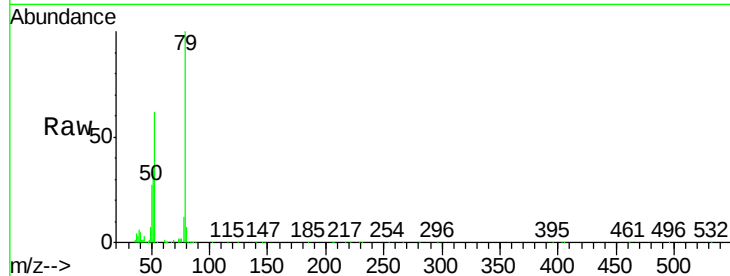
B-2MSD

Manual Integrations

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Tot Ion	79	Resp	208463
Ion	Ratio	Lower	Upper
79	100		
52	61.8	51.8	77.8
51	33.7	32.7	49.1



#4

n-Nitrosodimethylamine

Concen: 32.20 ng

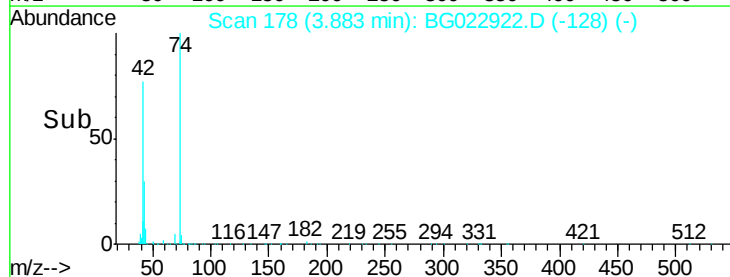
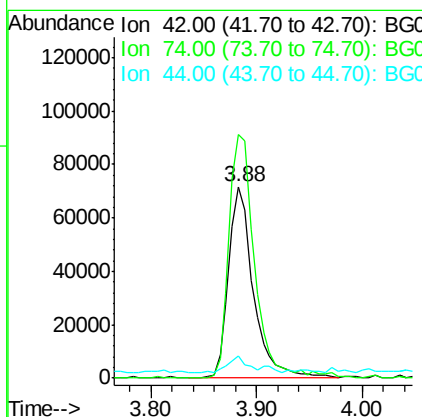
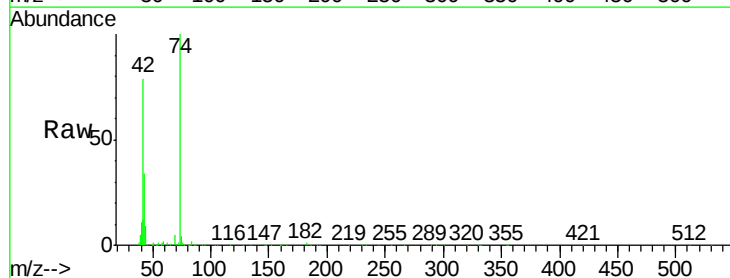
RT: 3.88 min Scan# 178

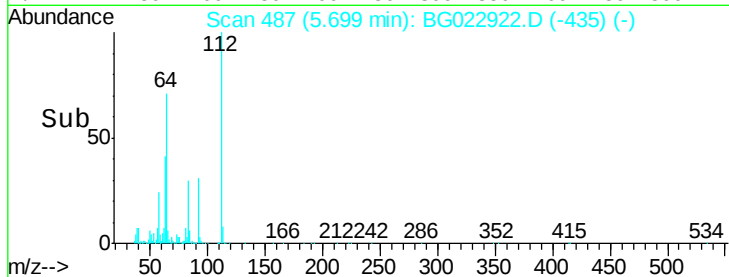
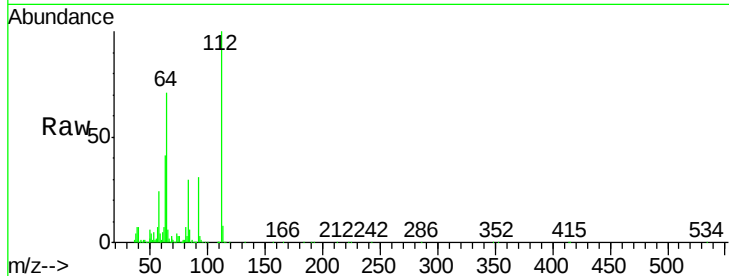
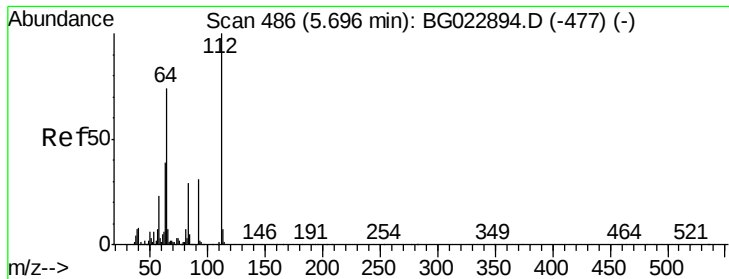
Delta R.T. -0.01 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion	42	Resp	116460
Ion	Ratio	Lower	Upper
42	100		
74	127.3	100.6	150.8
44	11.4	4.5	6.7#





#5

2-Fluorophenol

Concen: 160.48 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tot Ion	Ratio	Lower	Upper
112	100		
64	71.0	59.0	88.4
63	41.2	37.8	56.8

Instrument :

BNA_G

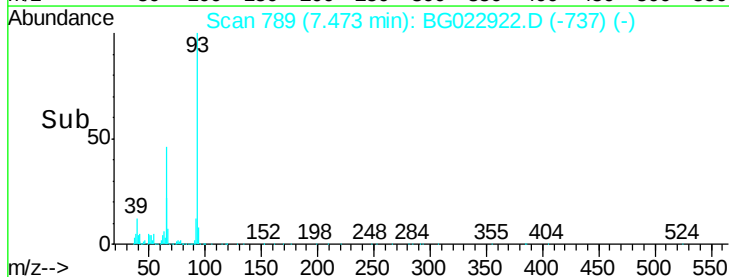
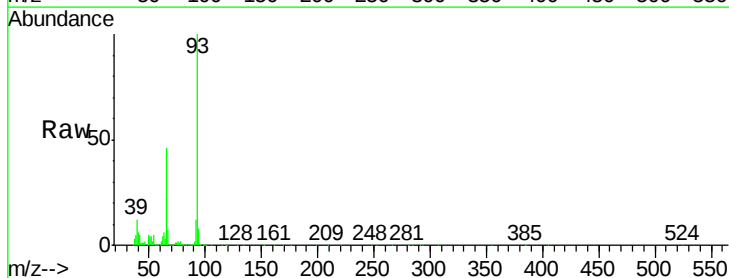
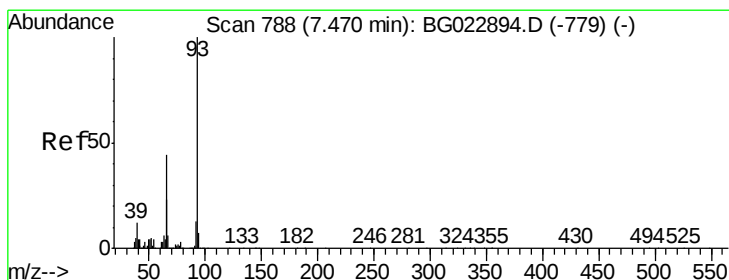
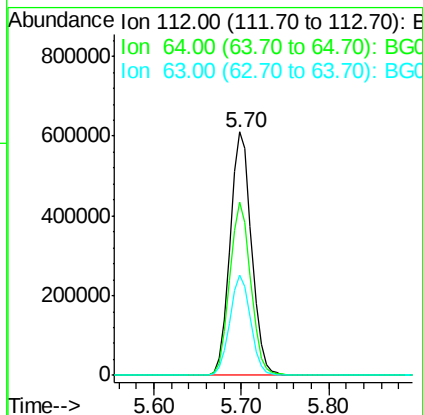
ClientSampleId :

B-2MSD

Manual Integrations

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#6

Aniline

Concen: 31.62 ng

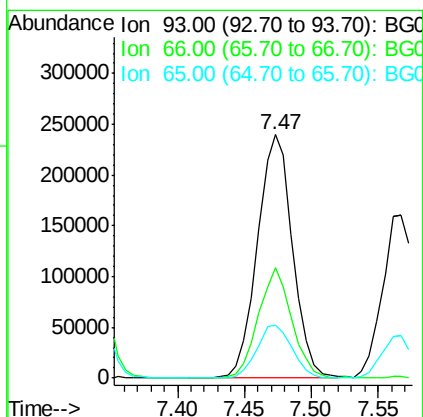
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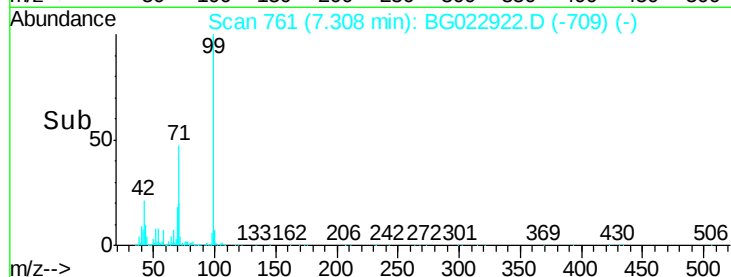
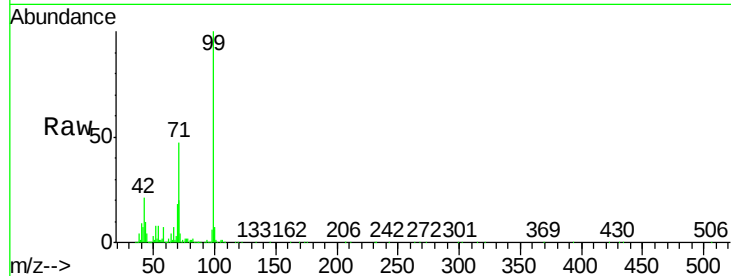
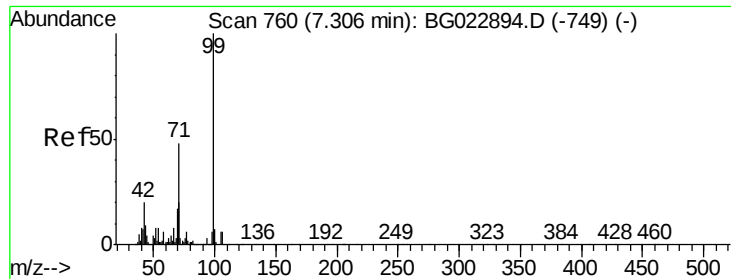
Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.5	37.5	56.3
65	21.7	17.9	26.9





#7

Phenol-d6

Concen: 154.25 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tot Ion: 99 Resp: 1531268

Ion Ratio Lower Upper

99 100

42 20.6 17.8 26.6

71 47.1 41.5 62.3

Instrument :

BNA_G

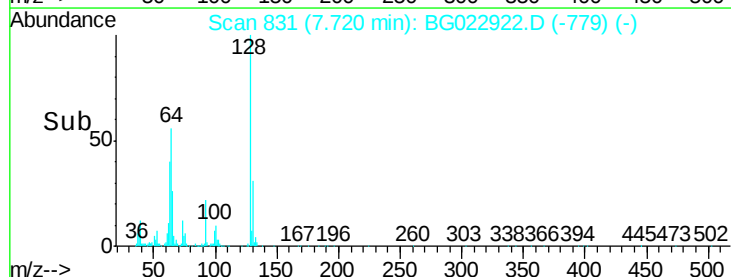
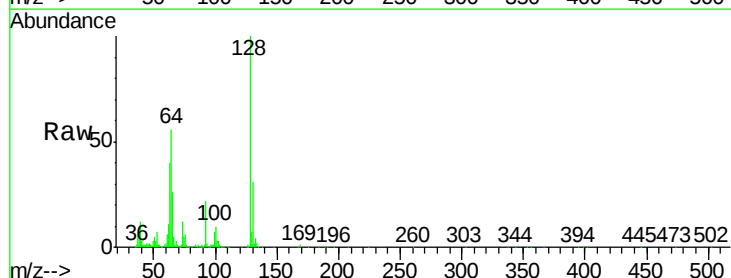
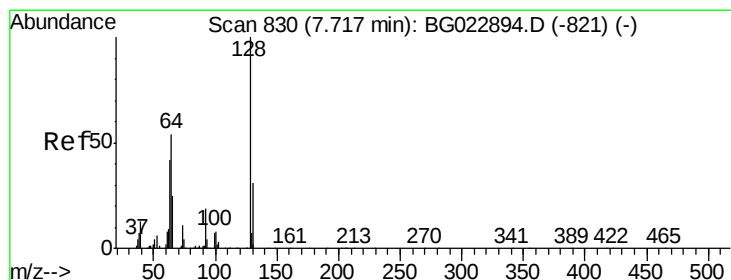
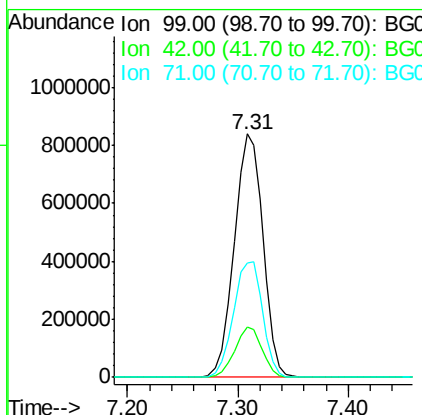
ClientSampleId :

B-2MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.26 ng

RT: 7.72 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

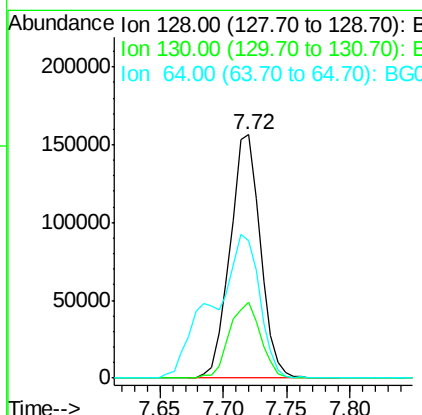
Tgt Ion:128 Resp: 258042

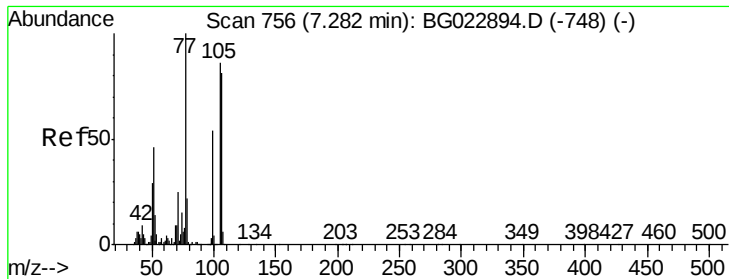
Ion Ratio Lower Upper

128 100

130 31.1 12.9 52.9

64 56.4 42.0 82.0





#9

Benzaldehyde

Concen: 32.87 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

B-2MSD

Tot Ion: 77 Resp: 218040

Ion Ratio Lower Upper

77 100

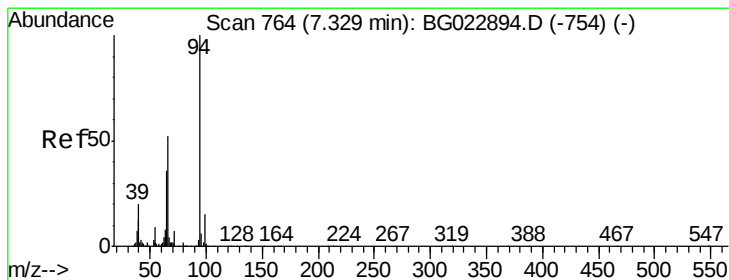
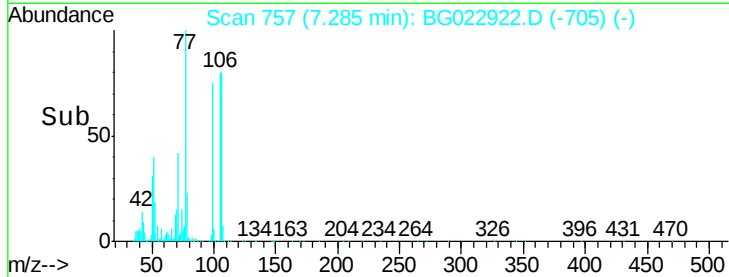
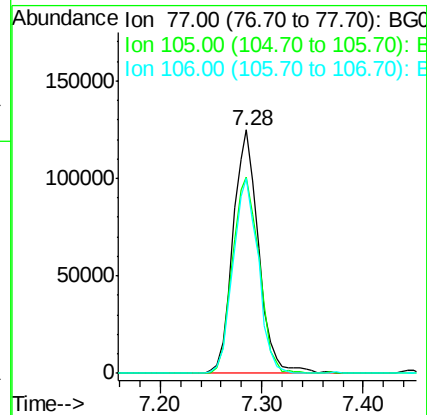
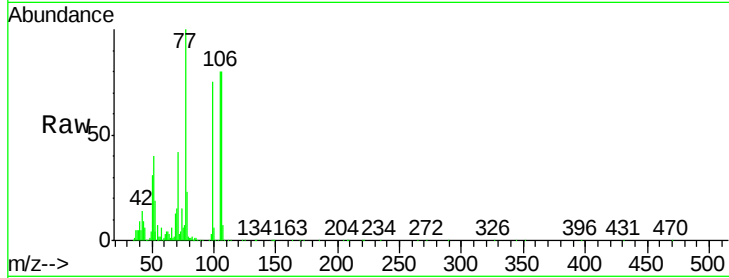
105 80.5 58.7 98.7

106 79.9 67.5 107.5

Manual Integrations

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#10

Phenol

Concen: 39.08 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

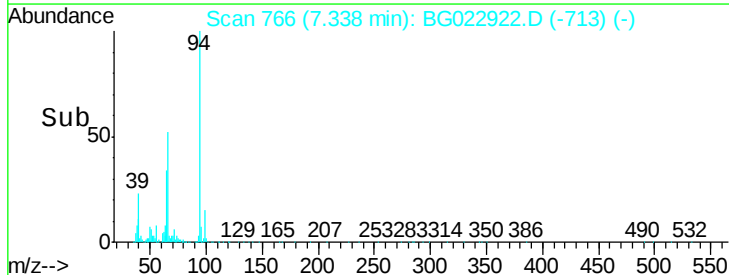
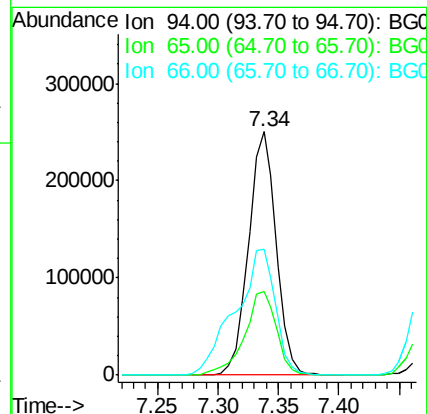
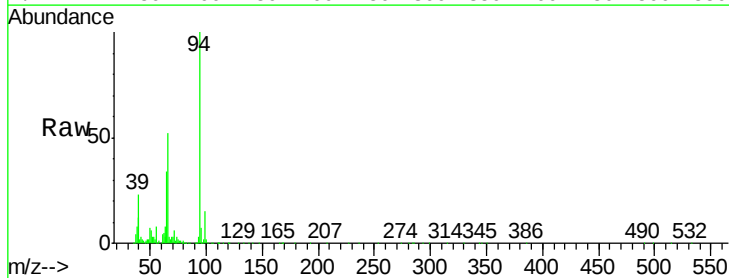
Tgt Ion: 94 Resp: 399173

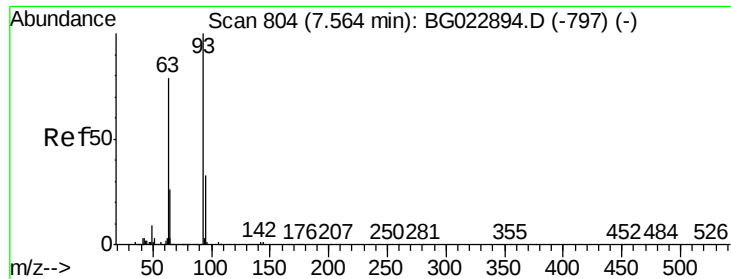
Ion Ratio Lower Upper

94 100

65 34.1 18.1 58.1

66 51.9 42.1 82.1





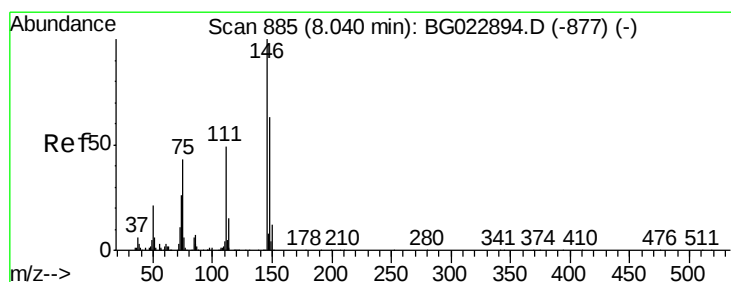
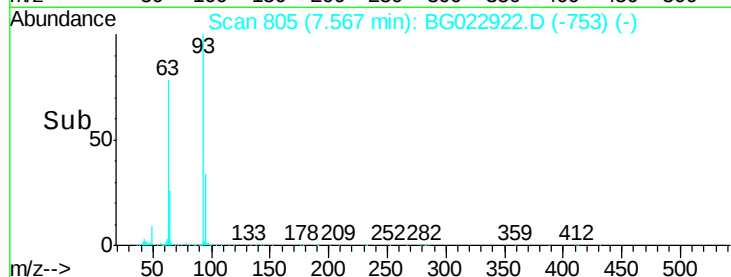
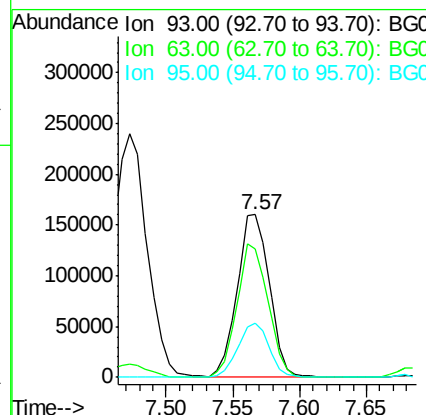
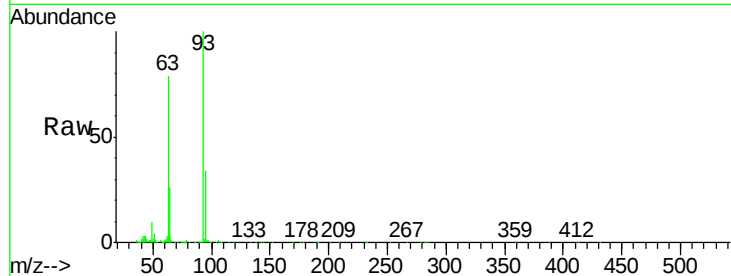
#11
bis(2-Chloroethyl)ether
Concen: 33.37 ng
RT: 7.57 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	78.9	55.0	95.0	
95	33.6	11.0	51.0	

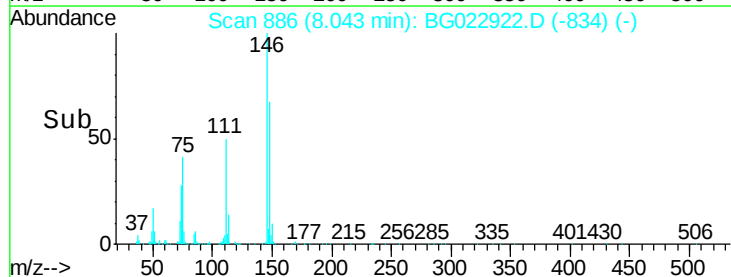
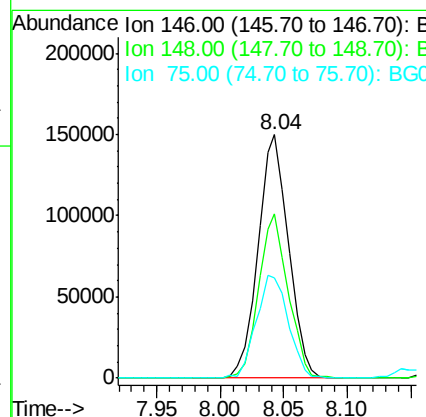
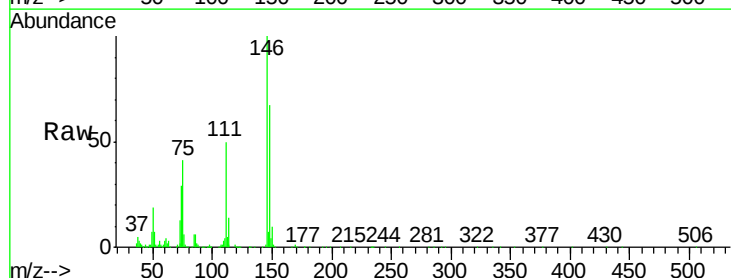
Manual Integrations

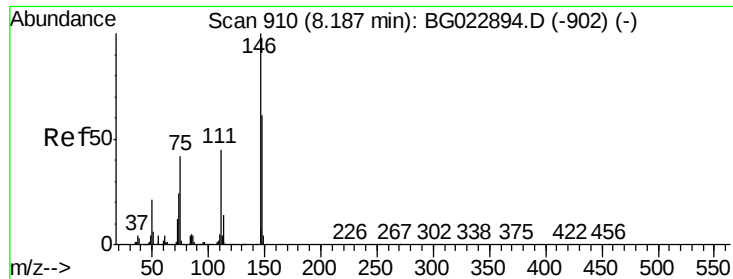
sohil
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#12
1,3-Dichlorobenzene
Concen: 30.40 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	67.4	50.3	75.5	
75	41.4	37.0	55.6	





#13

1,4-Dichlorobenzene

Concen: 32.09 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

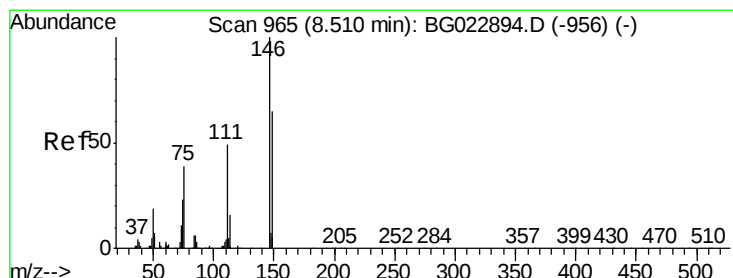
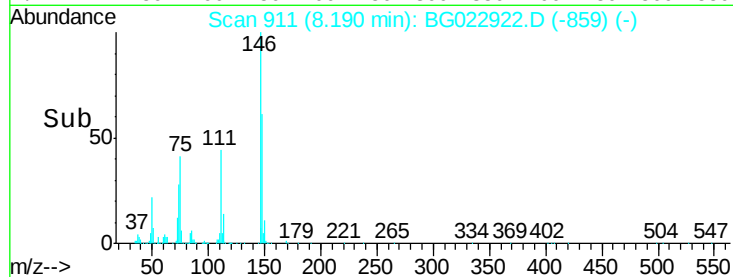
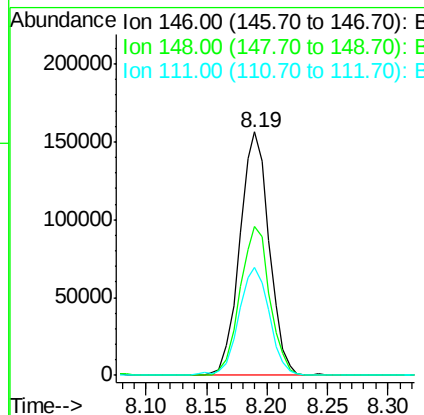
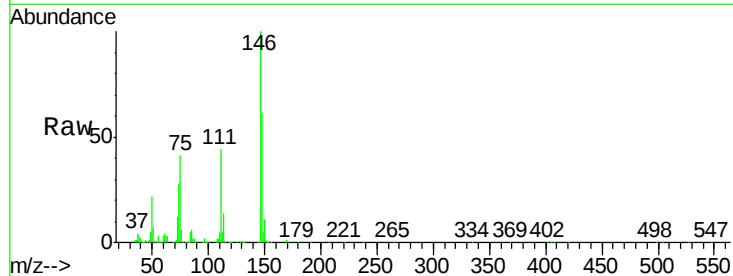
B-2MSD

Tot Ion:	146	Resp:	265262
Ion Ratio	Lower	Upper	
146	100		
148	61.2	54.5	81.7
111	44.4	37.8	56.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 31.25 ng

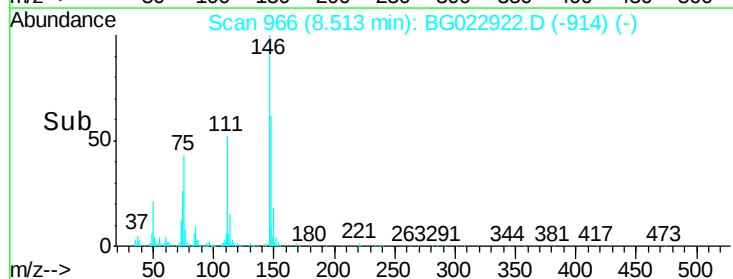
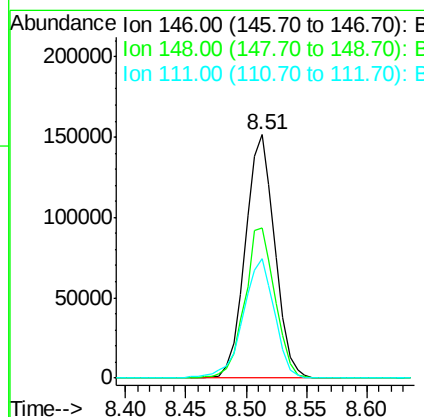
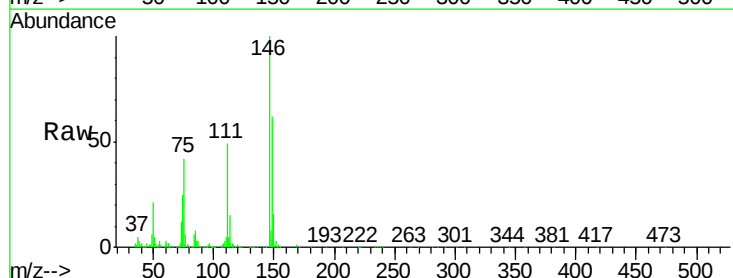
RT: 8.51 min Scan# 966

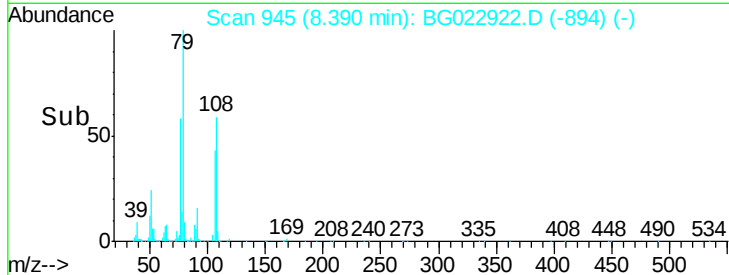
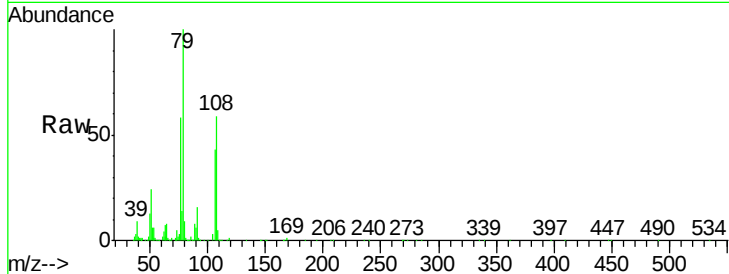
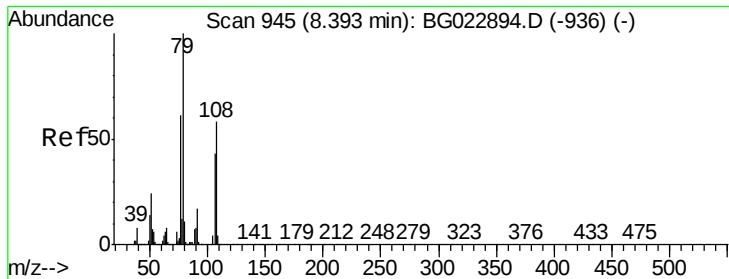
Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion:	146	Resp:	256835
Ion Ratio	Lower	Upper	
146	100		
148	61.7	52.9	79.3
111	48.8	43.5	65.3





#15

Benzyl Alcohol

Concen: 40.00 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tot Ion:	79	Resp:	363650
Ion Ratio	Lower	Upper	
79	100		
108	59.2	46.5	69.7
77	58.3	52.3	78.5

Instrument :

BNA_G

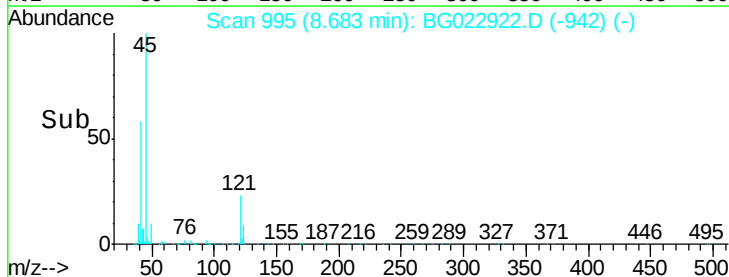
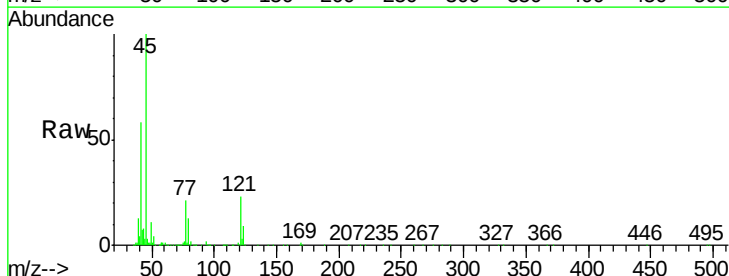
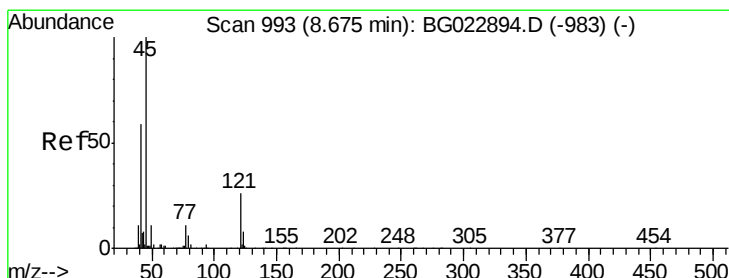
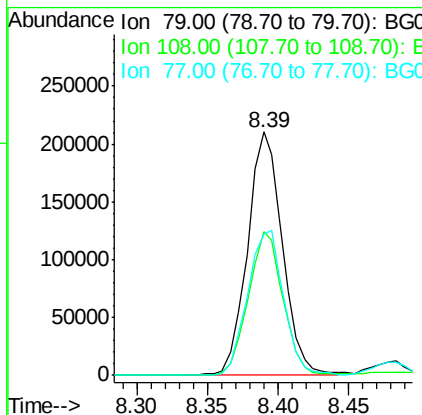
ClientSampled :

B-2MSD

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.31 ng

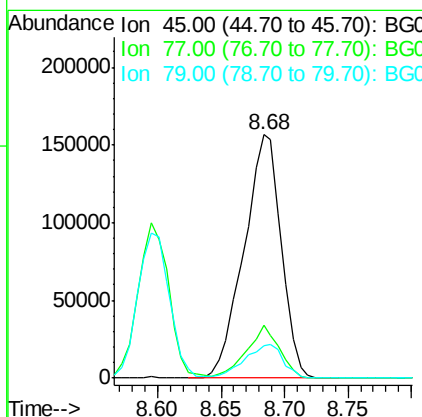
RT: 8.68 min Scan# 995

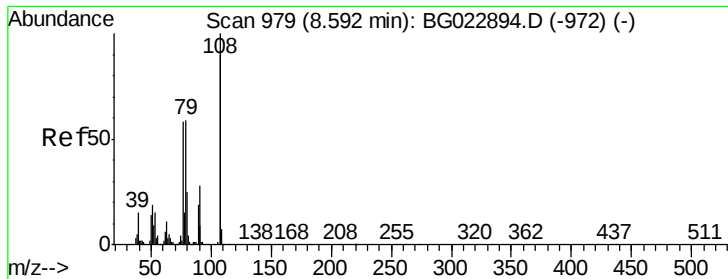
Delta R.T. 0.01 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion:	45	Resp:	319476
Ion Ratio	Lower	Upper	
45	100		
77	21.5	0.6	40.6
79	13.4	0.0	36.2





#17

2-Methylphenol

Concen: 38.96 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

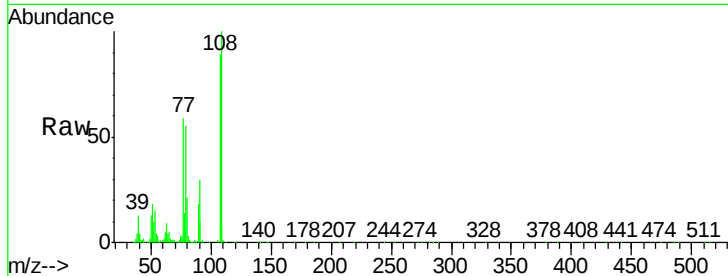
ClientSampleId :

B-2MSD

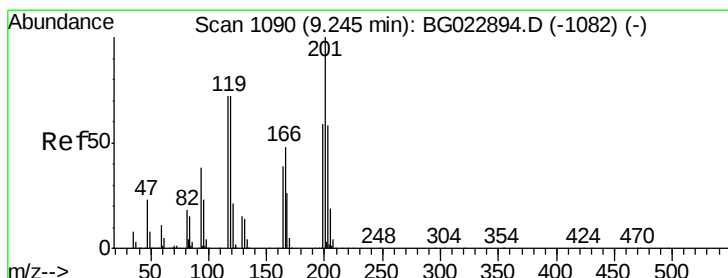
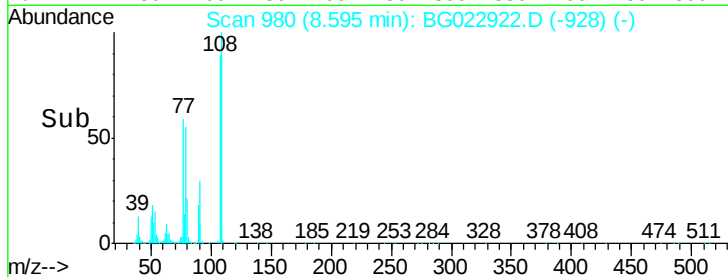
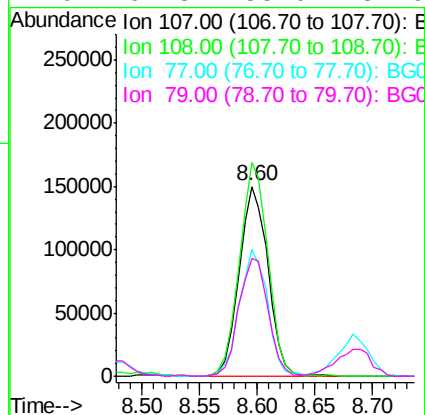
Manual Integrations

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Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	92.0	138.0	
77	66.7	55.8	83.6	
79	62.3	55.0	82.6	



#18

Hexachloroethane

Concen: 30.13 ng

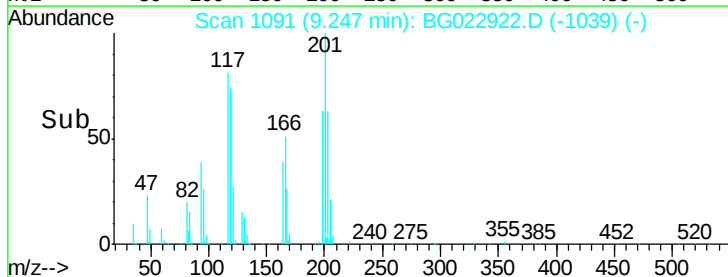
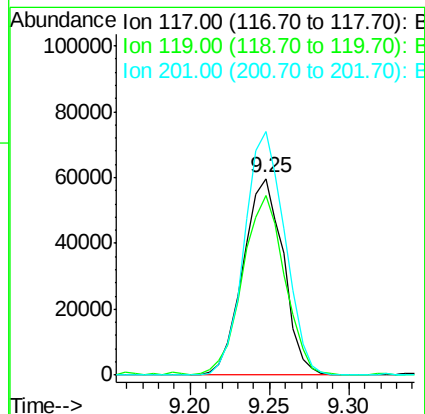
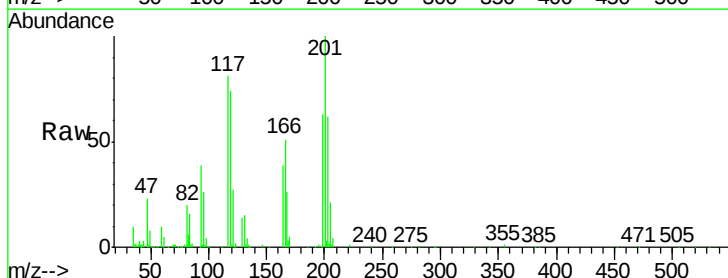
RT: 9.25 min Scan# 1091

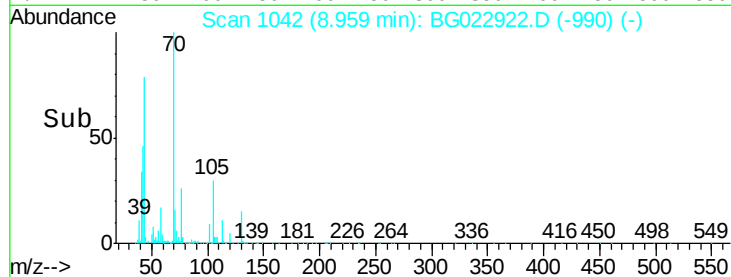
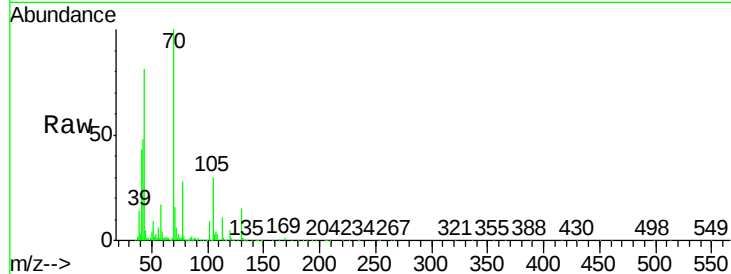
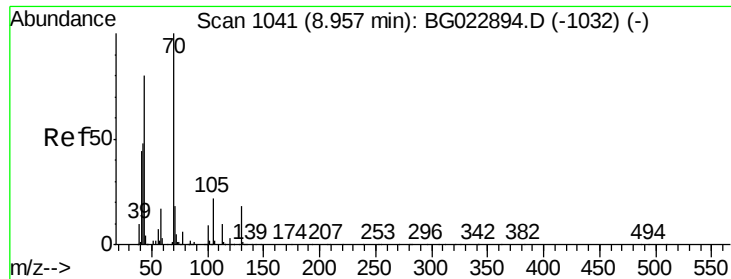
Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

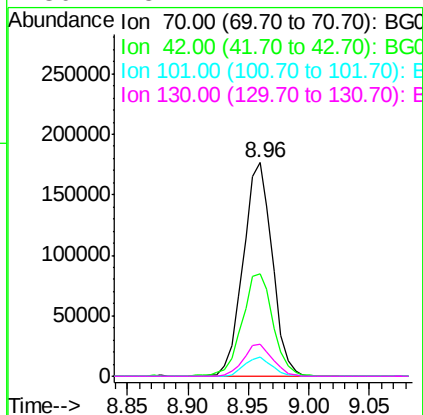
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.4	73.7	110.5	
201	123.9	88.7	133.1	





#19
n-Nitroso-di-n-propylamine
Concen: 33.02 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

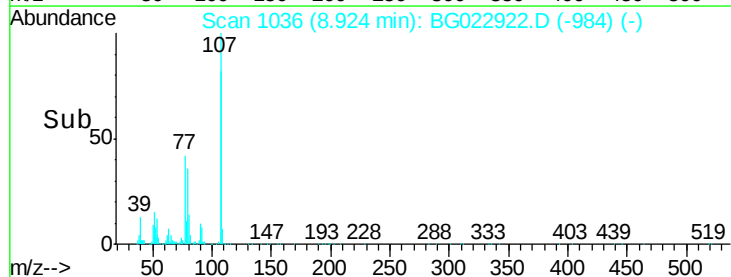
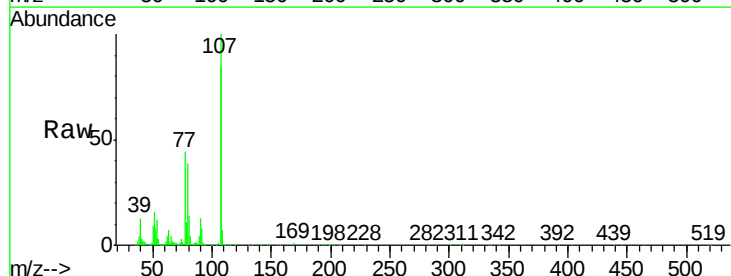
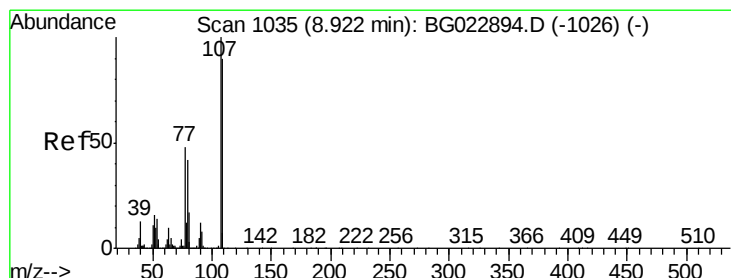
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.8	42.1	63.1	
101	8.8	7.2	10.8	
130	15.2	14.2	21.2	



Instrument :
BNA_G
ClientSampleId :
B-2MSD

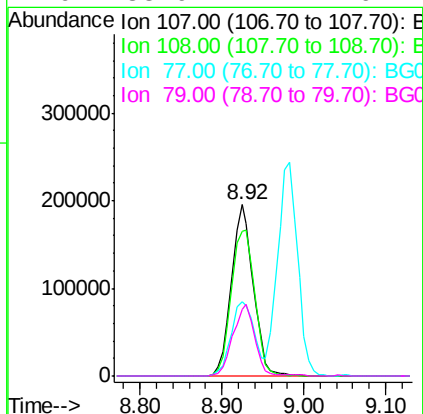
Manual Integrations

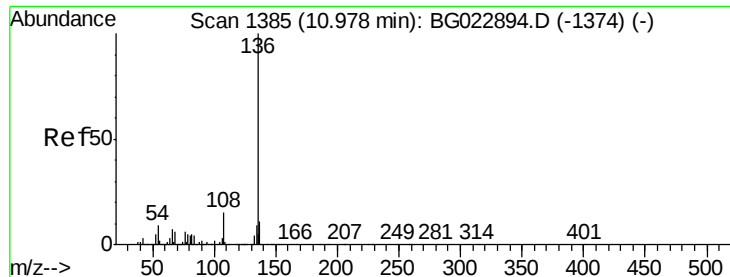
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#20
3+4-Methylphenols
Concen: 39.26 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.3	72.5	112.5	
77	43.6	30.1	70.1	
79	38.9	24.2	64.2	





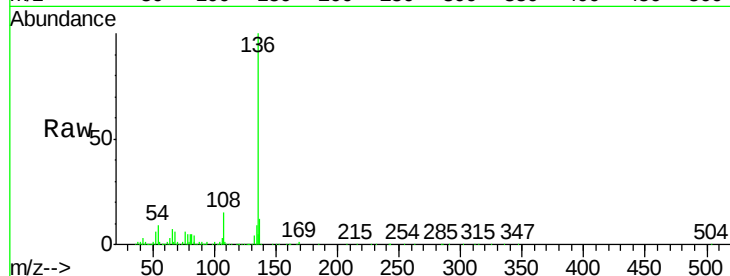
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

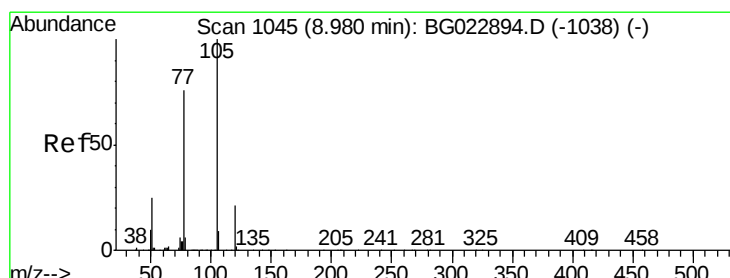
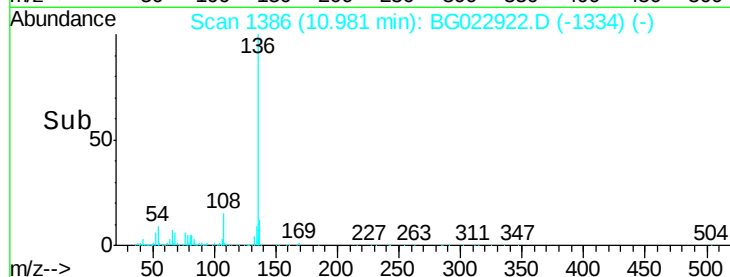
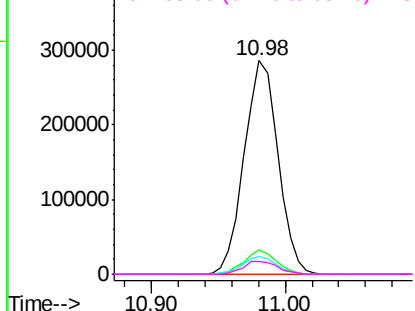
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		500820		
137	11.5	9.6	14.4		
54	8.7	7.3	10.9		
68	6.3	5.3	7.9		

Manual Integrations

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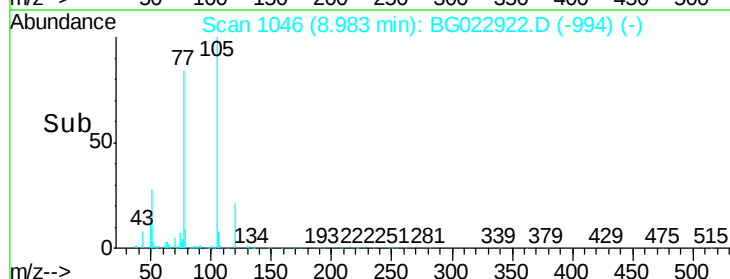
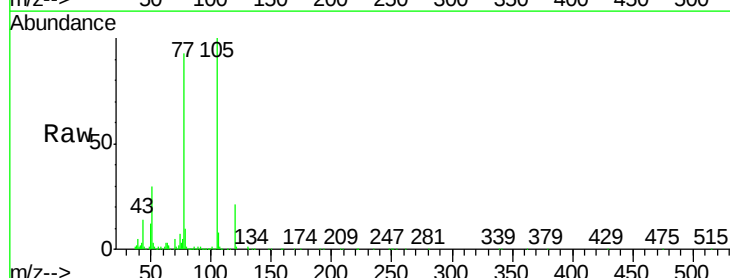
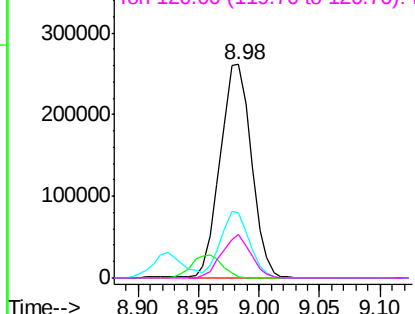
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

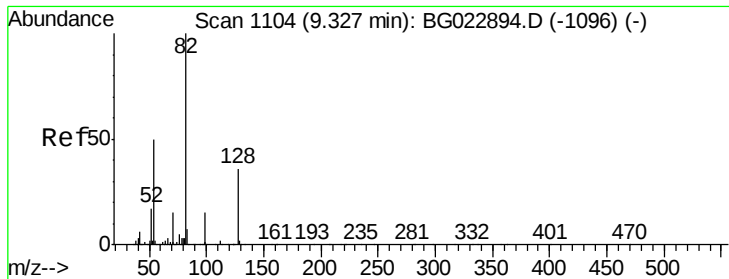


#22
Acetophenone
Concen: 31.33 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		470919		
71	0.6	2.6	3.8#		
51	30.4	27.1	40.7		
120	20.6	15.1	22.7		

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





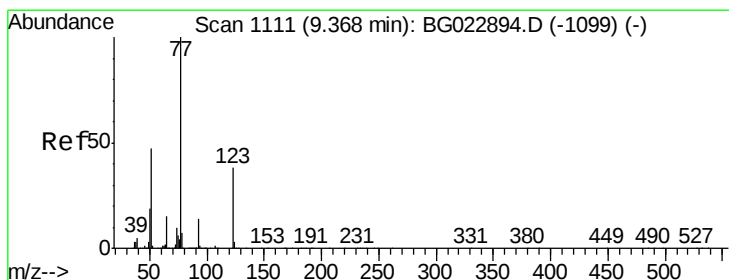
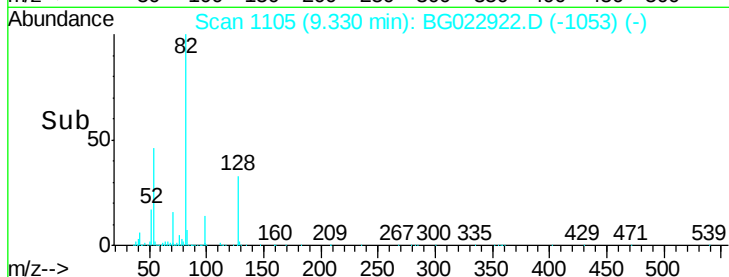
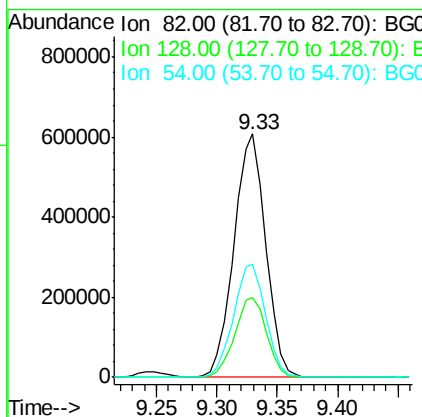
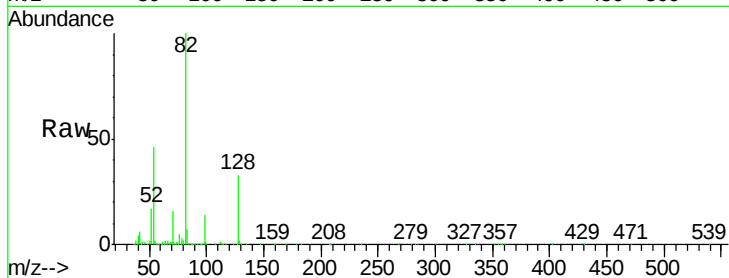
#23
Nitrobenzene-d5
Concen: 94.99 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	46.4	41.4	62.0

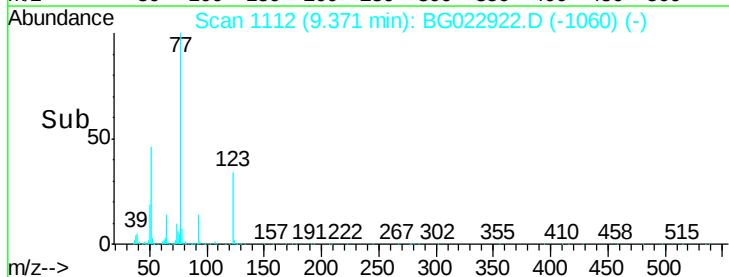
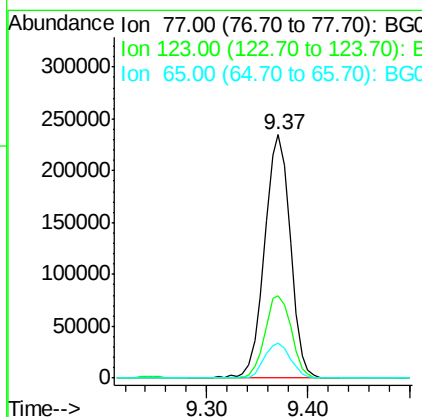
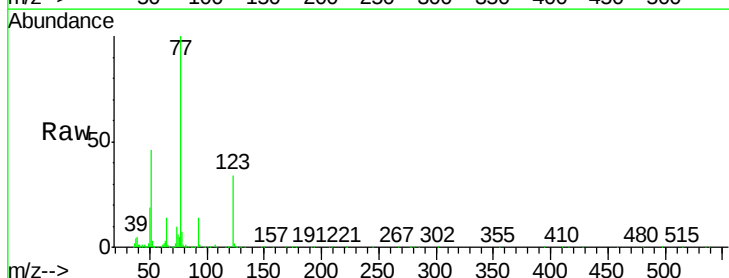
Manual Integrations

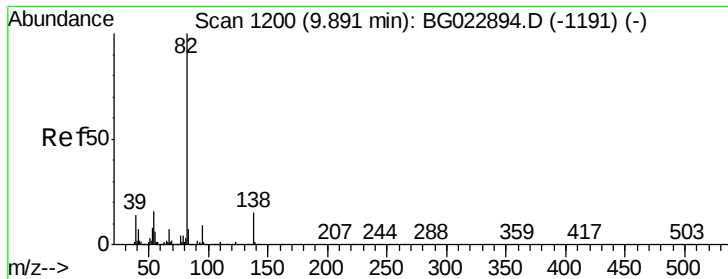
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#24
Nitrobenzene
Concen: 33.31 ng
RT: 9.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.6	25.0	37.6
65	14.4	13.4	20.0





#25

Isophorone

Concen: 33.35 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampled :

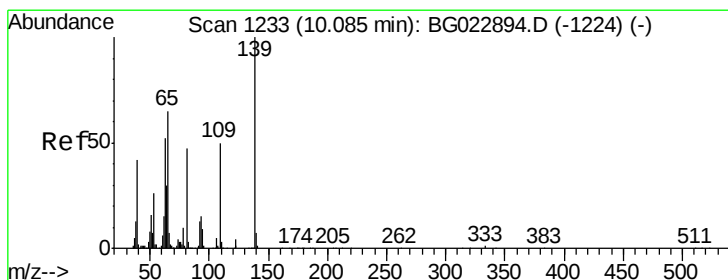
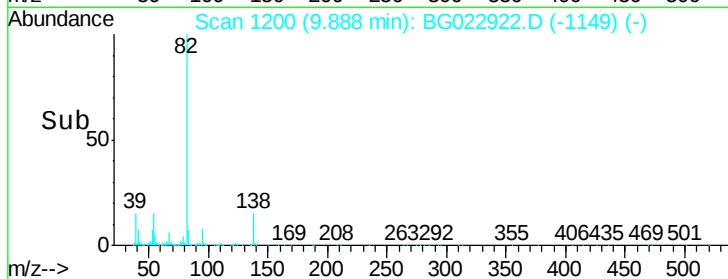
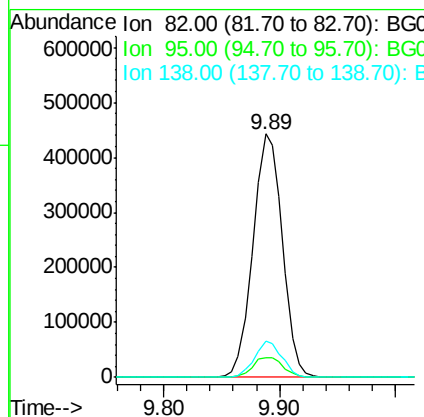
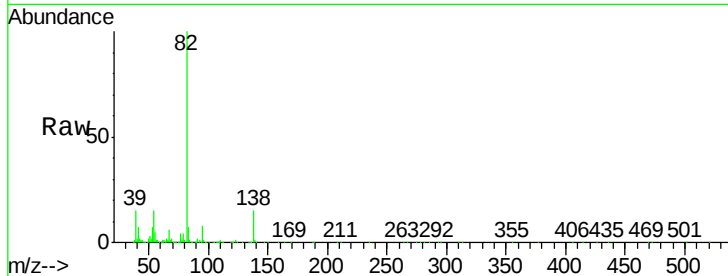
B-2MSD

Tot Ion:	82	Resp:	784456
Ion Ratio	Lower	Upper	
82	100		
95	7.9	8.2	12.2#
138	15.1	10.7	16.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 34.58 ng

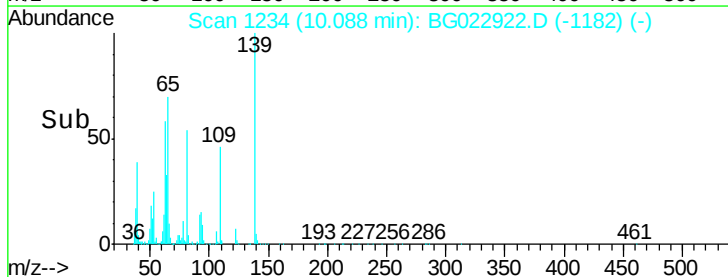
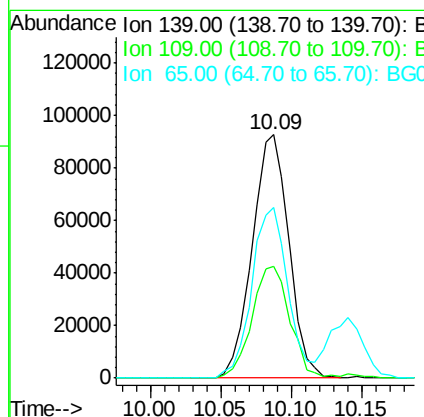
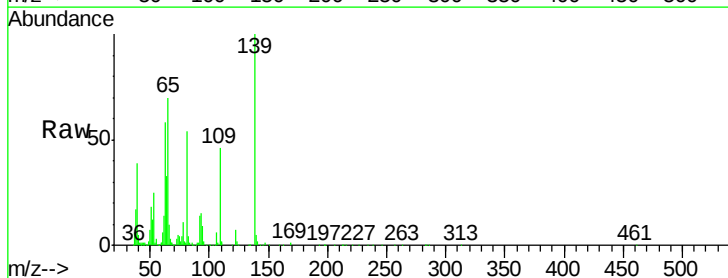
RT: 10.09 min Scan# 1234

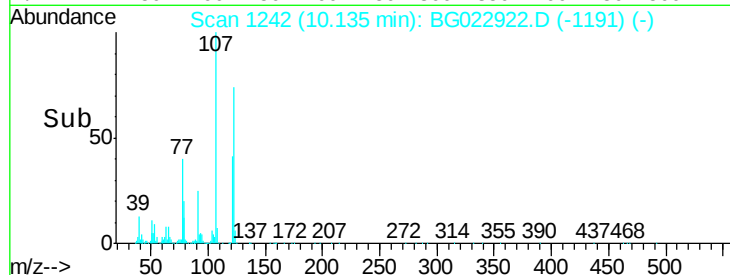
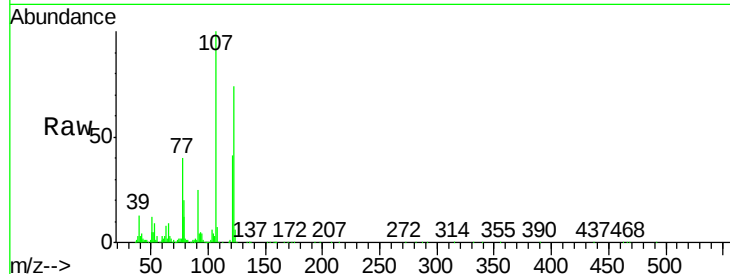
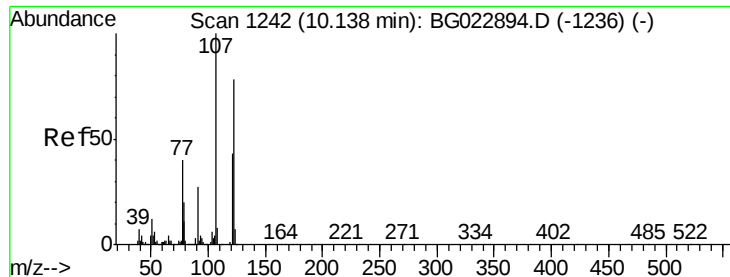
Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion:	139	Resp:	168656
Ion Ratio	Lower	Upper	
139	100		
109	46.0	43.5	65.3
65	70.2	64.3	96.5





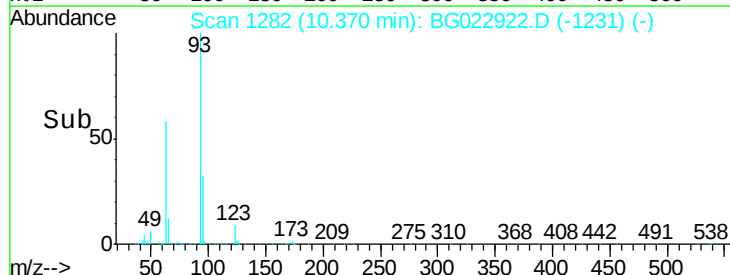
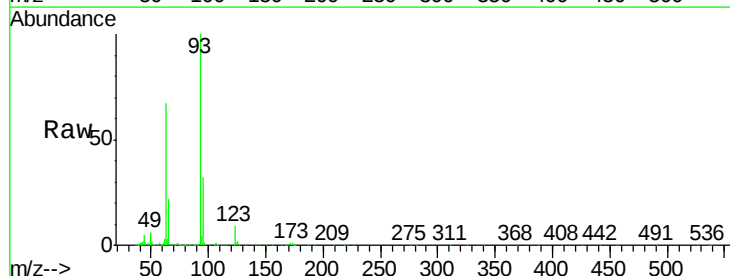
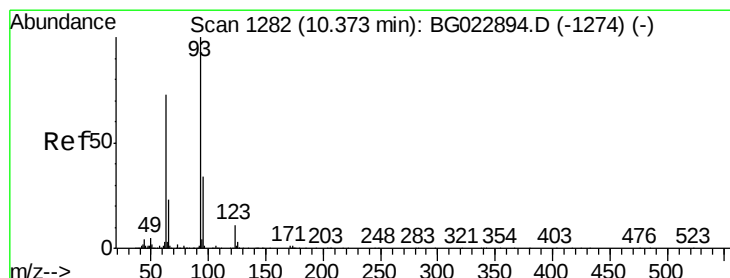
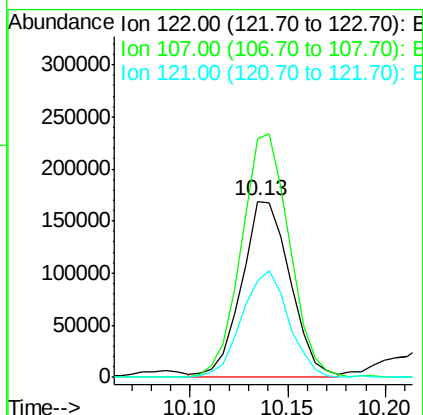
#27
2,4-Dimethylphenol
Concen: 34.54 ng
RT: 10.13 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.3	117.0	175.4
121	54.9	50.1	75.1

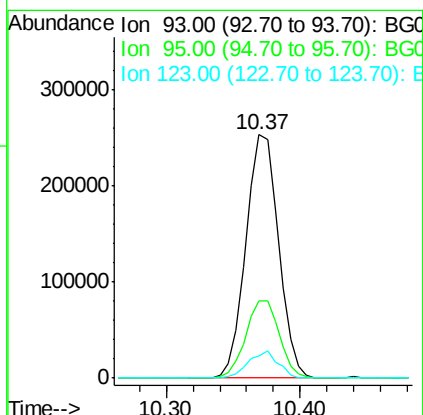
Manual Integrations

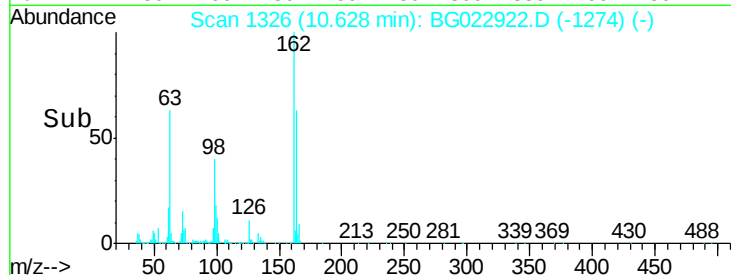
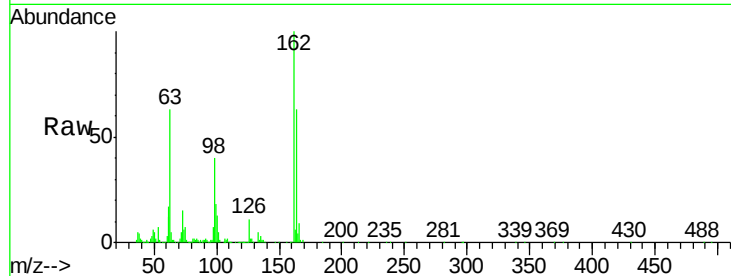
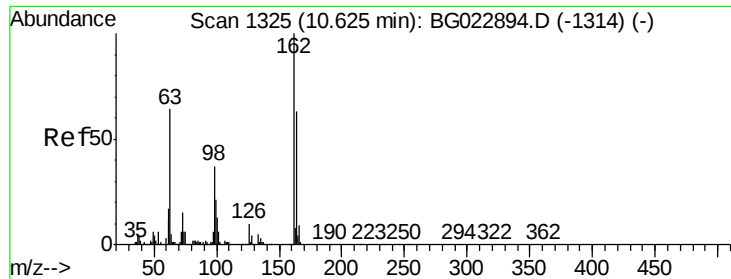
sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 32.61 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.2
123	9.3	8.2	12.2





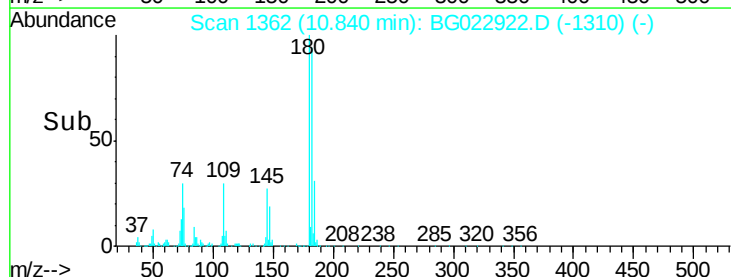
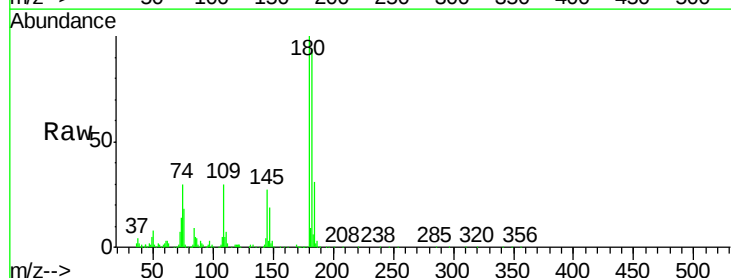
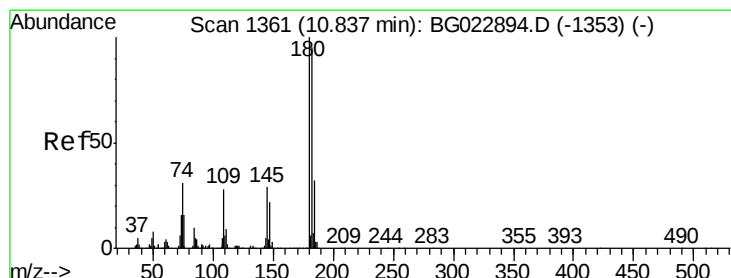
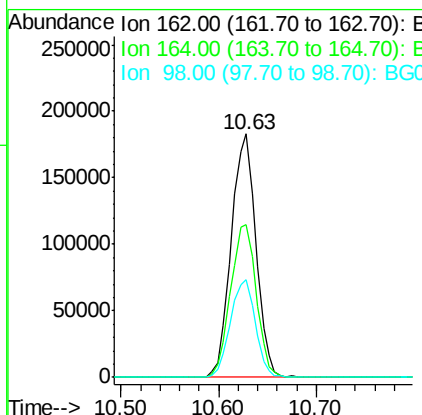
#29
2,4-Dichlorophenol
Concen: 35.91 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tot Ion	Ratio	Resp	Lower	Upper
162	100	322820		
164	62.9	44.3	84.3	
98	40.2	19.5	59.5	

Instrument :
BNA_G
ClientSampled :
B-2MSD

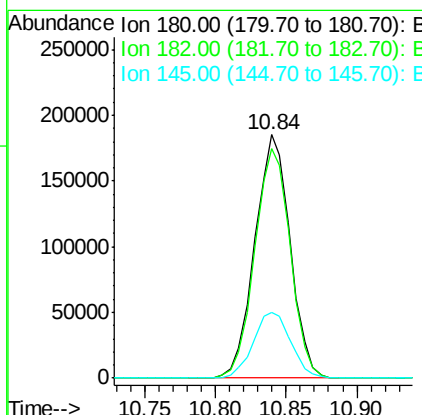
Manual Integrations

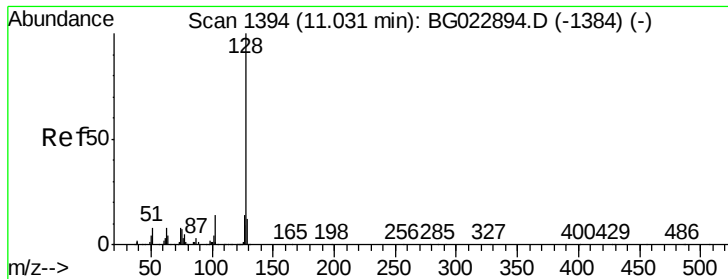
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#30
1,2,4-Trichlorobenzene
Concen: 31.51 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	324615		
182	94.2	73.8	110.8	
145	27.0	24.4	36.6	





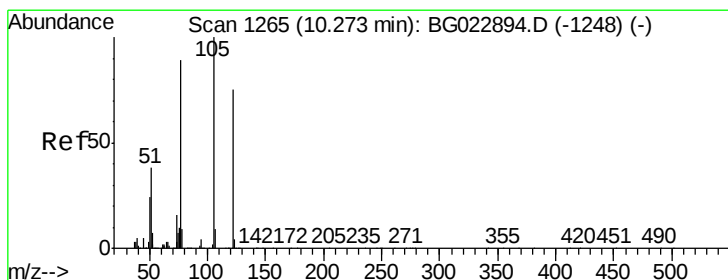
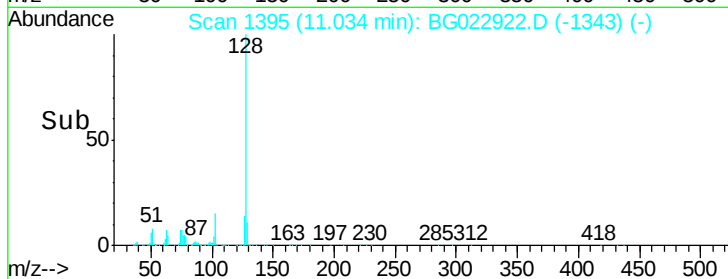
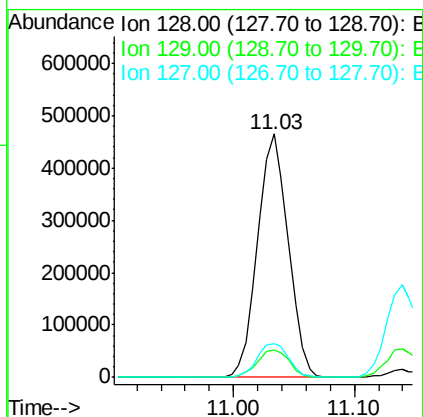
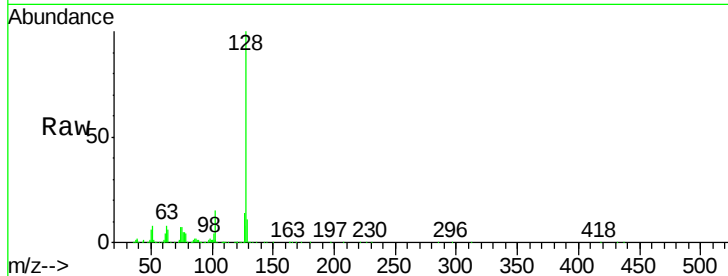
#31
Naphthalene
Concen: 32.09 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.7	11.3	16.9

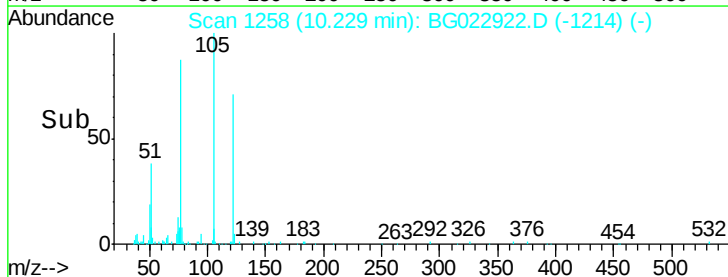
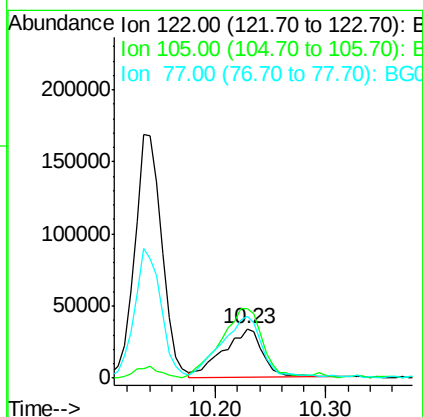
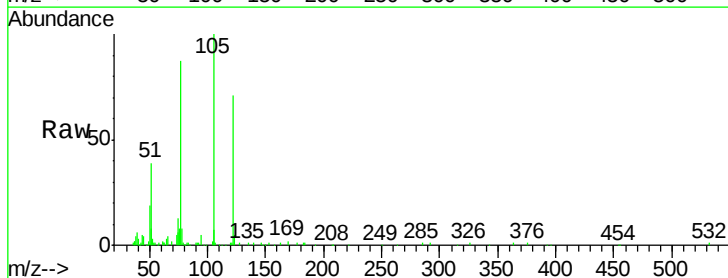
Manual Integrations

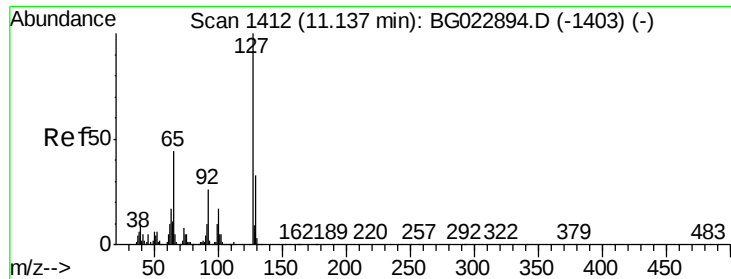
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#32
Benzoic acid
Concen: 11.12 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.04 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.6	117.2	157.2
77	123.9	109.2	149.2





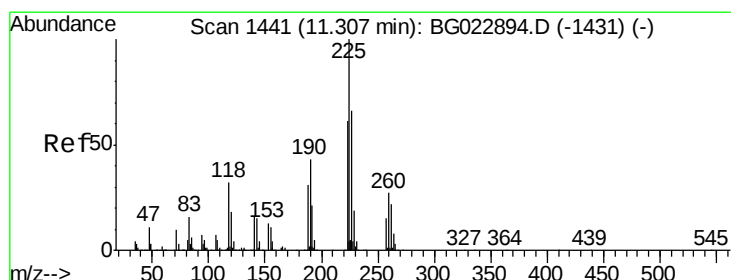
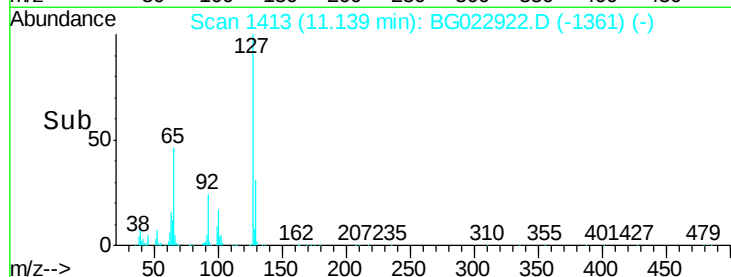
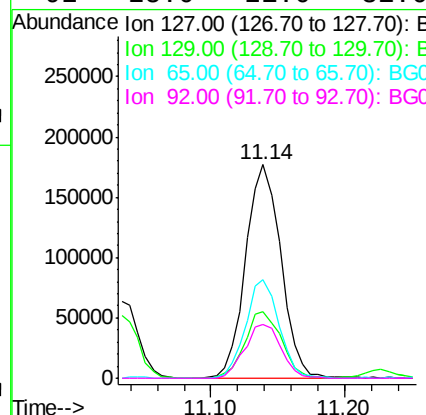
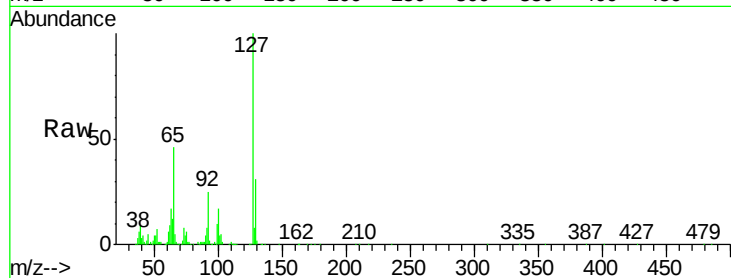
#33
4-Chloroaniline
Concen: 25.87 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	27.9	41.9		
65	46.1	36.8	55.2		
92	25.0	21.0	31.6		

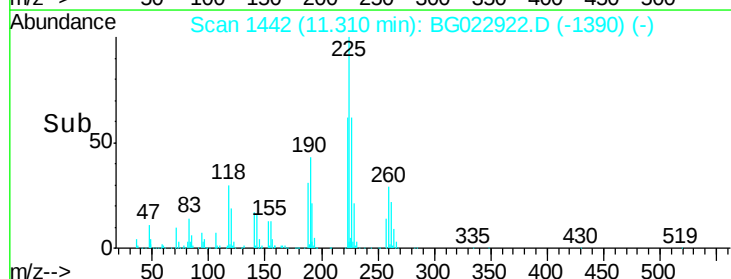
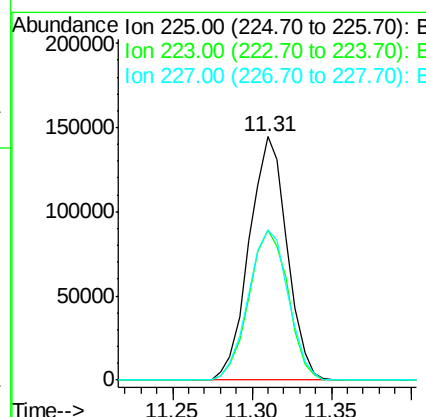
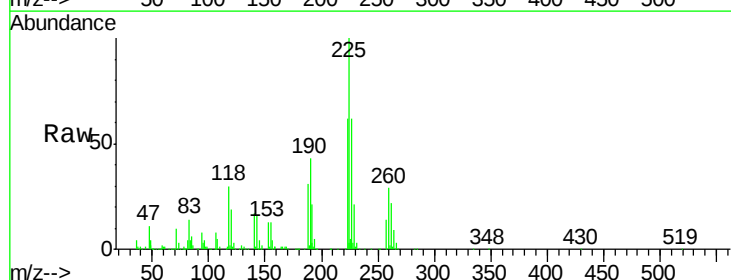
Manual Integrations

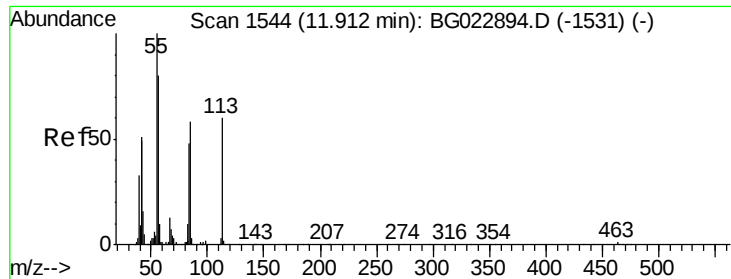
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#34
Hexachlorobutadiene
Concen: 28.69 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	49.6	74.4		
227	61.9	54.5	81.7		





#35

Caprolactam

Concen: 30.47 ng/ml

RT: 11.91 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

B-2MSD

Tot Ion:113 Resp: 112704

Ion Ratio Lower Upper

113 100

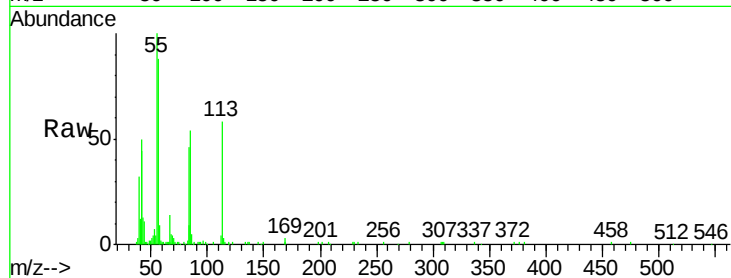
55 172.6 154.5 194.5

56 151.5 125.1 165.1

Manual Integrations

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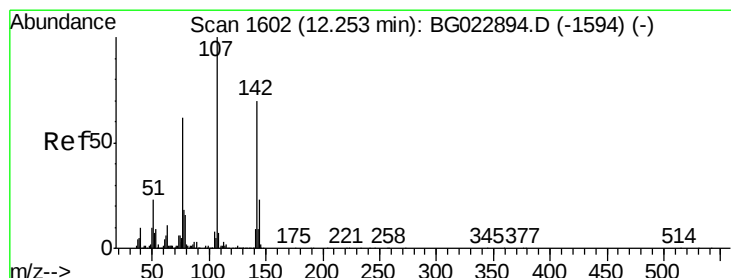
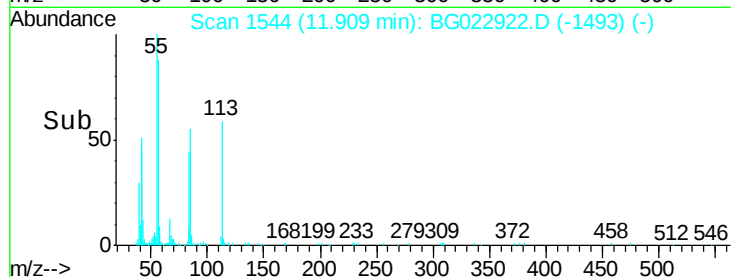
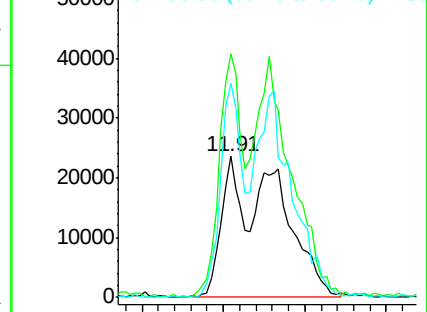
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 33.00 ng/ml

RT: 12.26 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

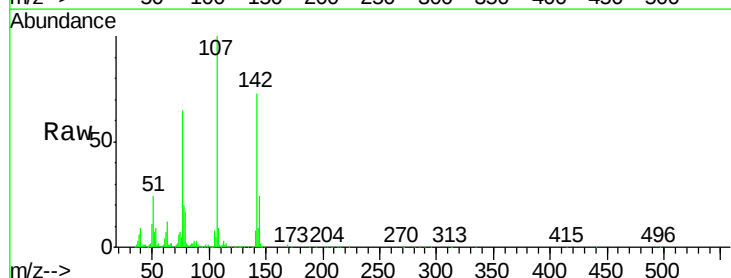
Tgt Ion:107 Resp: 405779

Ion Ratio Lower Upper

107 100

144 24.0 17.0 25.6

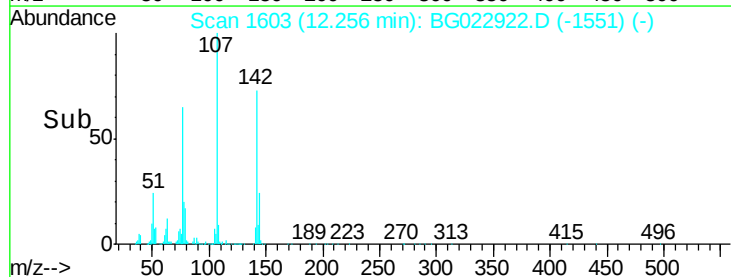
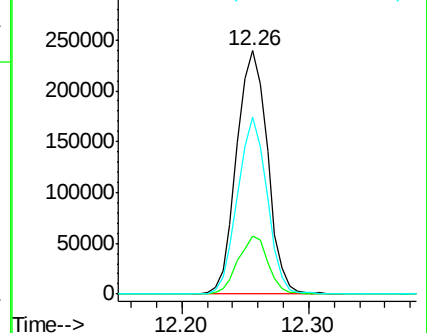
142 72.7 53.0 79.6

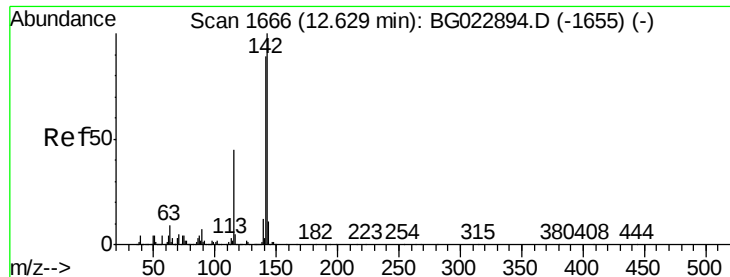


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





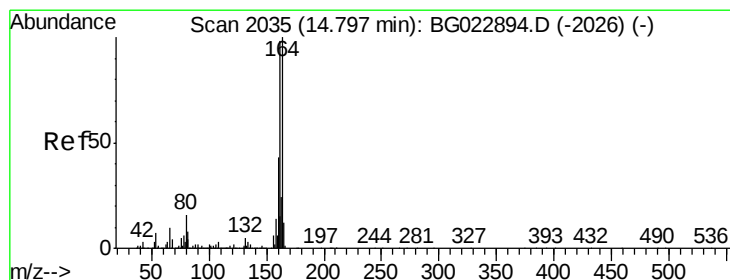
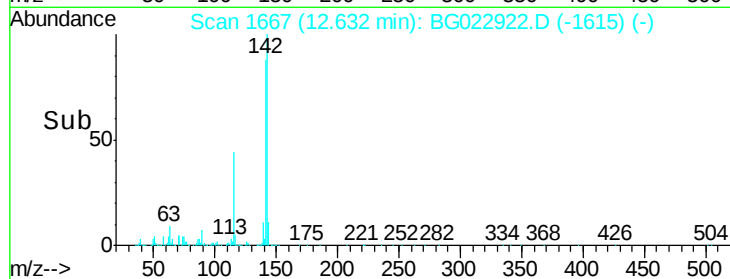
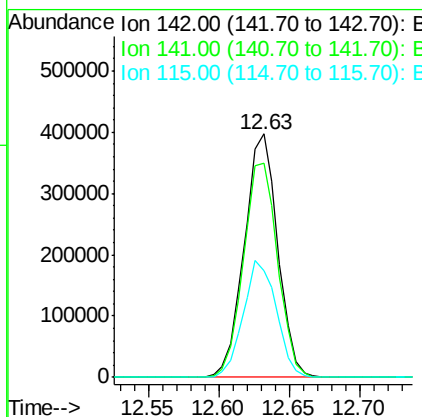
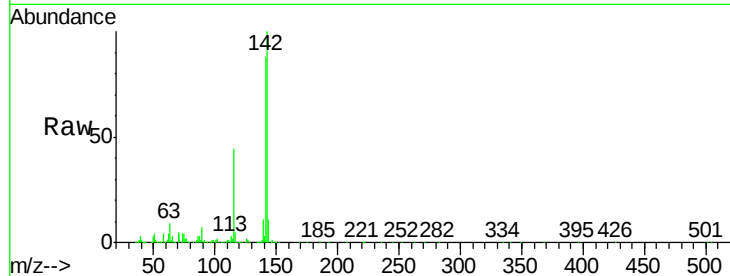
#37
 2-Methylnaphthalene
 Concen: 32.70 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Instrument :
 BNA_G
 ClientSampleId :
 B-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	87.7	70.2	105.2	
115	43.8	41.7	62.5	

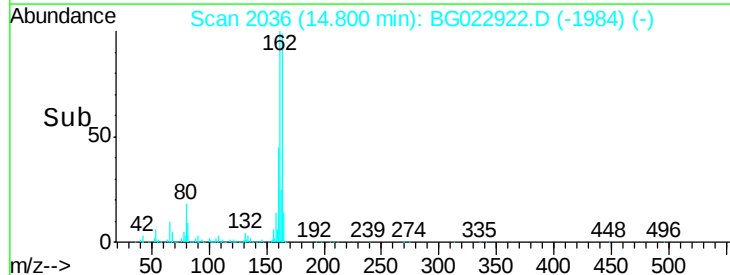
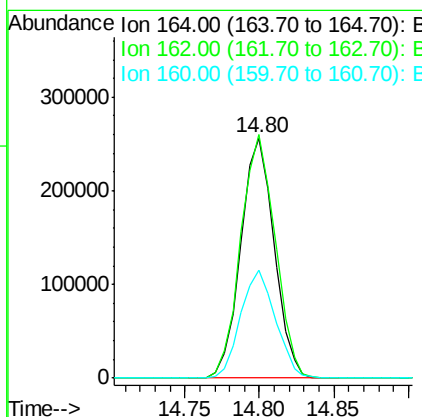
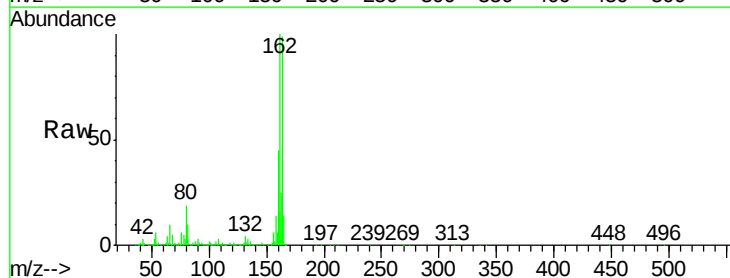
Manual Integrations

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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	101.4	87.7	131.5	
160	45.2	37.2	55.8	





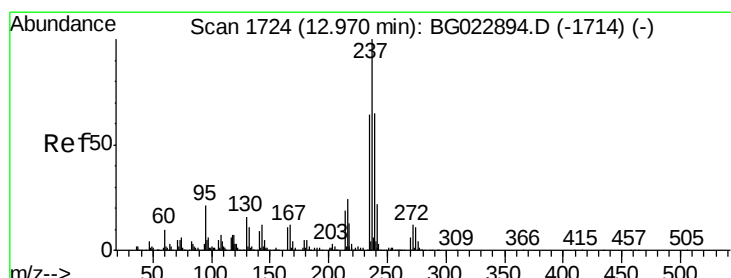
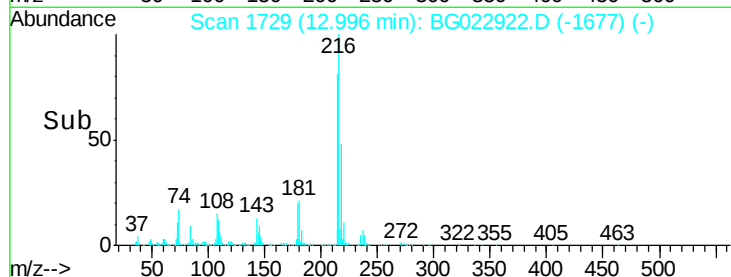
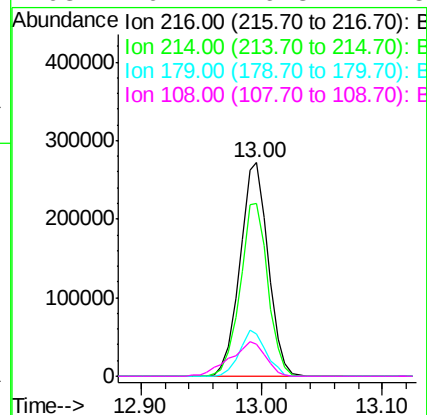
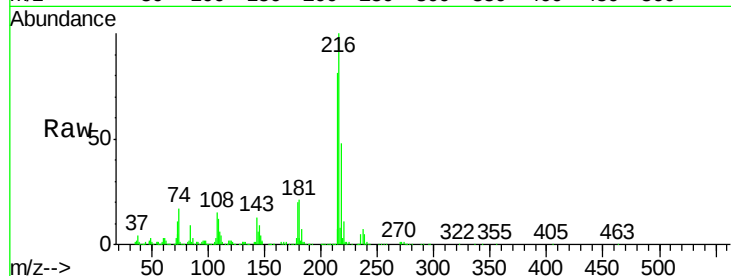
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.73 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Instrument :
 BNA_G
 ClientSampleId :
 B-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		440385		
214	79.5	62.9	94.3		
179	20.2	17.2	25.8		
108	20.2	16.3	24.5		

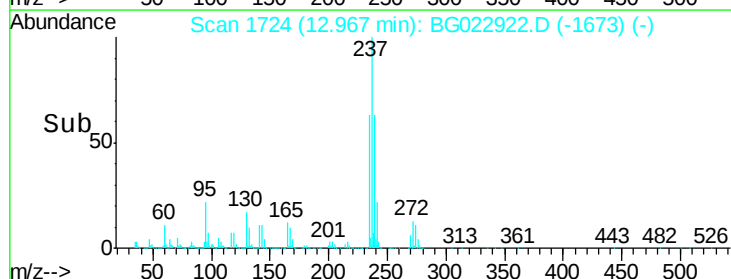
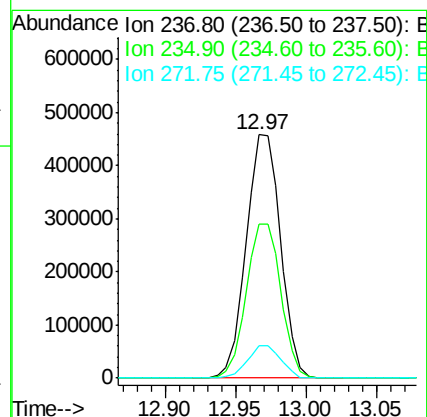
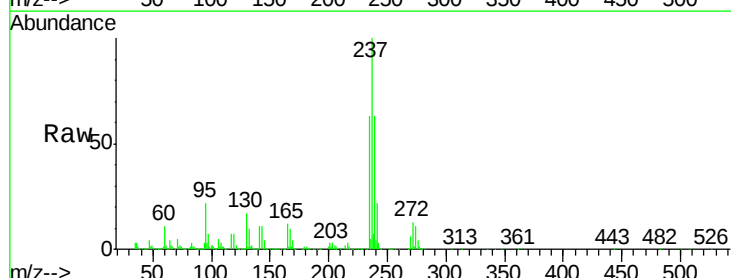
Manual Integrations

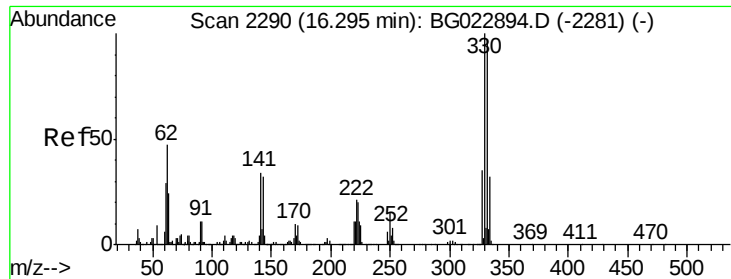
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#40
 Hexachlorocyclopentadiene
 Concen: 79.26 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		781074		
235	63.3	43.1	83.1		
272	13.2	0.0	30.9		





#41

2,4,6-Tribromophenol

Concen: 117.02 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampled :

B-2MSD

Tot Ion:330 Resp: 835369

Ion Ratio Lower Upper

330 100

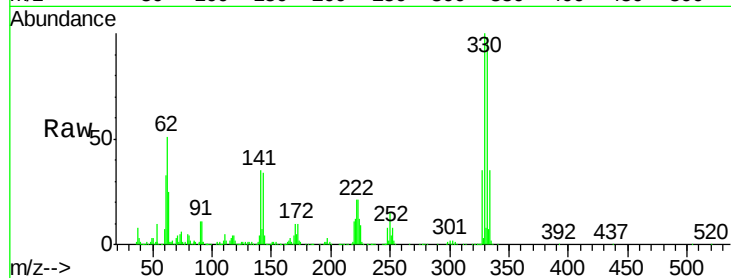
332 98.2 77.4 116.2

141 36.3 31.7 47.5

Manual Integrations

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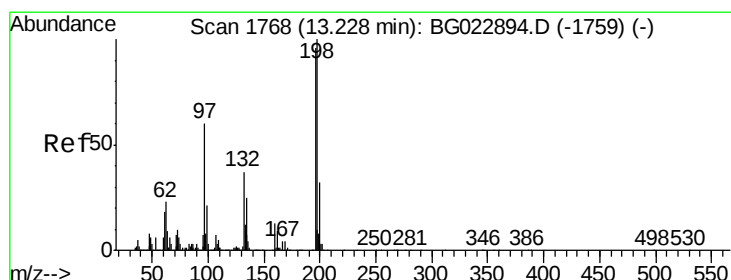
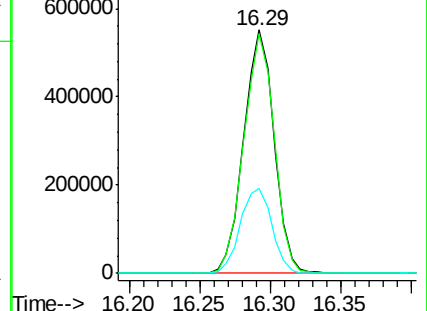
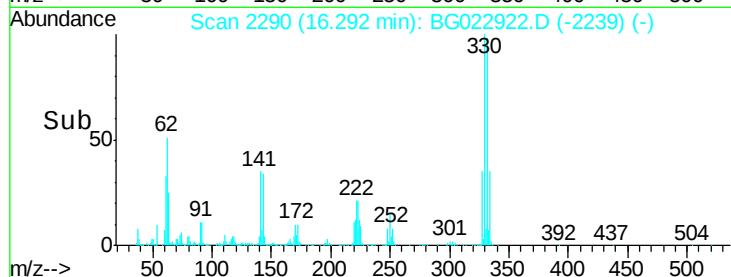
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 33.18 ng

RT: 13.23 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

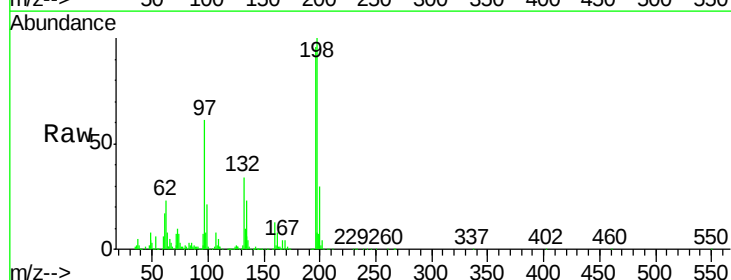
Tgt Ion:196 Resp: 326472

Ion Ratio Lower Upper

196 100

198 103.7 78.2 117.2

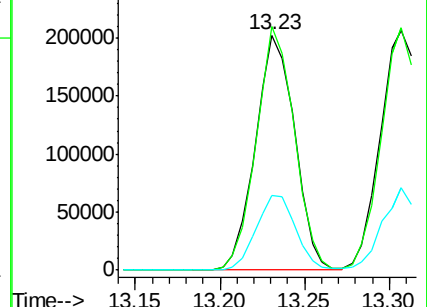
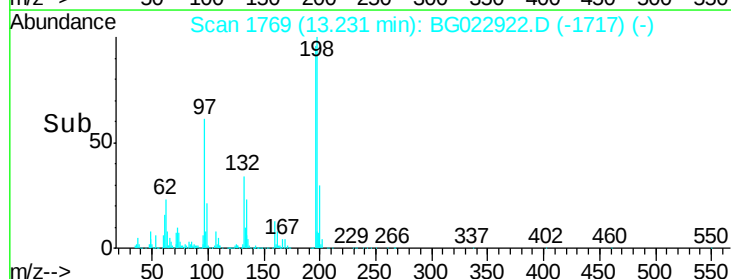
200 31.6 27.0 40.4

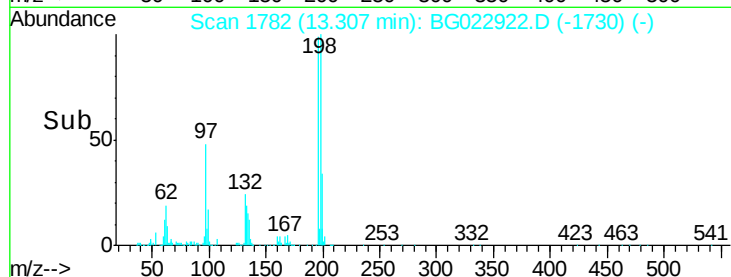
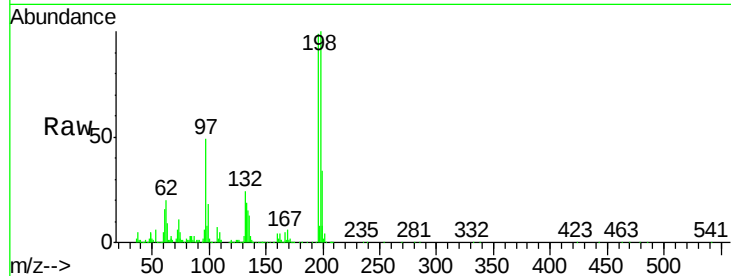
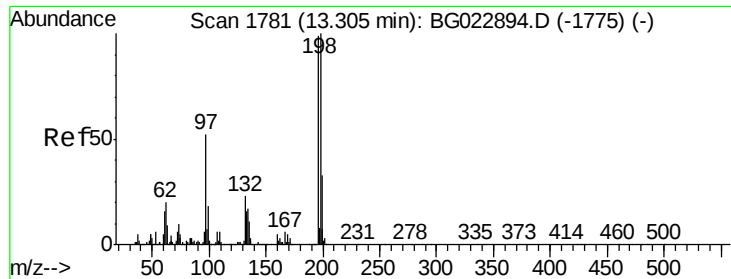


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

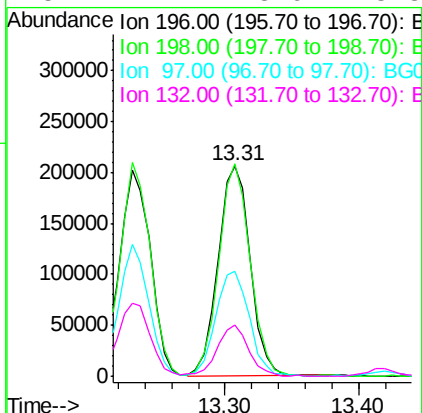
Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 34.44 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

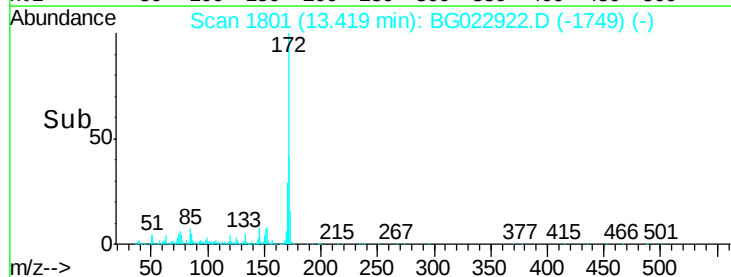
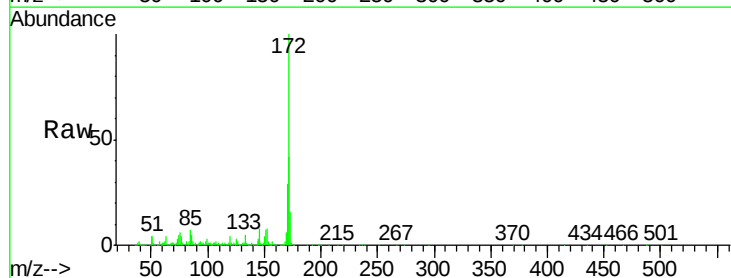
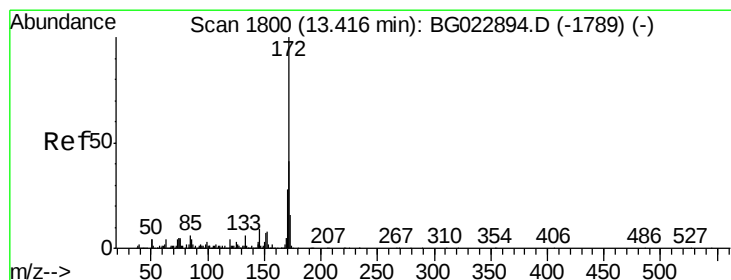
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	101.2	85.7	128.5		
97	49.9	45.5	68.3		
132	24.4	18.9	28.3		



Instrument :
BNA_G
ClientSampleId :
B-2MSD

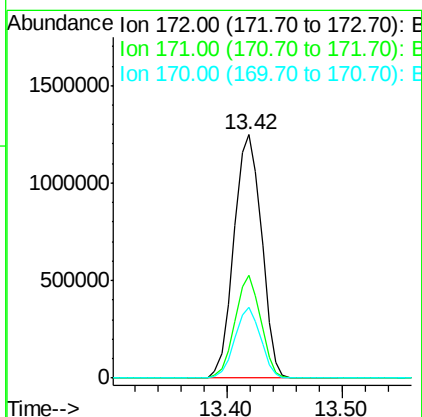
Manual Integrations

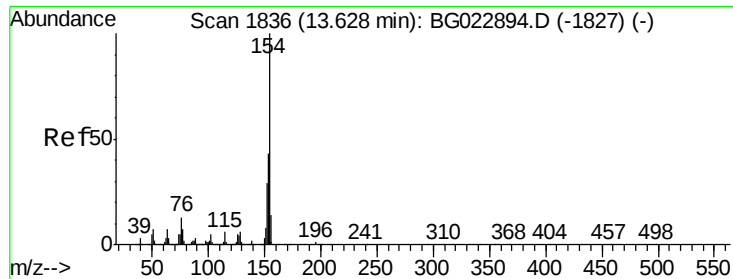
sohil
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#44
2-Fluorobiphenyl
Concen: 81.77 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	42.2	31.6	47.4		
170	29.0	21.3	31.9		





#45

1,1'-Biphenyl

Concen: 31.62 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

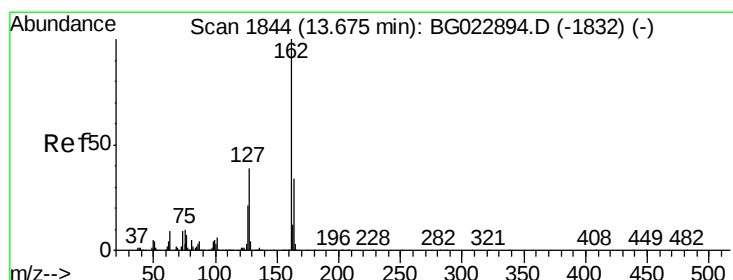
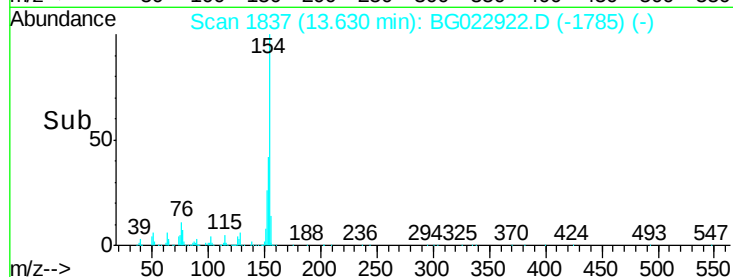
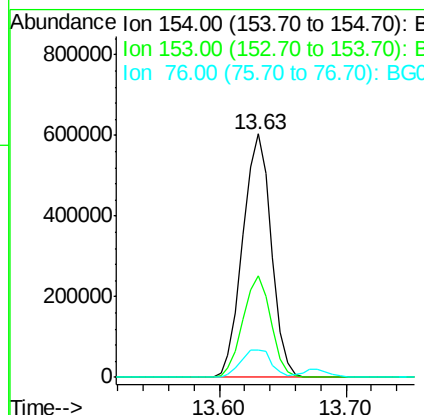
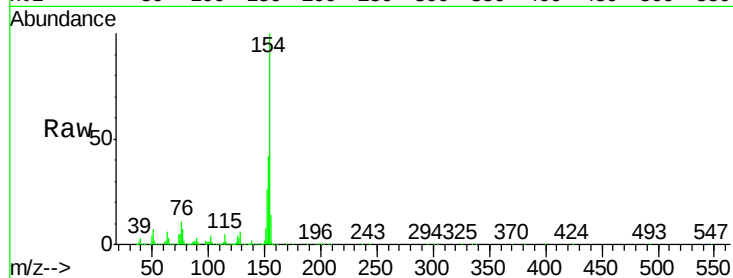
B-2MSD

Tot Ion:	154	Resp:	942383
Ion Ratio	Lower	Upper	
154	100		
153	41.6	20.2	60.2
76	11.4	0.0	32.9

Manual Integrations

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#46

2-Chloronaphthalene

Concen: 31.42 ng

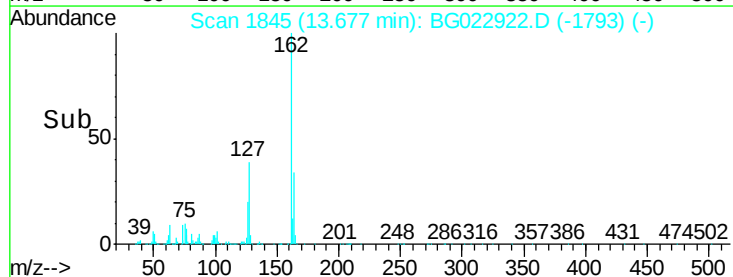
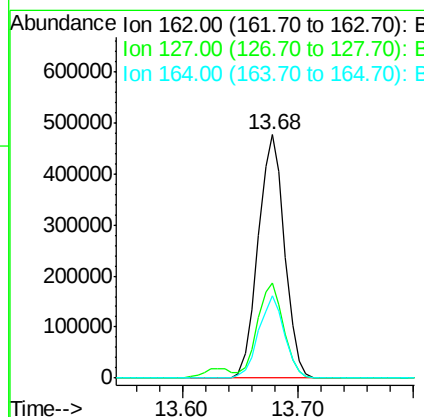
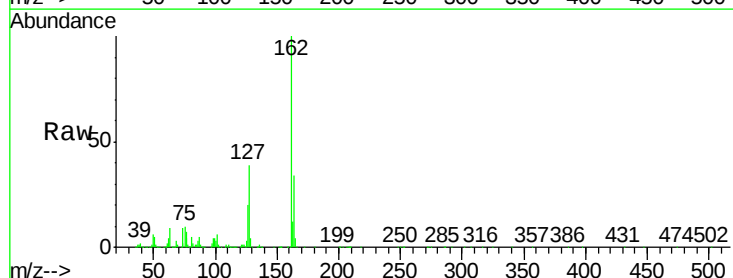
RT: 13.68 min Scan# 1845

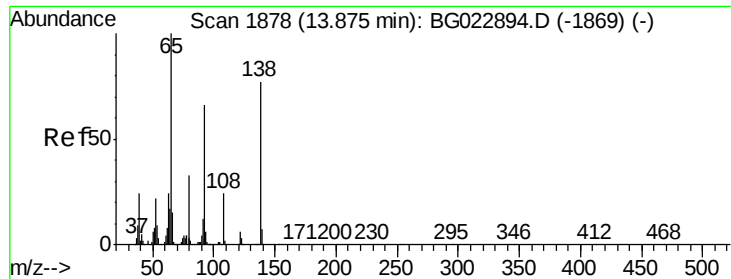
Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion:	162	Resp:	759712
Ion Ratio	Lower	Upper	
162	100		
127	39.2	32.4	48.6
164	33.7	25.2	37.8





#47

2-Nitroaniline

Concen: 31.64 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

B-2MSD

Tot Ion: 65 Resp: 326376

Ion Ratio Lower Upper

65 100

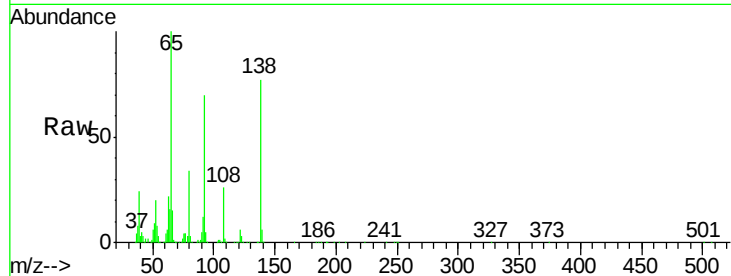
92 69.9 49.4 74.0

138 76.6 58.0 87.0

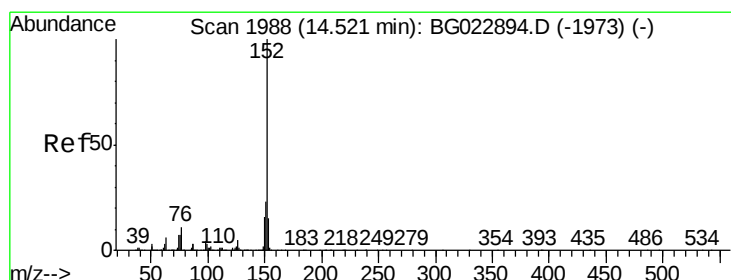
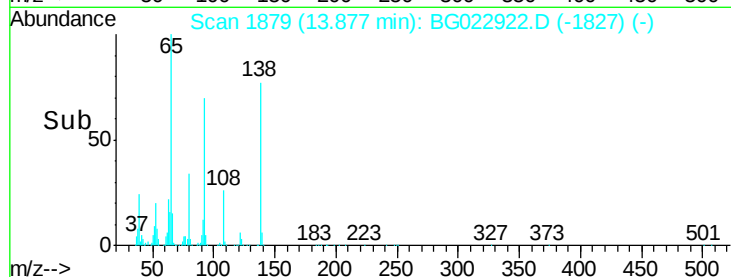
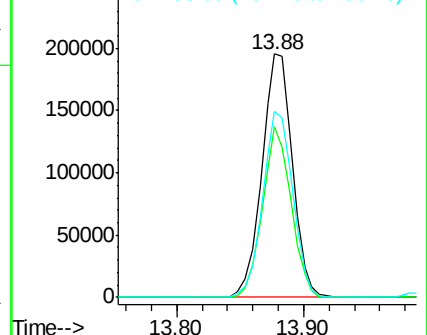
Manual Integrations

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



#48

Acenaphthylene

Concen: 32.09 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

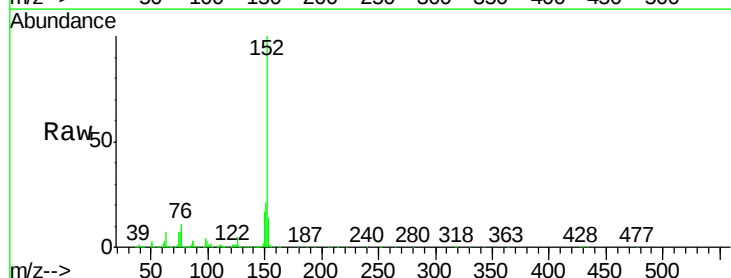
Tgt Ion: 152 Resp: 1163911

Ion Ratio Lower Upper

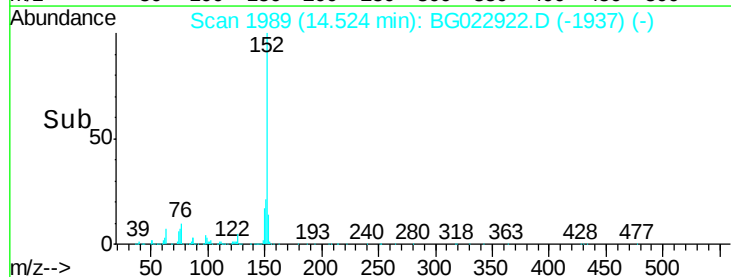
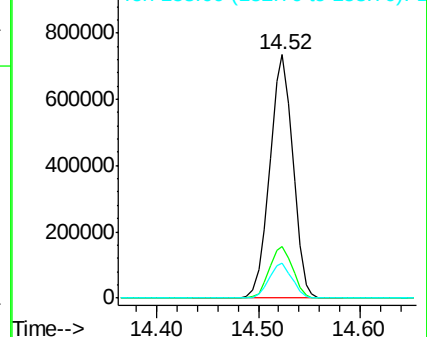
152 100

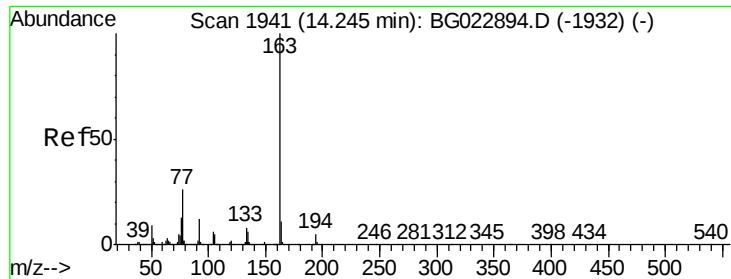
151 21.0 17.6 26.4

153 14.1 11.4 17.2



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





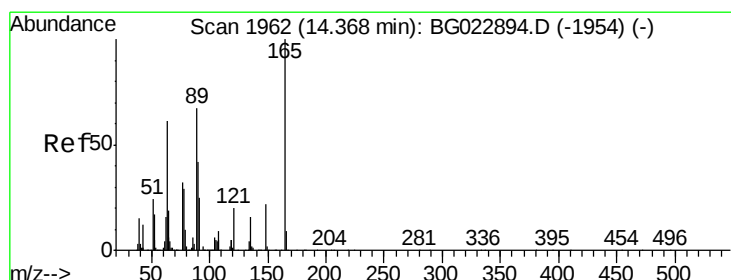
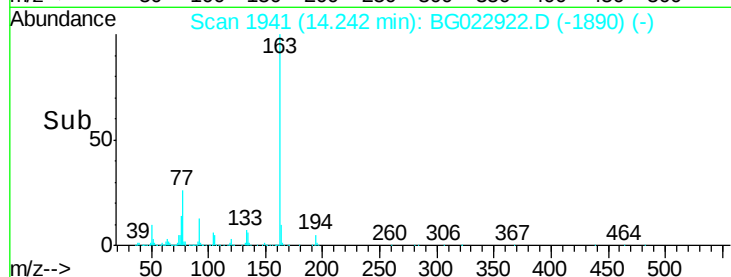
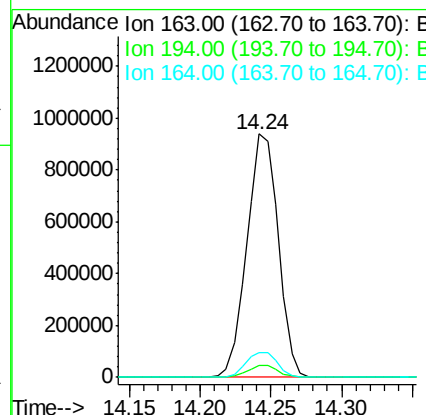
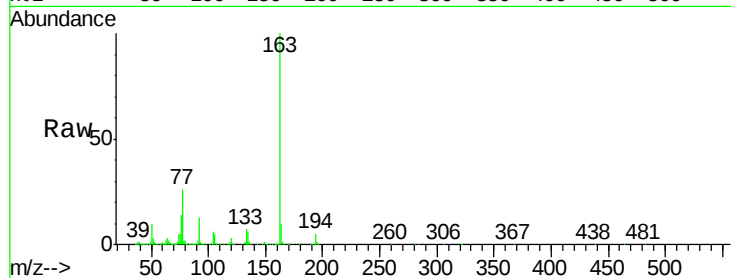
#49
Dimethylphthalate
Concen: 45.08 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion:163 Resp: 1462825
Ion Ratio Lower Upper
163 100
194 5.1 3.6 5.4
164 10.4 8.1 12.1

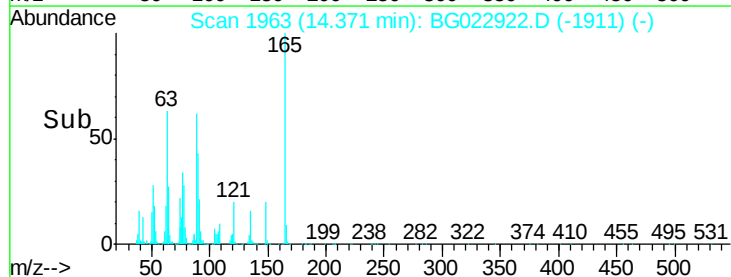
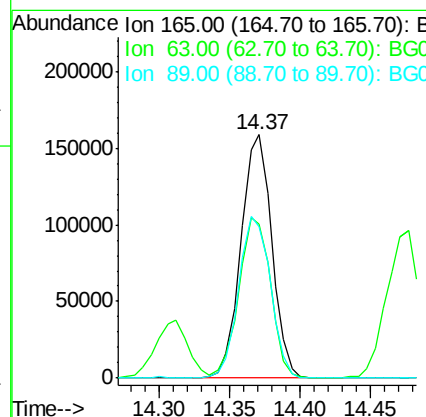
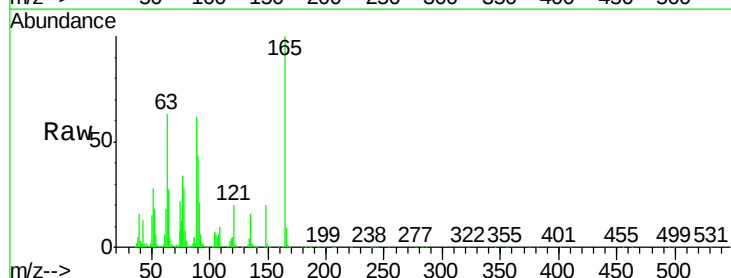
Manual Integrations

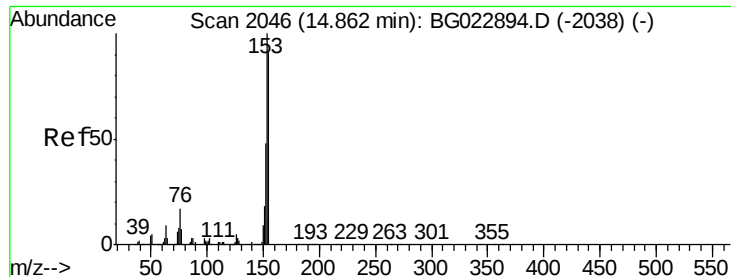
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#50
2,6-Dinitrotoluene
Concen: 33.24 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion:165 Resp: 242420
Ion Ratio Lower Upper
165 100
63 63.3 64.3 96.5#
89 62.3 64.3 96.5#





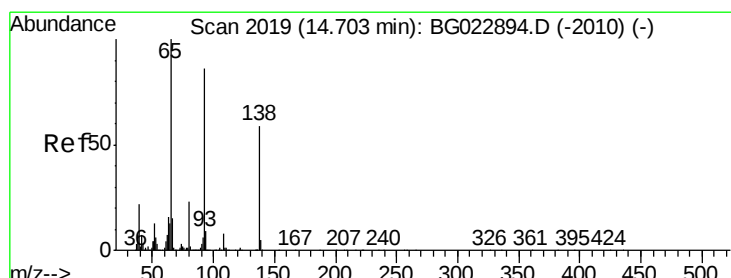
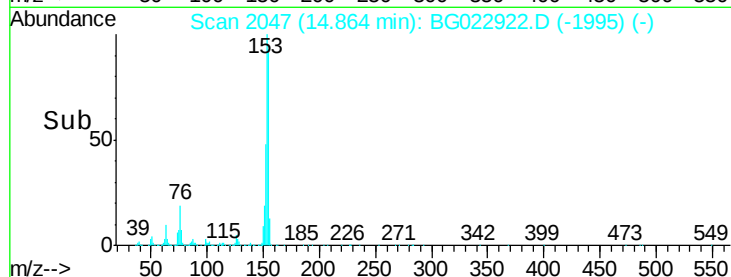
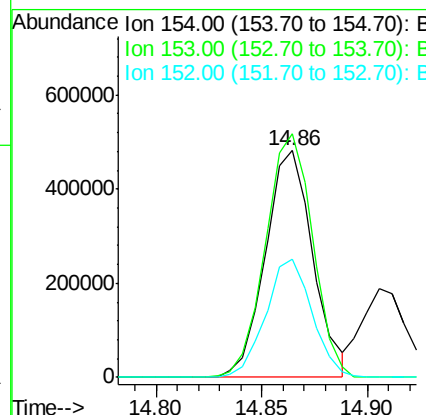
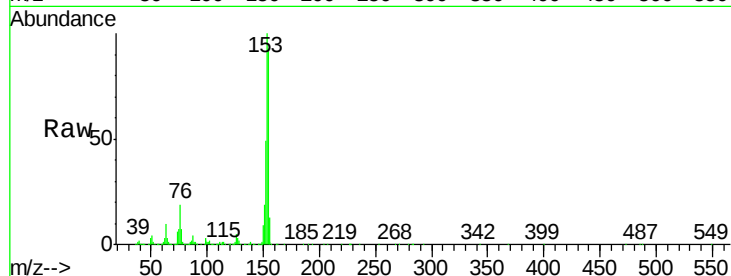
#51
Acenaphthene
Concen: 31.71 ng
RT: 14.86 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	107.5	87.5	131.3
152	52.4	42.7	64.1

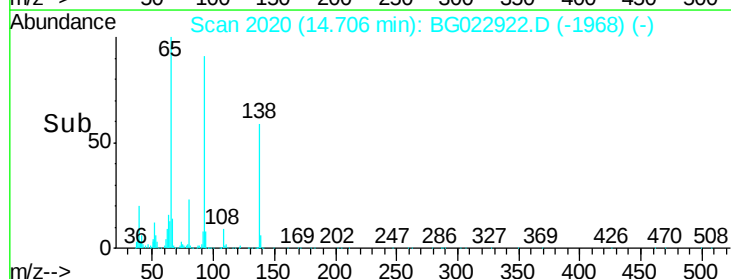
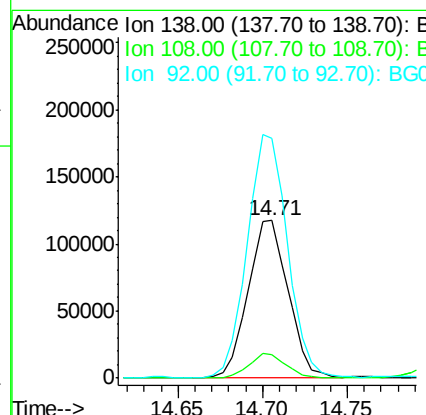
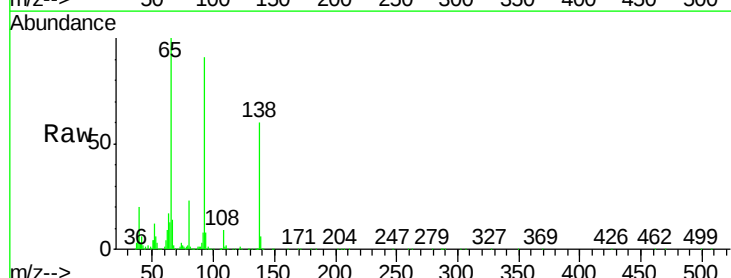
Manual Integrations

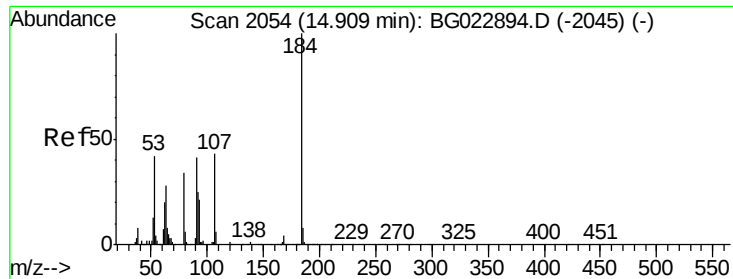
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#52
3-Nitroaniline
Concen: 26.71 ng
RT: 14.71 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.9	11.7	17.5
92	152.1	129.7	194.5





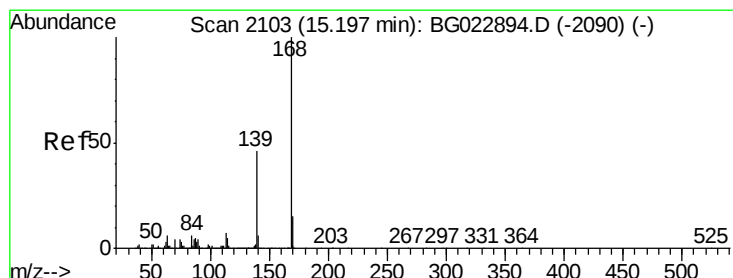
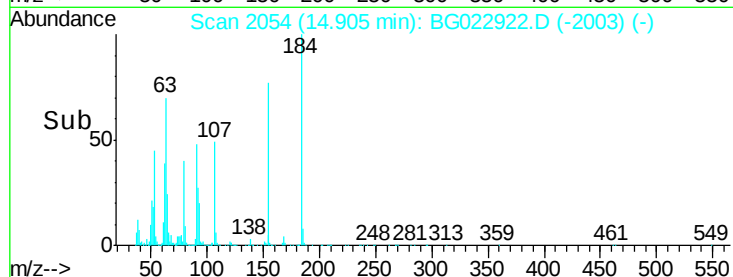
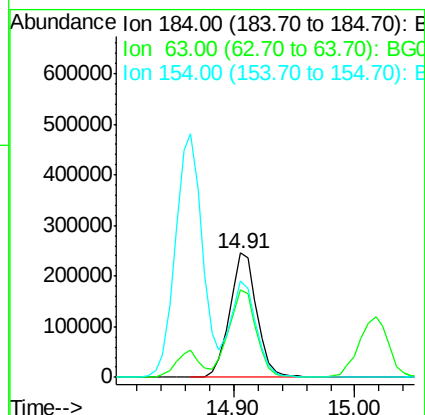
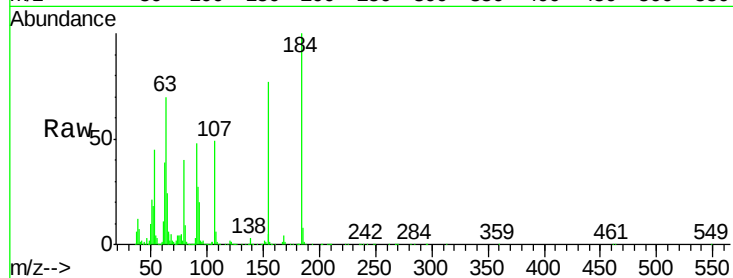
#53
2,4-Dinitrophenol
Concen: 76.79 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion:184 Resp: 384194
Ion Ratio Lower Upper
184 100
63 69.9 59.6 89.4
154 77.2 67.4 101.0

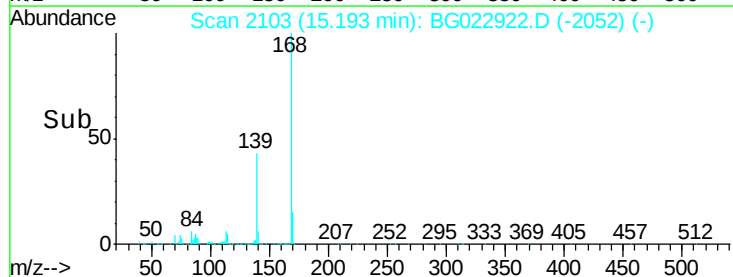
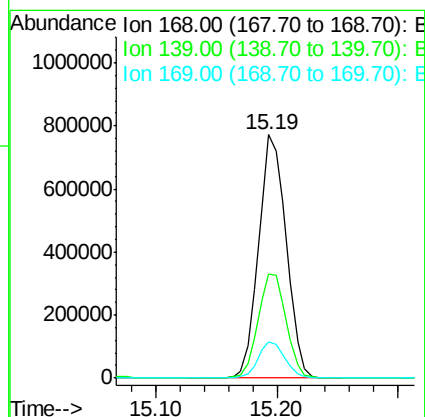
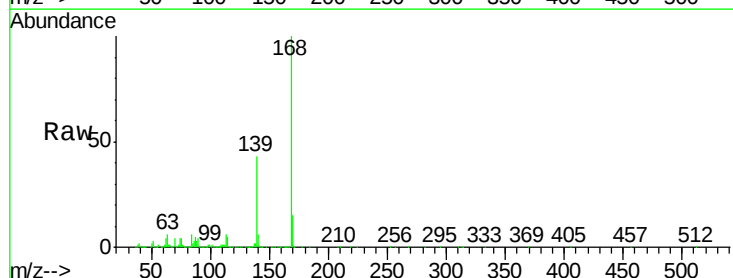
Manual Integrations

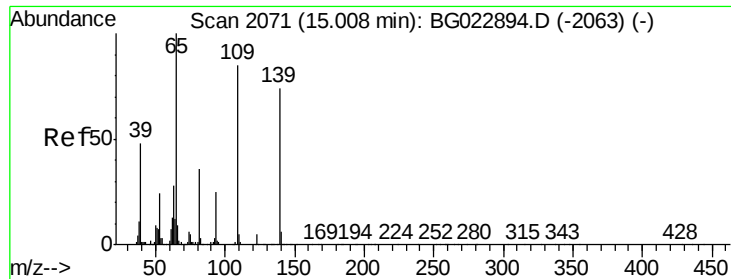
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#54
Dibenzofuran
Concen: 34.41 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion:168 Resp: 1220618
Ion Ratio Lower Upper
168 100
139 42.8 36.4 54.6
169 14.8 11.9 17.9





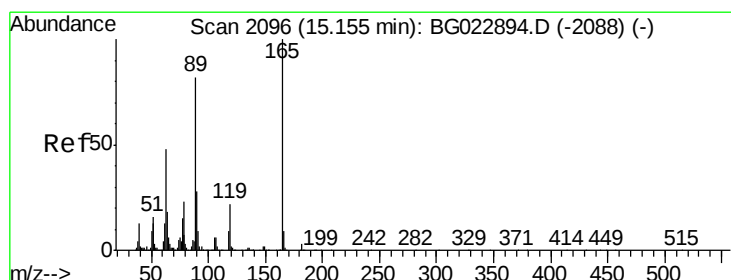
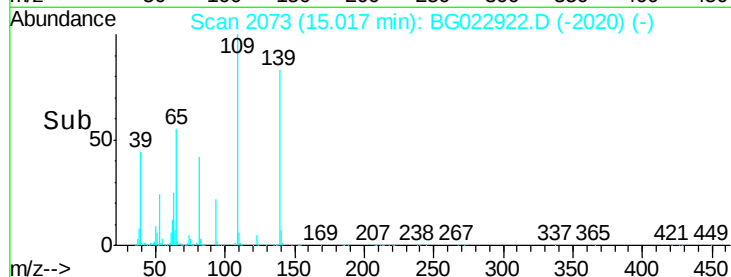
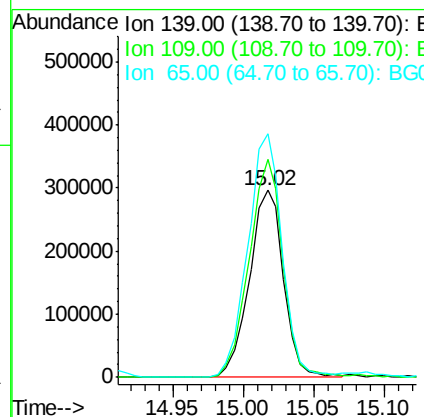
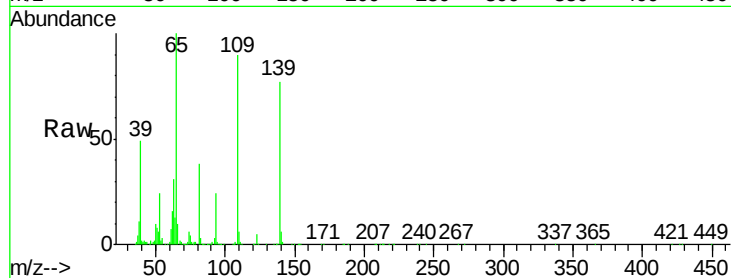
#55
4-Nitrophenol
Concen: 82.55 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	116.7	103.0	143.0
65	130.2	112.7	152.7

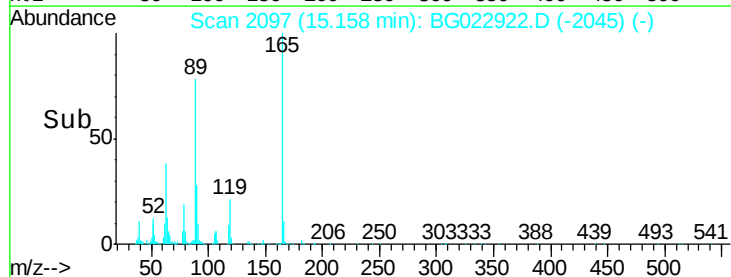
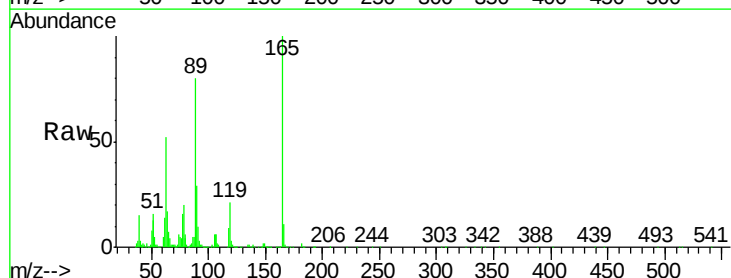
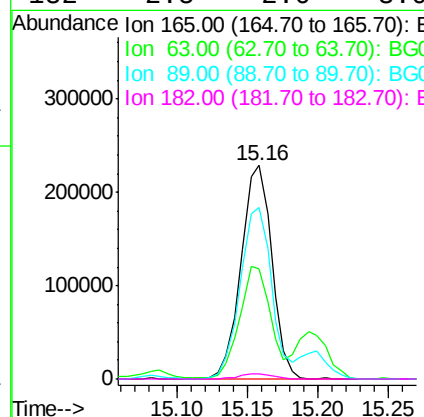
Manual Integrations

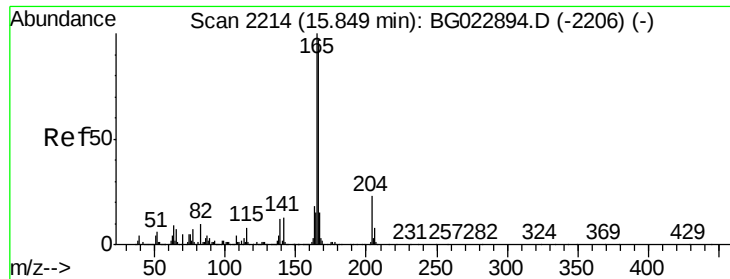
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#56
2,4-Dinitrotoluene
Concen: 32.85 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.7	45.8	68.6
89	80.0	68.6	102.8
182	2.5	2.0	3.0





#57

Fluorene

Concen: 32.72 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

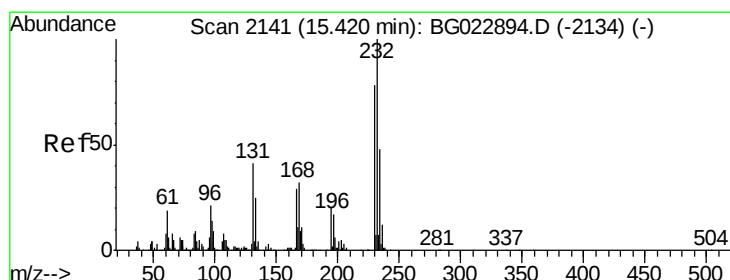
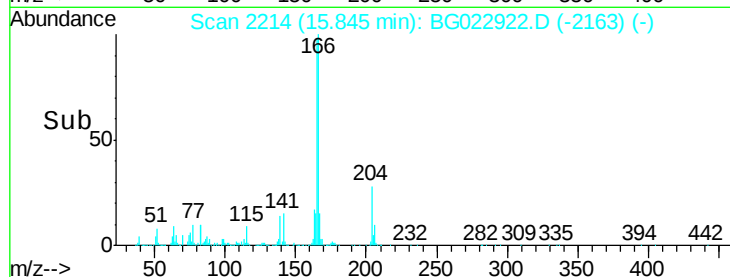
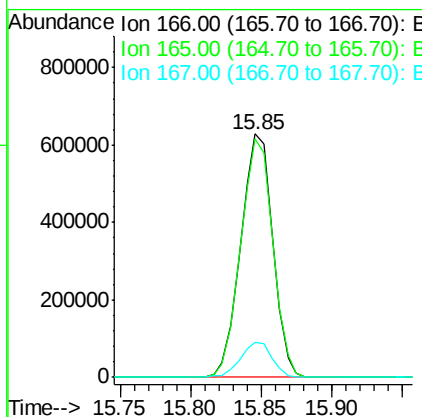
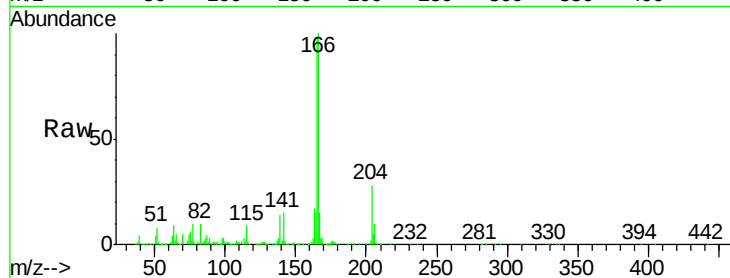
B-2MSD

Tot Ion:	166	Resp:	999052
Ion Ratio	Lower	Upper	
166	100		
165	98.0	81.0	121.6
167	14.5	12.0	18.0

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.34 ng m

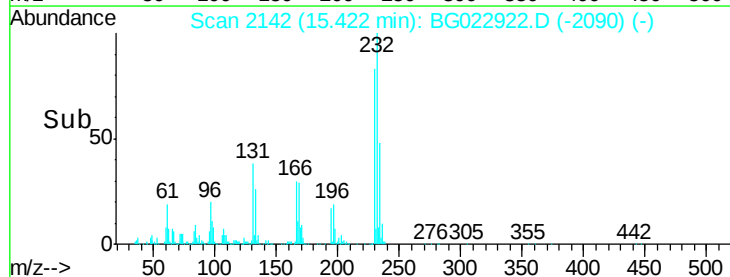
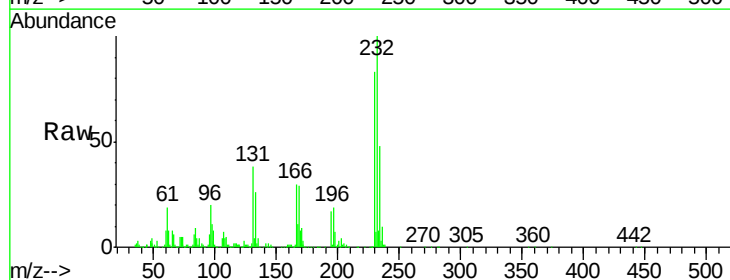
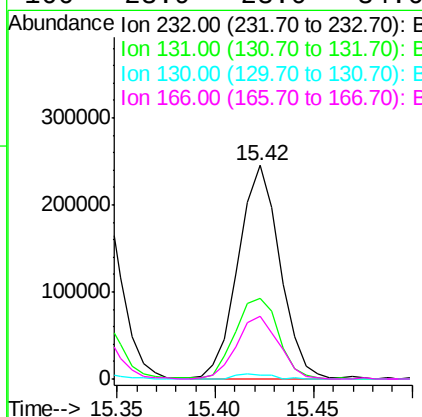
RT: 15.42 min Scan# 2142

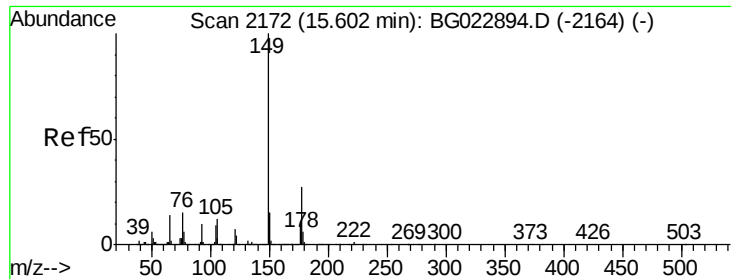
Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion:	232	Resp:	357247
Ion Ratio	Lower	Upper	
232	100		
131	35.0	32.7	49.1
130	2.8	2.6	3.8
166	23.9	23.0	34.6





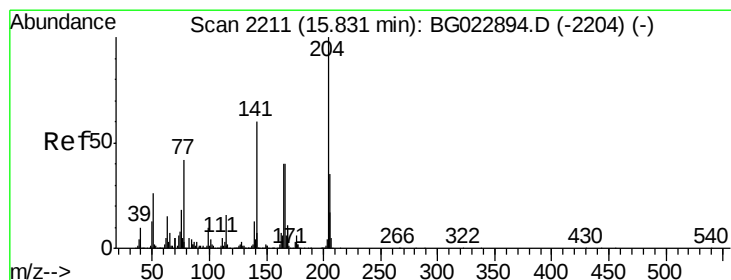
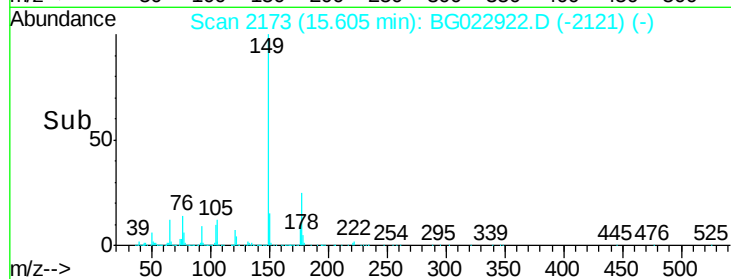
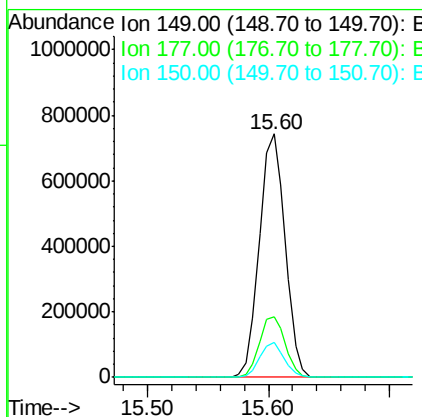
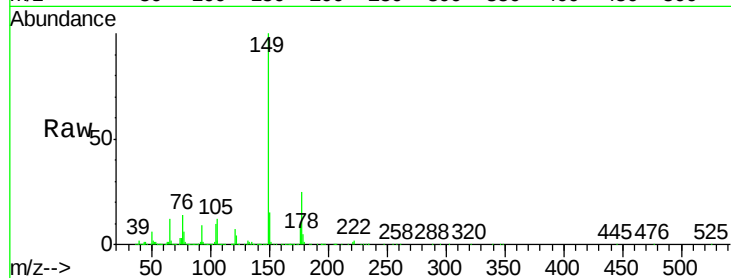
#59
Diethylphthalate
Concen: 33.25 ng
RT: 15.60 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampled :
B-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	19.2	28.8
150	14.5	10.6	16.0

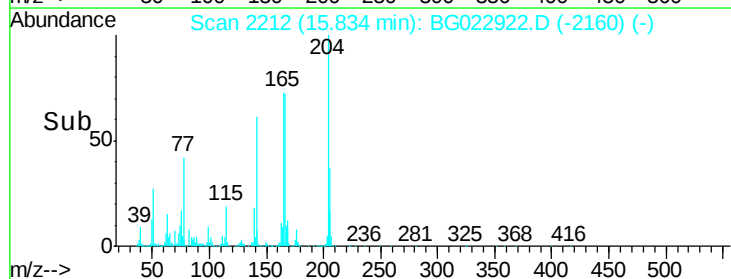
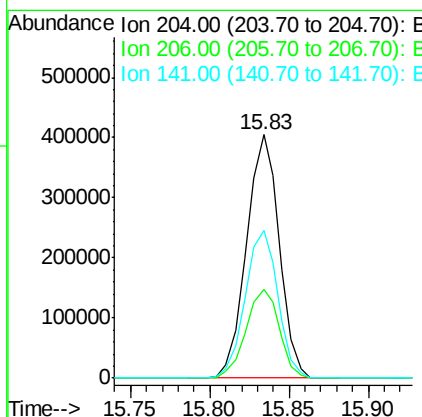
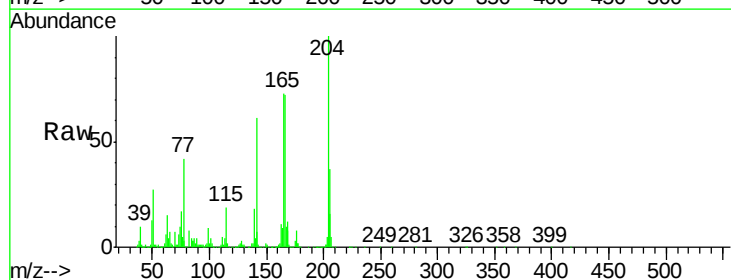
Manual Integrations

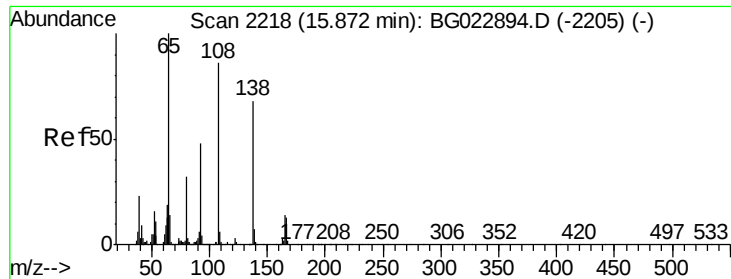
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#60
4-Chlorophenyl-phenylether
Concen: 31.08 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.5	28.5	42.7
141	60.5	51.4	77.0





#61

4-Nitroaniline

Concen: 29.04 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampled :

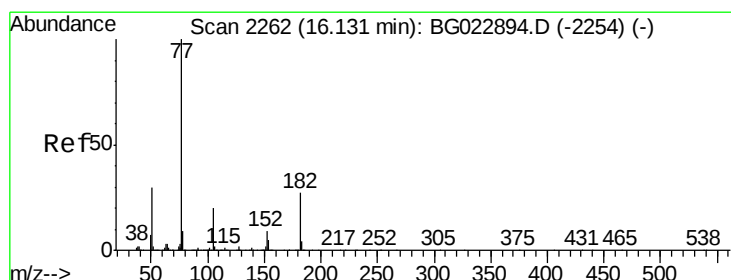
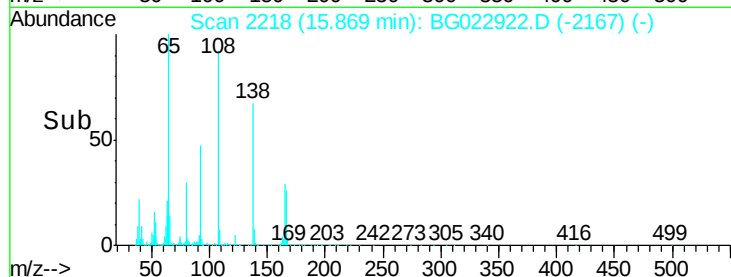
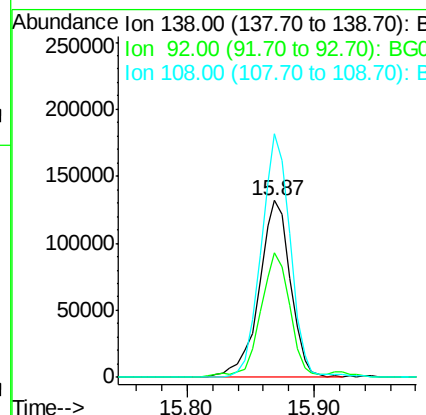
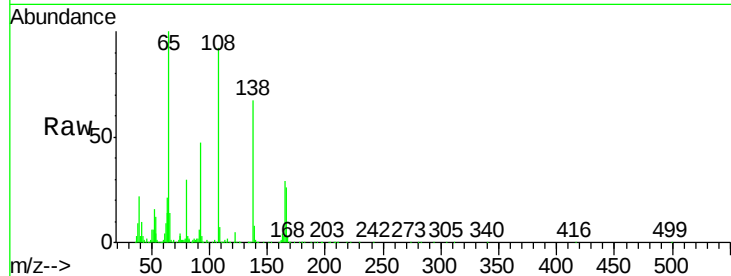
B-2MSD

Tot Ion:	138	Resp:	228450
Ion Ratio	Lower	Upper	
138	100		
92	70.5	54.1	94.1
108	137.9	133.9	173.9

Manual Integrations

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#62

Azobenzene

Concen: 35.95 ng

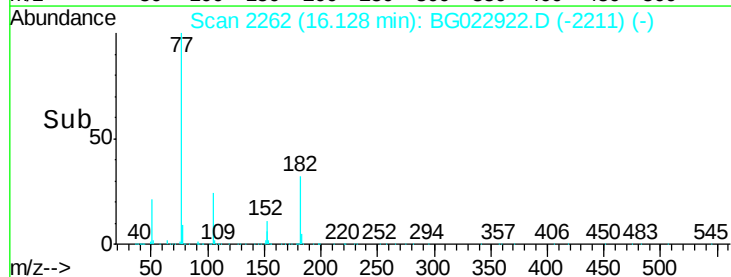
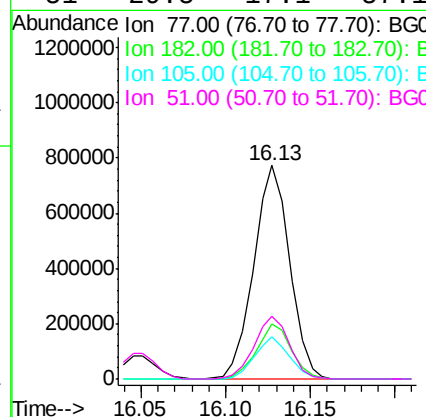
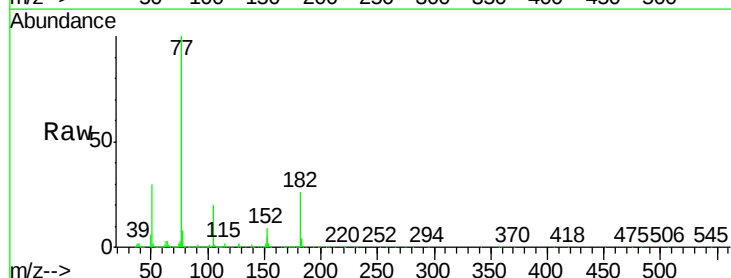
RT: 16.13 min Scan# 2262

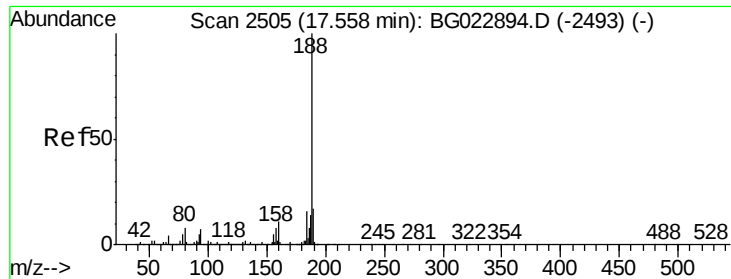
Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion:	77	Resp:	1135089
Ion Ratio	Lower	Upper	
77	100		
182	25.6	3.5	43.5
105	19.7	0.0	38.5
51	29.5	17.1	57.1





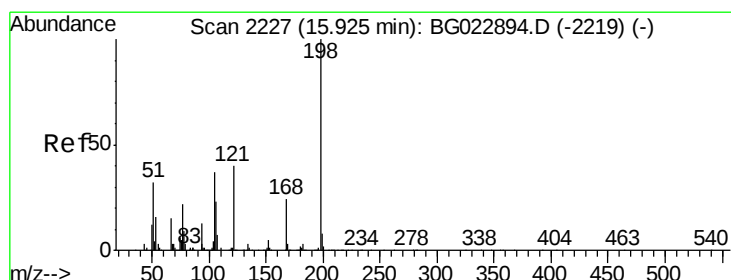
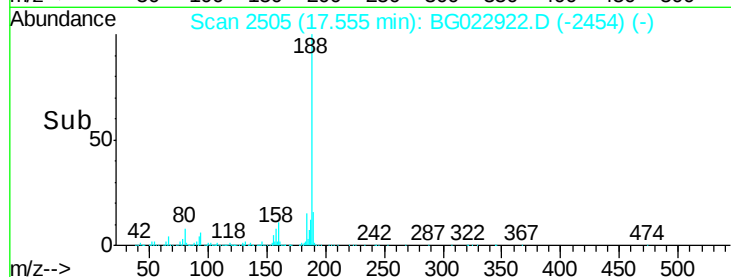
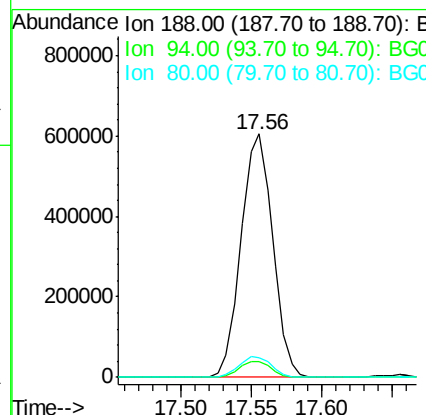
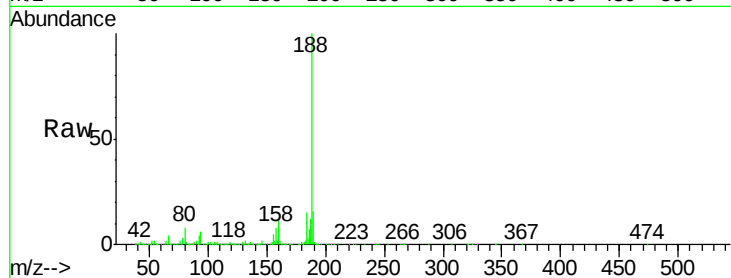
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	948891		
94	6.2		5.2	7.8
80	8.2		7.2	10.8

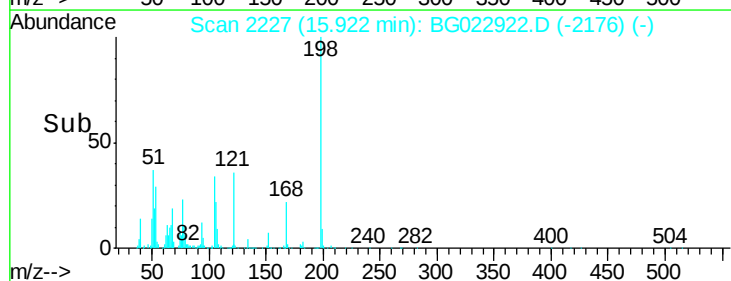
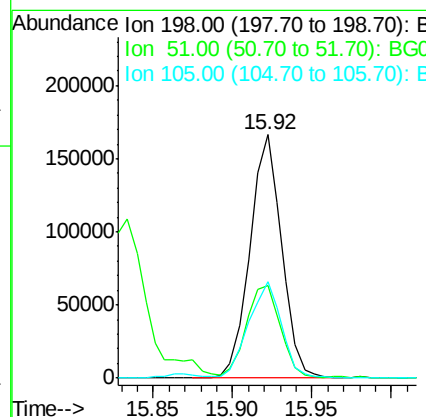
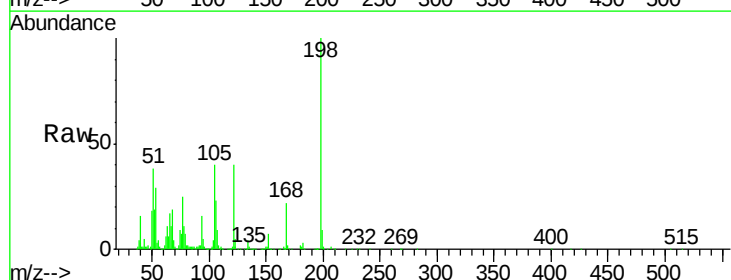
Manual Integrations

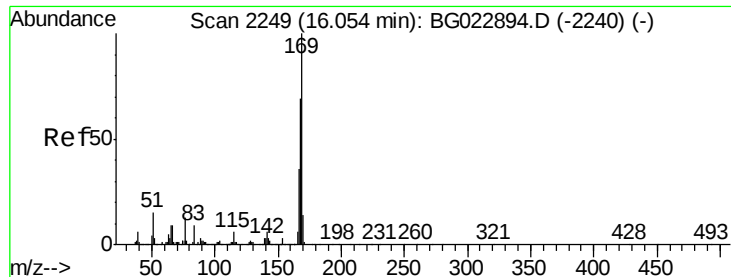
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.76 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	231046		
51	37.8		26.0	66.0
105	39.7		20.1	60.1





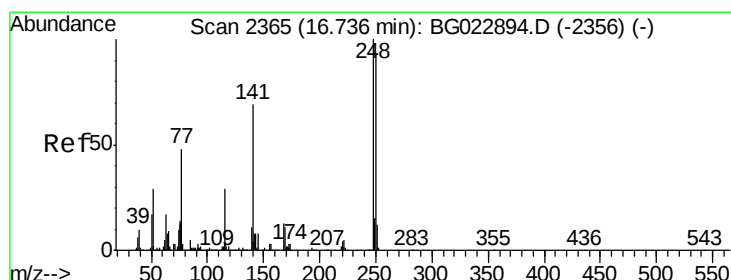
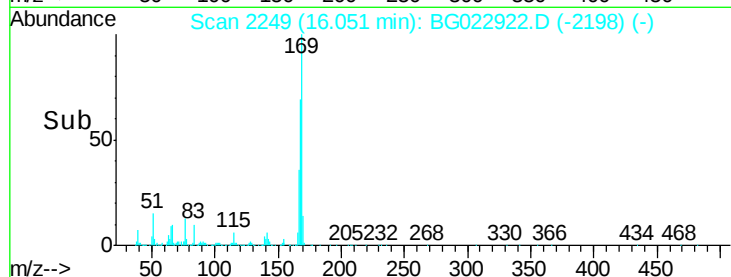
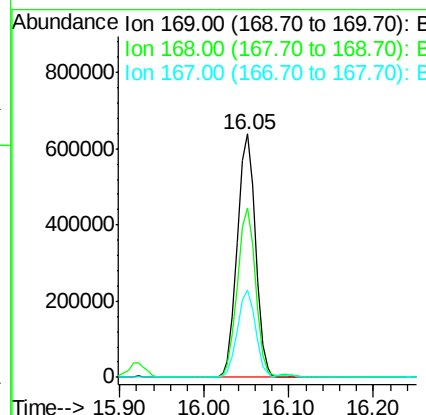
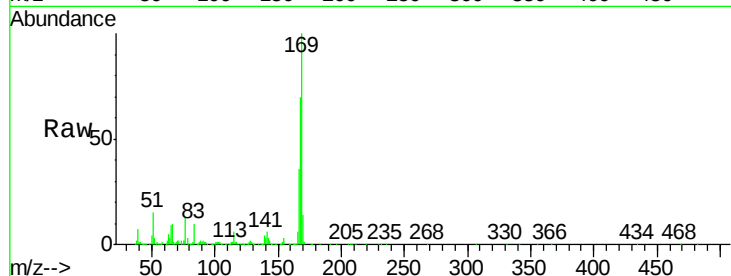
#65
n-Nitrosodiphenylamine
Concen: 34.21 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.0	82.4
167	35.7	27.4	41.0

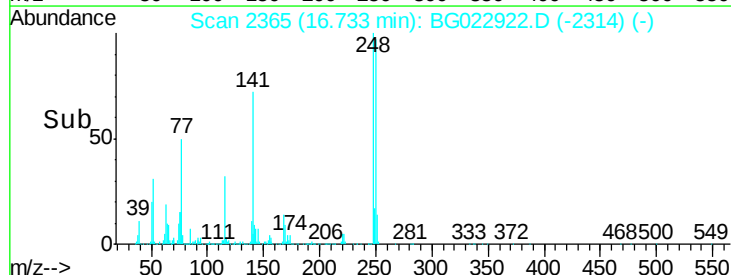
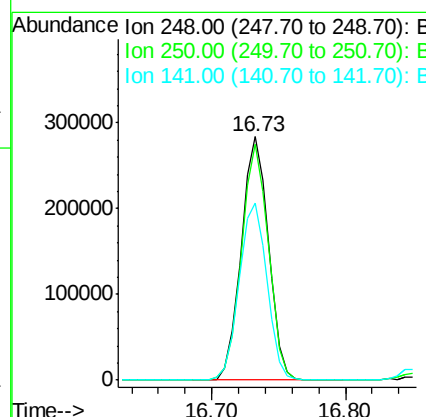
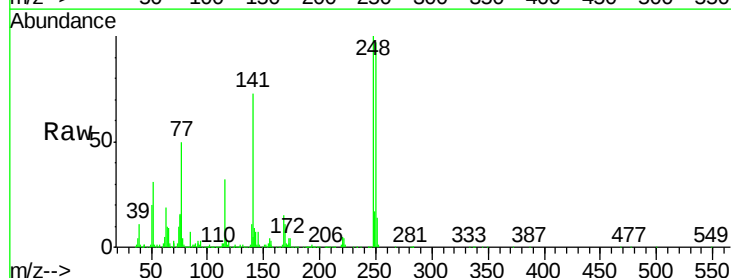
Manual Integrations

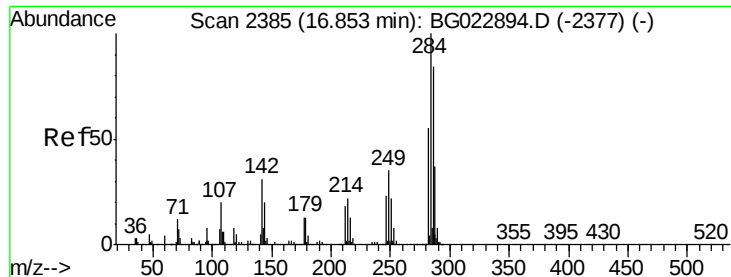
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#66
4-Bromophenyl-phenylether
Concen: 32.43 ng
RT: 16.73 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.8
141	72.7	65.7	98.5





#67

Hexachlorobenzene

Concen: 31.40 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

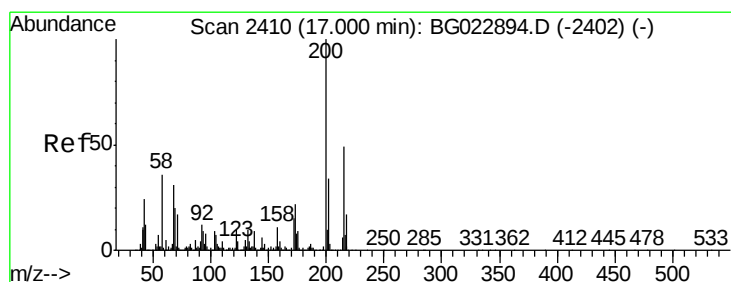
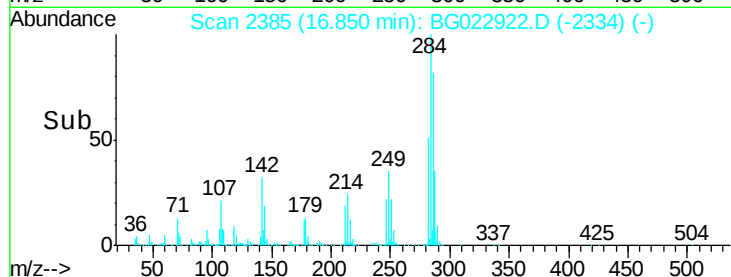
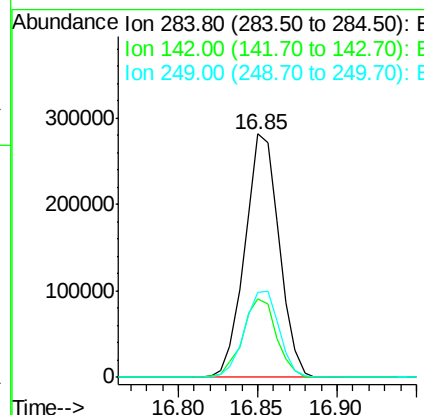
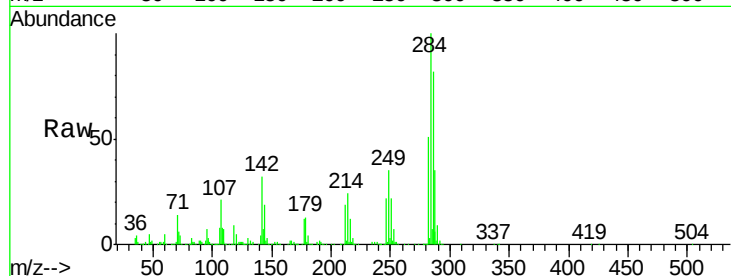
B-2MSD

Tot Ion:	284	Resp:	421467
Ion Ratio	Lower	Upper	
284	100		
142	32.0	26.8	40.2
249	35.0	28.9	43.3

Manual Integrations

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#68

Atrazine

Concen: 32.09 ng

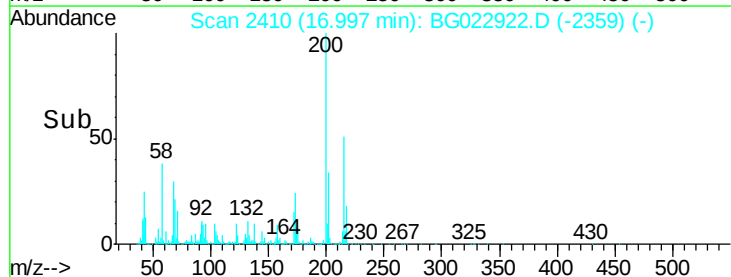
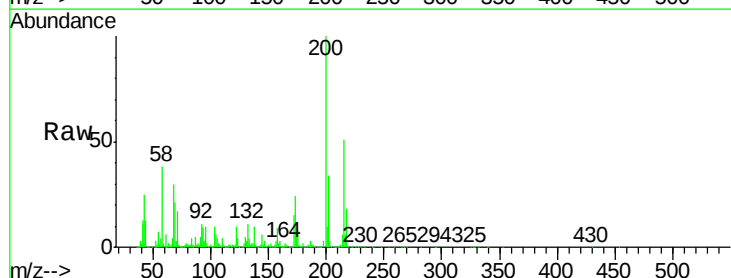
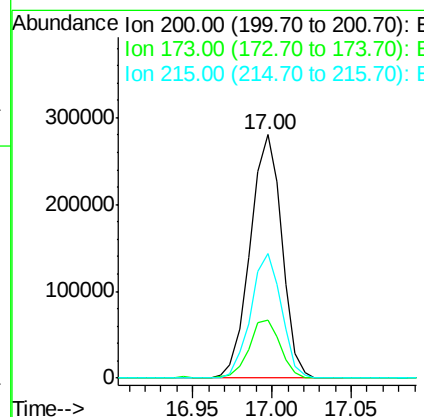
RT: 17.00 min Scan# 2410

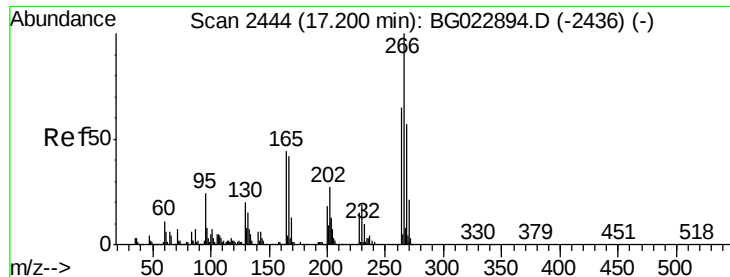
Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion:	200	Resp:	389144
Ion Ratio	Lower	Upper	
200	100		
173	23.6	1.6	41.6
215	51.2	28.7	68.7





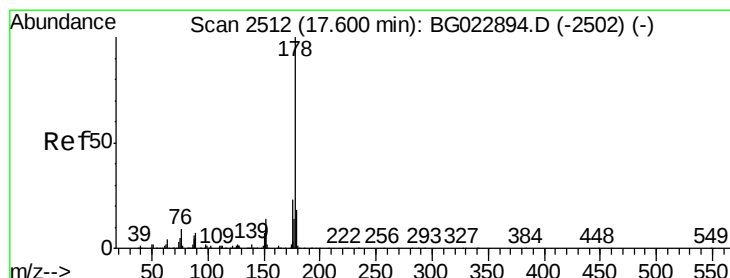
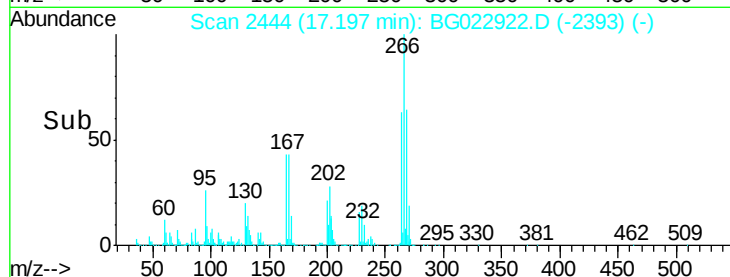
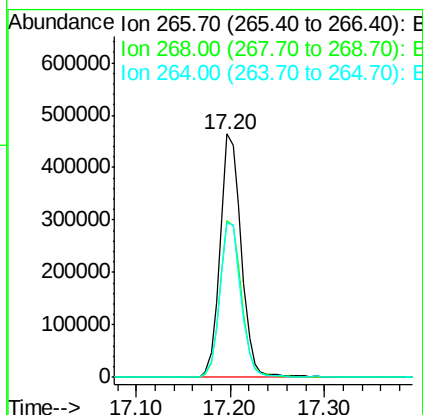
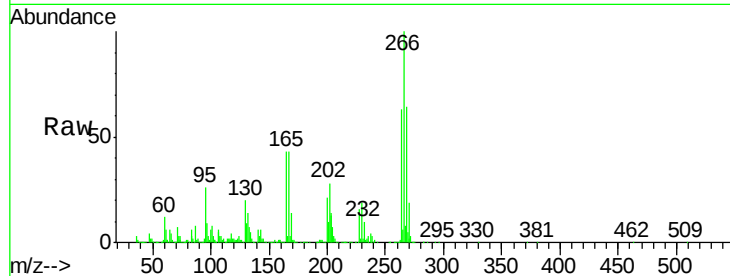
#69
 Pentachlorophenol
 Concen: 84.15 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Instrument :
 BNA_G
 ClientSampleId :
 B-2MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.9	77.9
264	63.3	50.6	75.8

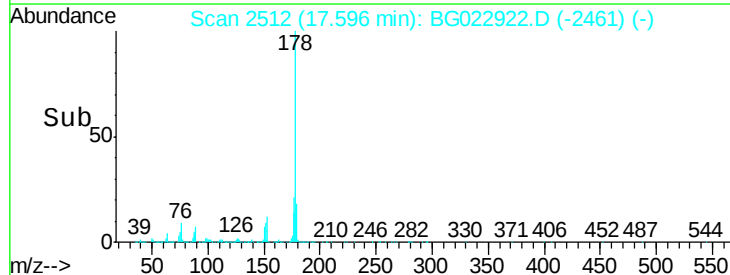
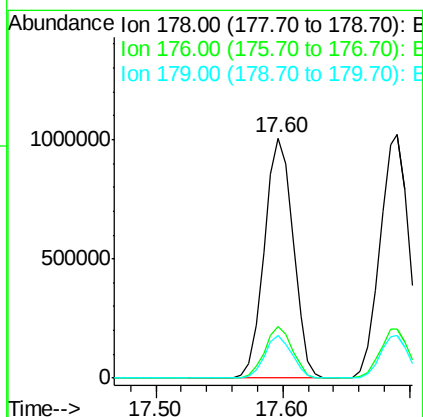
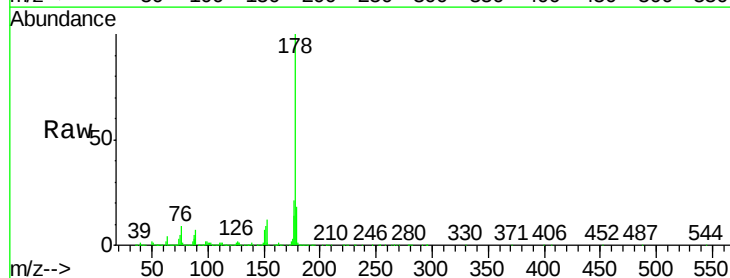
Manual Integrations

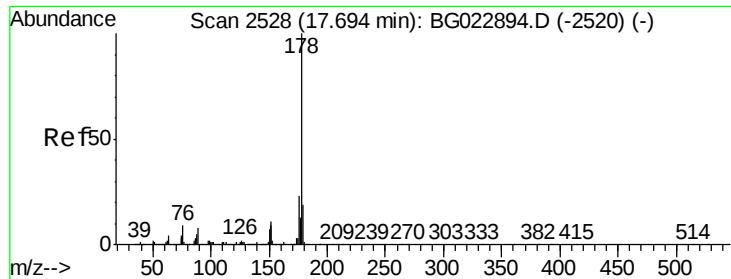
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#70
 Phenanthrene
 Concen: 34.25 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.8	25.2
179	17.9	14.3	21.5





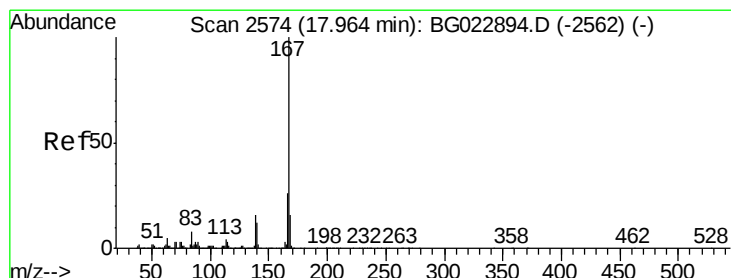
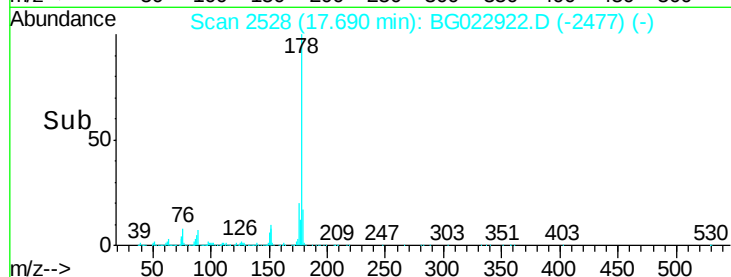
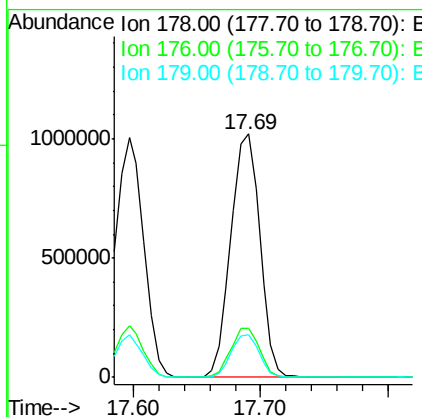
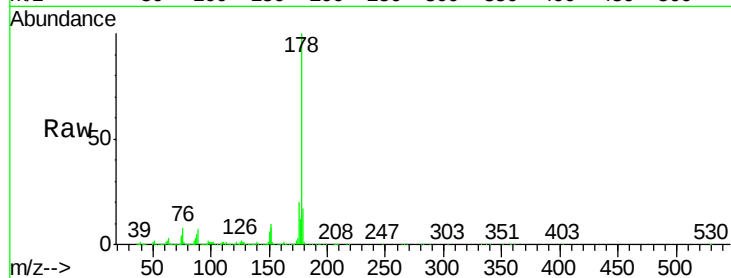
#71
 Anthracene
 Concen: 34.31 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Instrument :
 BNA_G
 ClientSampleId :
 B-2MSD

Tot Ion:178 Resp: 1615414
 Ion Ratio Lower Upper
 178 100
 176 20.4 17.3 25.9
 179 17.3 14.0 21.0

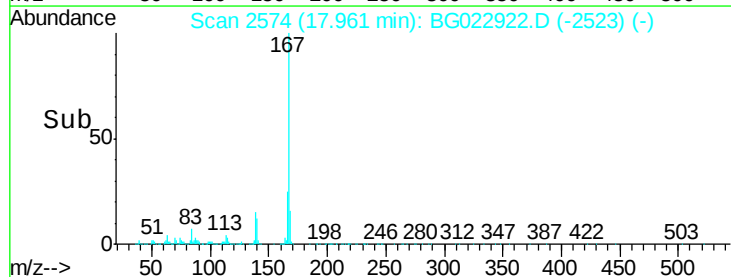
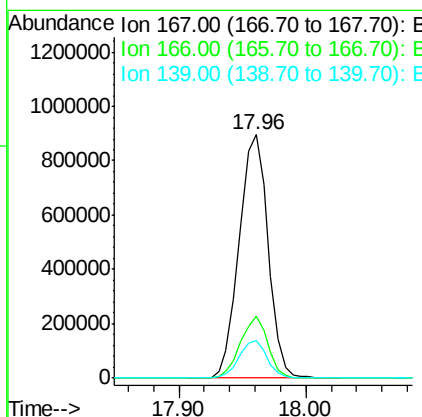
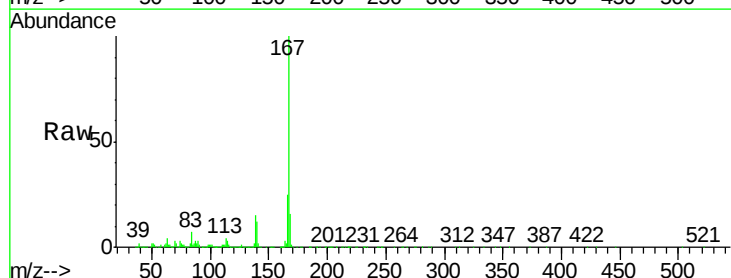
Manual Integrations

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#72
 Carbazole
 Concen: 34.82 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Tgt Ion:167 Resp: 1416540
 Ion Ratio Lower Upper
 167 100
 166 25.4 20.7 31.1
 139 15.3 11.9 17.9





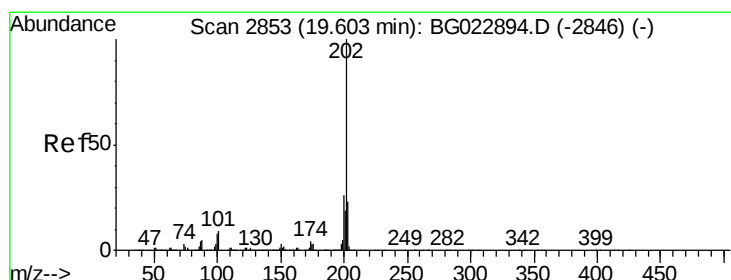
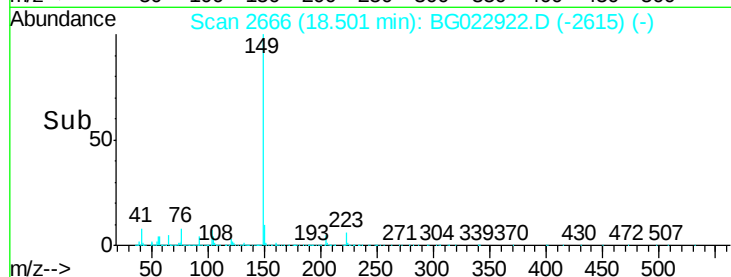
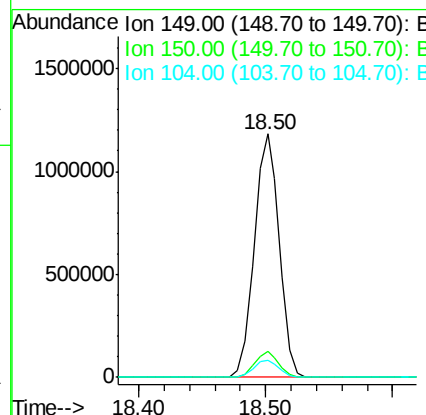
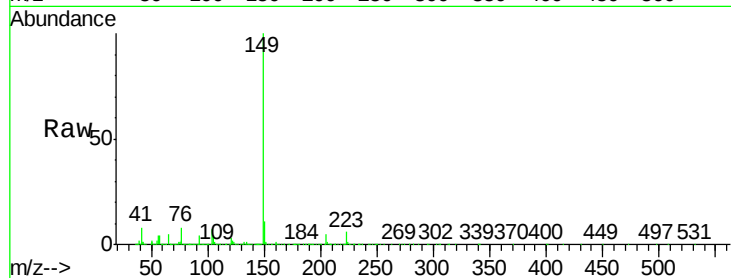
#73
Di-n-butylphthalate
Concen: 35.52 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion:149 Resp: 1607137
Ion Ratio Lower Upper
149 100
150 10.5 9.1 13.7
104 7.1 6.9 10.3

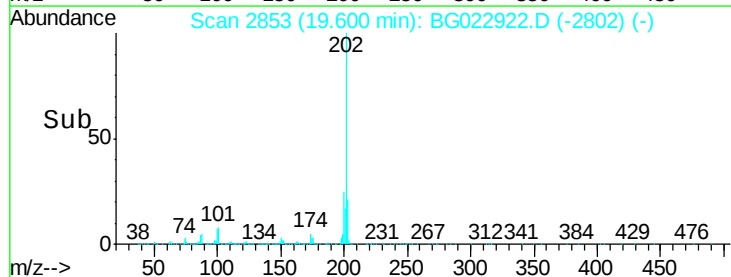
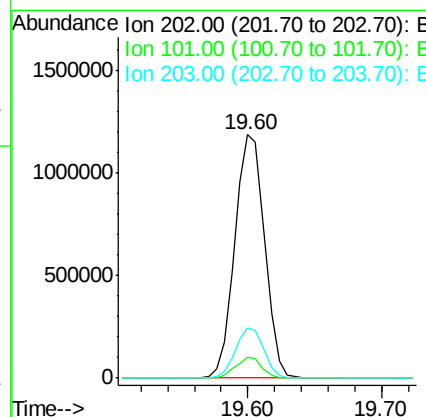
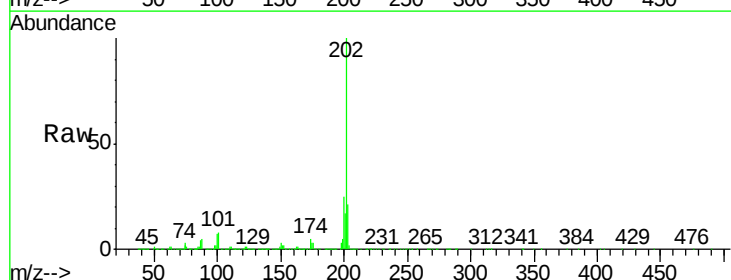
Manual Integrations

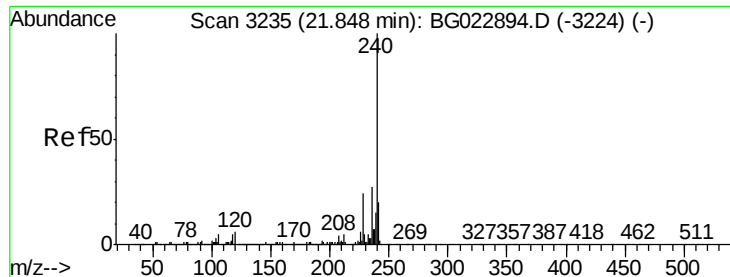
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#74
Fluoranthene
Concen: 32.25 ng
RT: 19.60 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion:202 Resp: 1840375
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.4
203 20.8 1.7 41.7





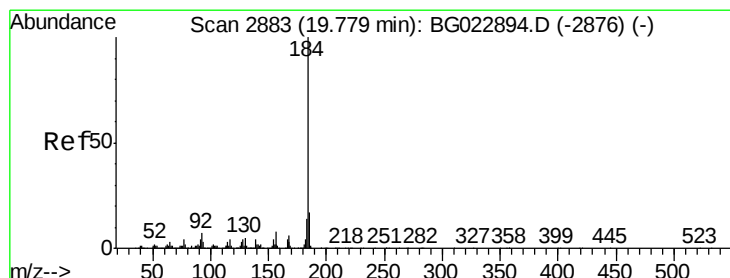
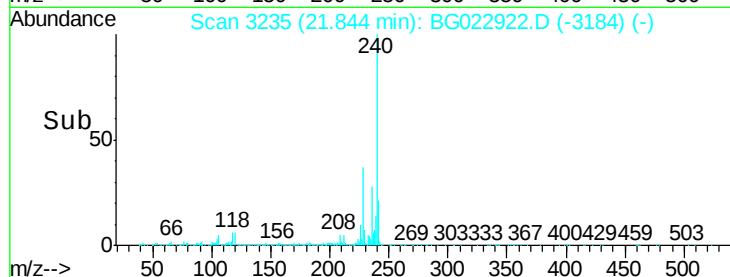
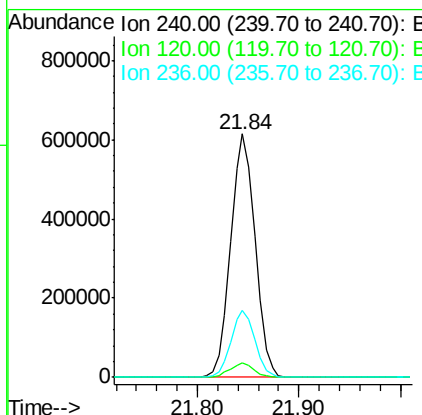
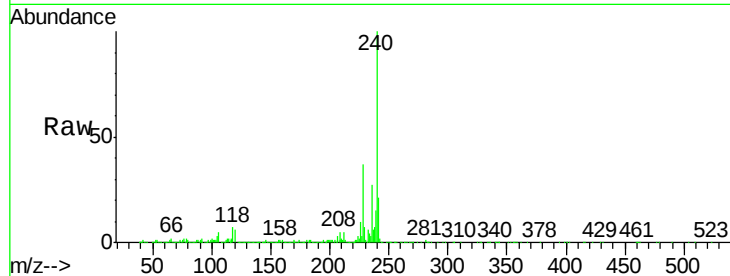
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion:240 Resp: 1029274
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 27.5 21.1 31.7

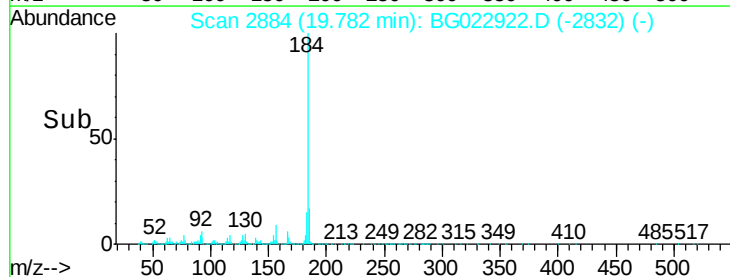
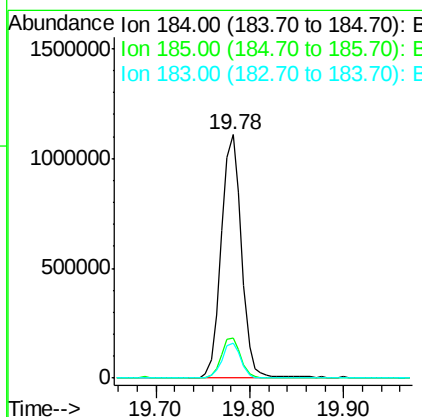
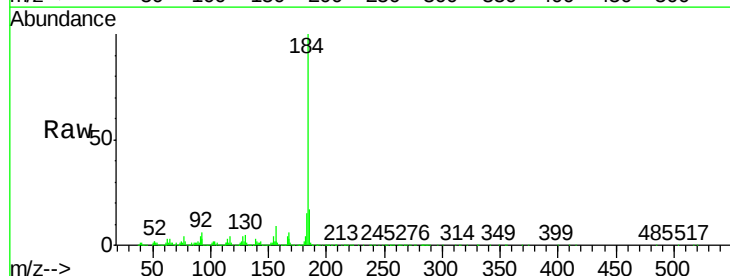
Manual Integrations

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#76
Benzidine
Concen: 56.68 ng
RT: 19.78 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion:184 Resp: 1672621
Ion Ratio Lower Upper
184 100
185 16.7 12.6 19.0
183 14.6 10.7 16.1





#77

Pvrene

Concen: 31.99 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

B-2MSD

Tot Ion:202 Resp: 1850037

Ion Ratio Lower Upper

202 100

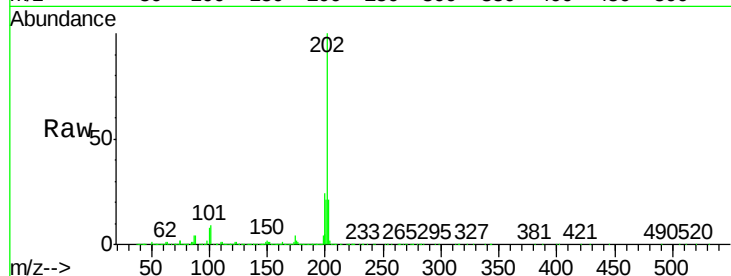
200 24.2 21.2 31.8

203 20.9 16.8 25.2

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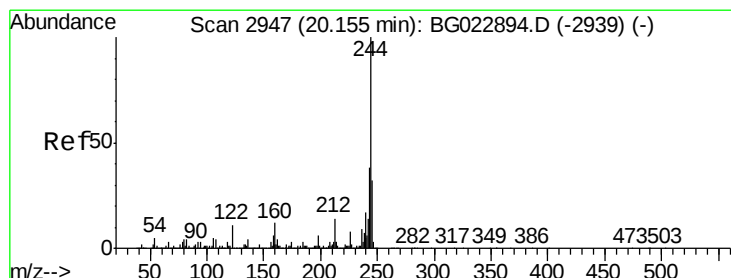
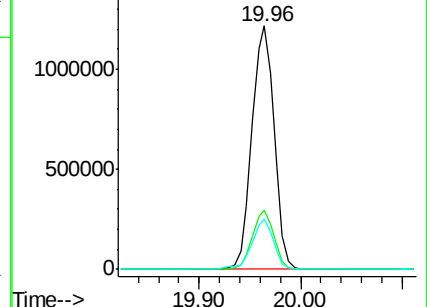
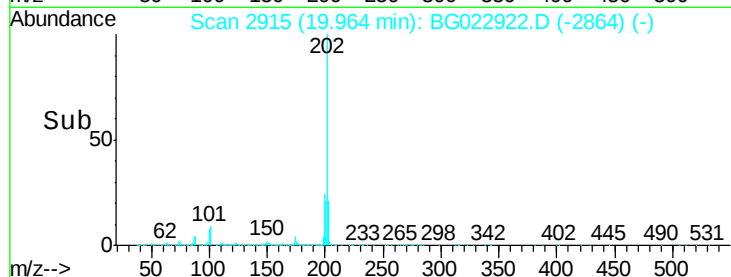
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.73 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

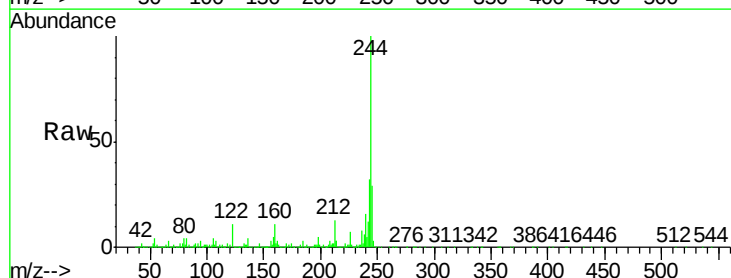
Tgt Ion:244 Resp: 2850978

Ion Ratio Lower Upper

244 100

212 12.6 10.8 16.2

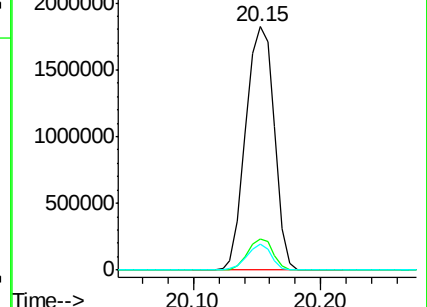
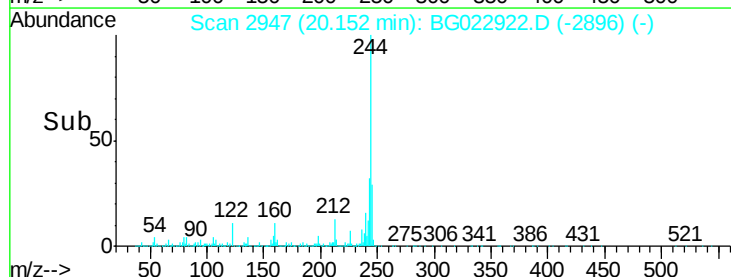
122 10.7 8.0 12.0

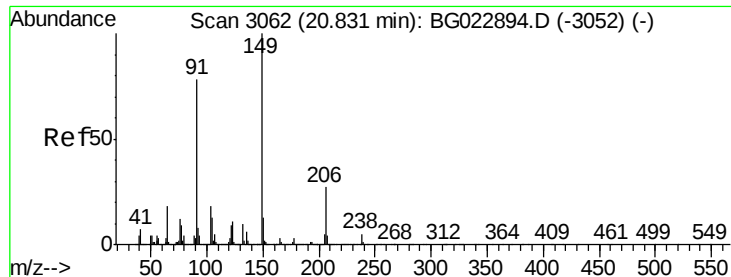


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.85 ng

RT: 20.83 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BG022922.D

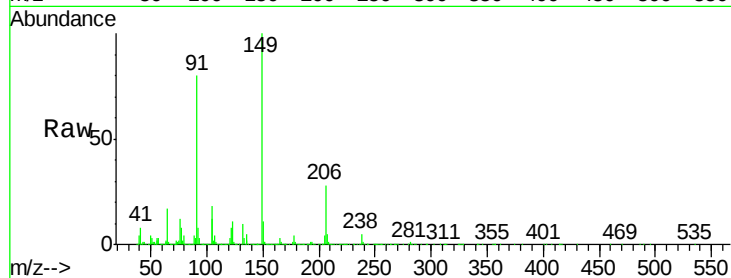
Acq: 8 Jul 2016 8:45

Instrument :

BNA_G

ClientSampleId :

B-2MSD

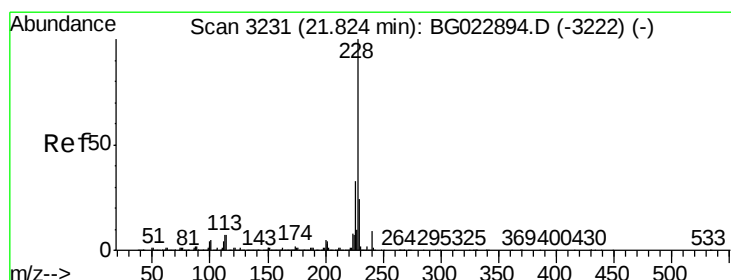
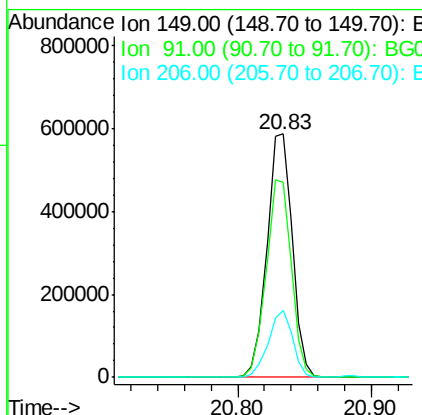
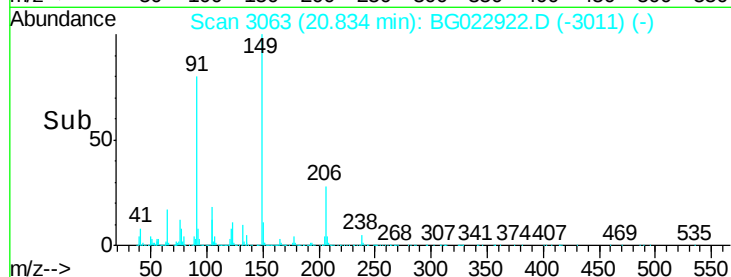


Tot Ion:	149	Resp:	775420
Ion Ratio	Lower	Upper	
149	100		
91	80.3	68.1	102.1
206	27.7	19.8	29.6

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#80

Benzo(a)anthracene

Concen: 33.45 ng

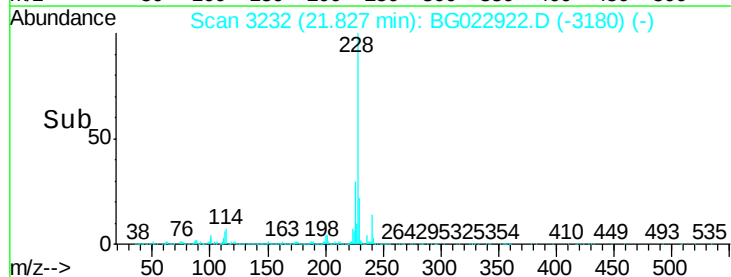
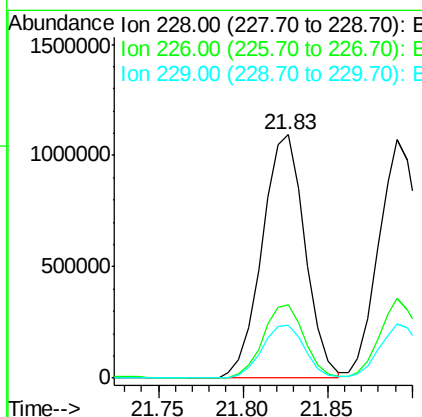
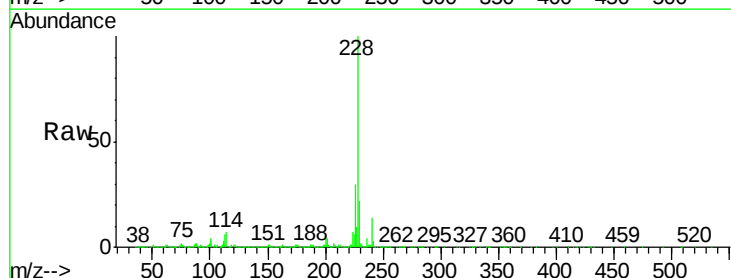
RT: 21.83 min Scan# 3232

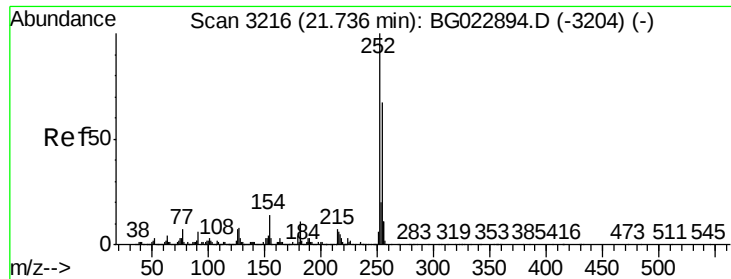
Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion:	228	Resp:	1926325
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.3	37.9
229	21.5	19.9	29.9





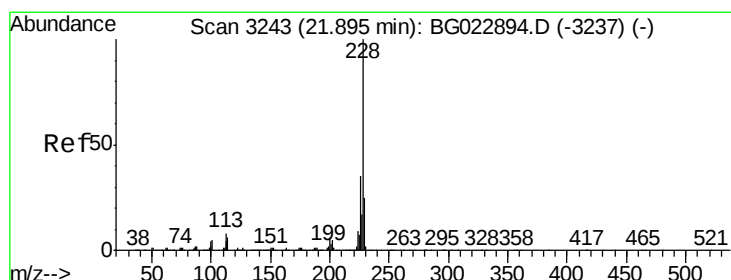
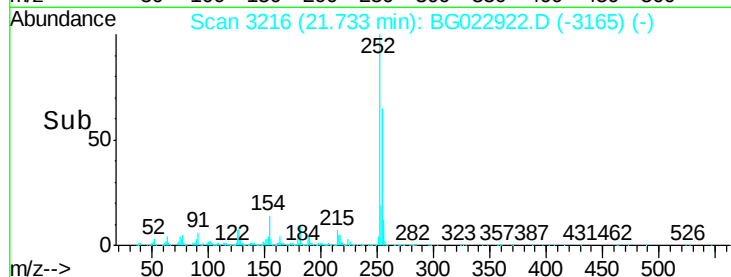
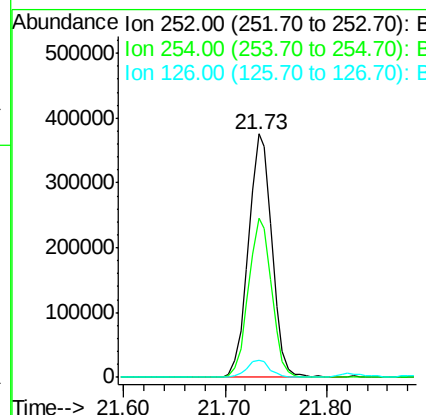
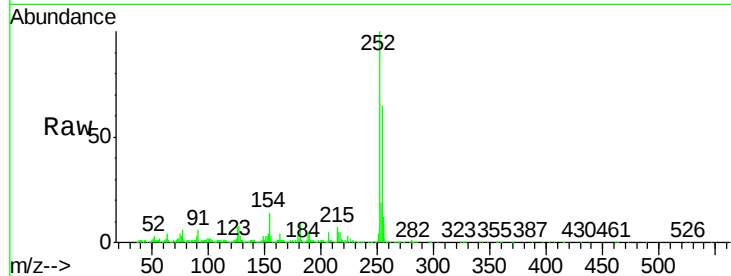
#81
 3,3'-Dichlorobenzidine
 Concen: 23.83 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Instrument :
 BNA_G
 ClientSampleId :
 B-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	7.0	5.3	7.9

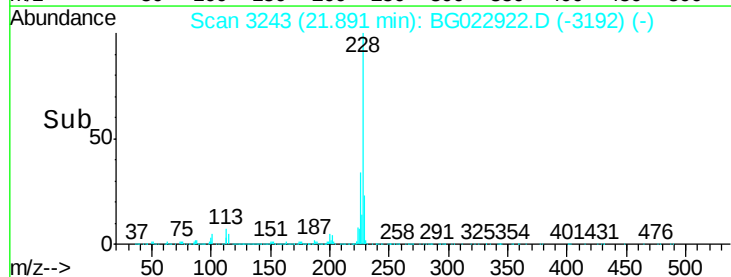
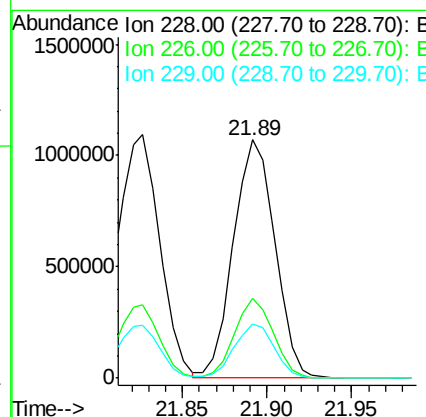
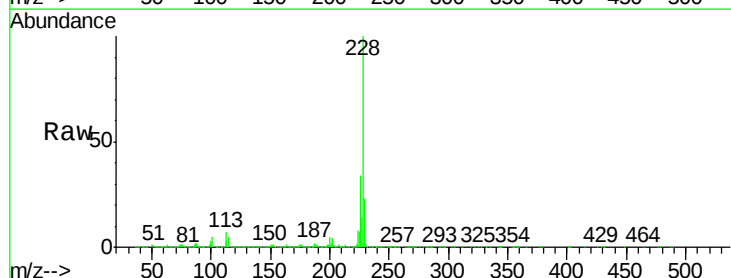
Manual Integrations

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#82
 Chrysene
 Concen: 33.82 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.7	40.1
229	22.6	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.08 ng

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

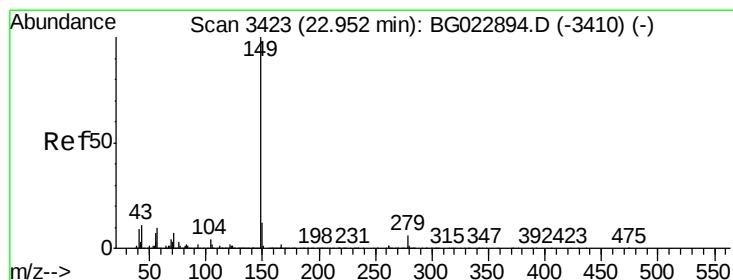
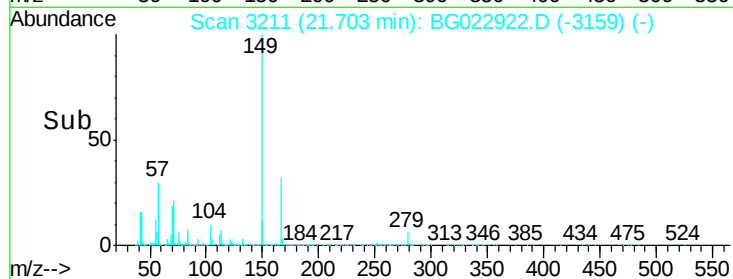
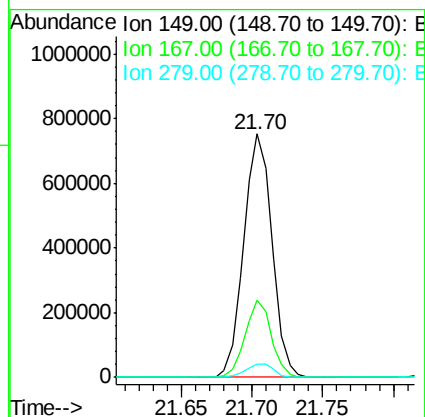
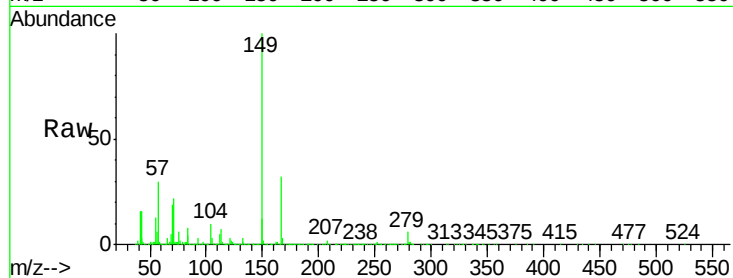
Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion:149 Resp: 1052373

Ion	Ratio	Lower	Upper
149	100		
167	31.8	24.0	36.0
279	5.6	4.8	7.2

Manual Integrations

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#84

Di-n-octyl phthalate

Concen: 33.32 ng

RT: 22.95 min Scan# 3424

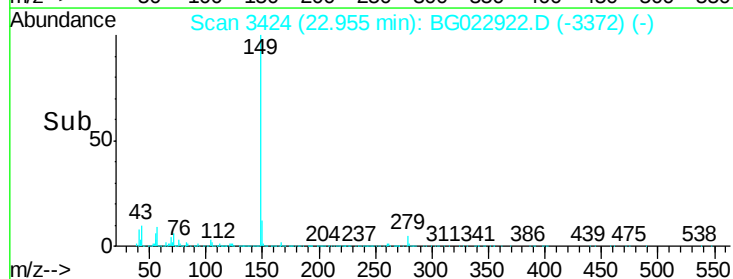
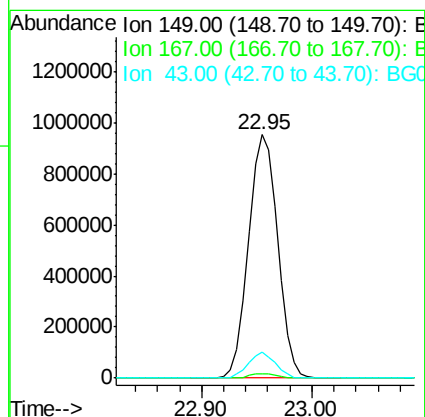
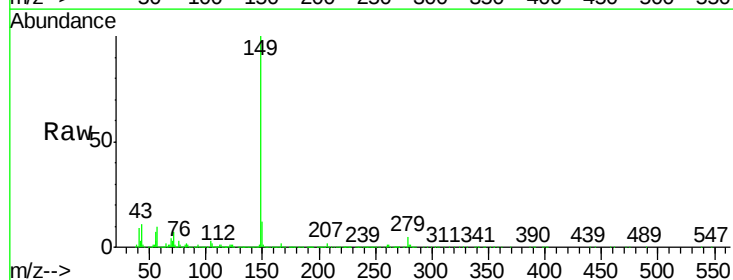
Delta R.T. 0.00 min

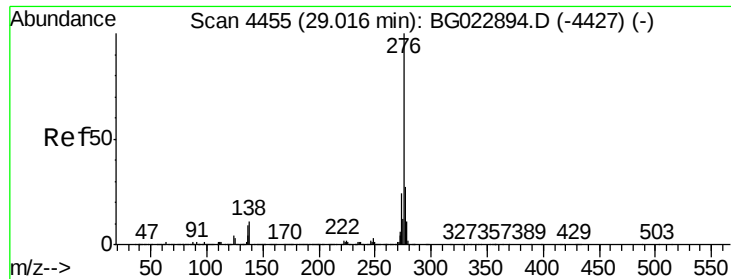
Lab File: BG022922.D

Acq: 8 Jul 2016 8:45

Tgt Ion:149 Resp: 1767659

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	9.8	8.8	13.2





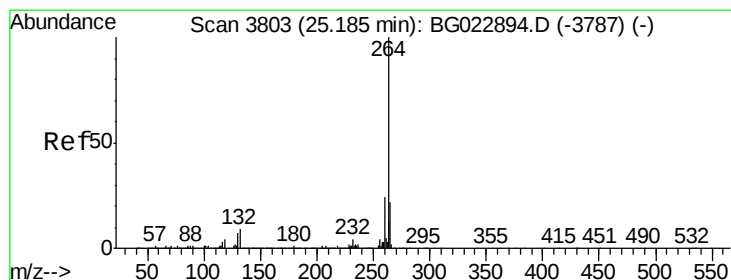
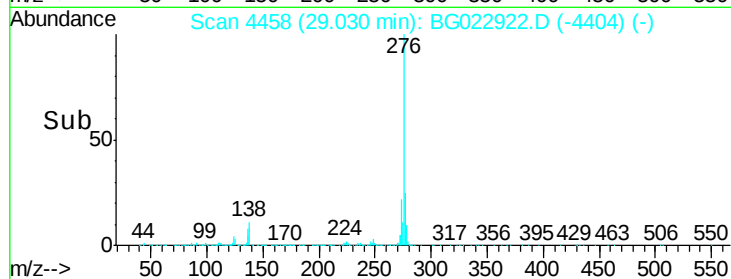
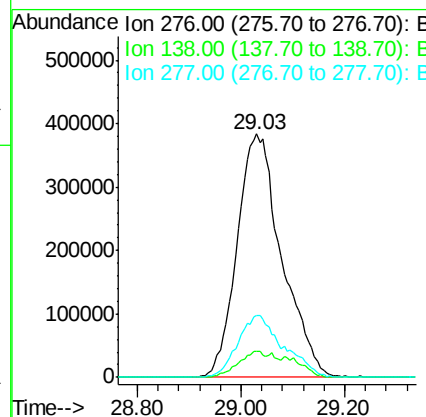
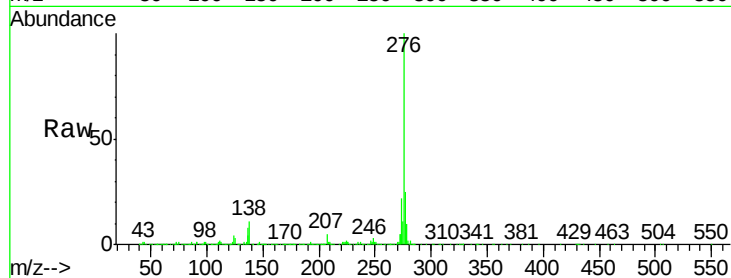
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.24 ng
RT: 29.03 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion:276 Resp: 2289416
Ion Ratio Lower Upper
276 100
138 6.4 0.0 0.0#
277 26.1 0.0 0.0#

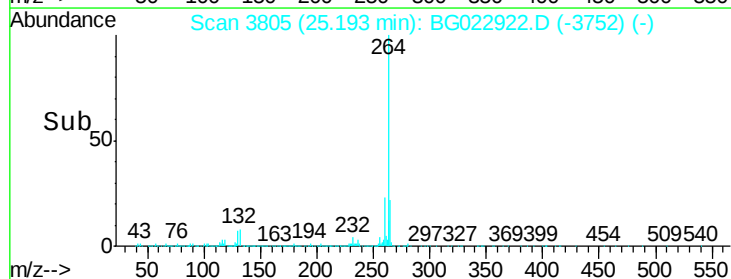
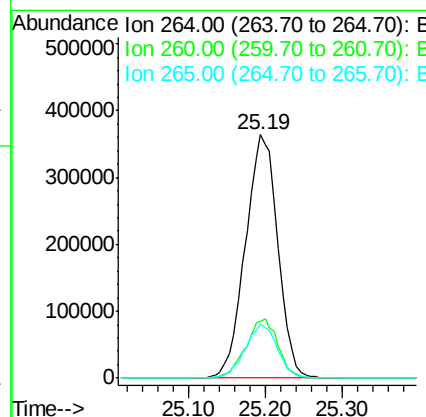
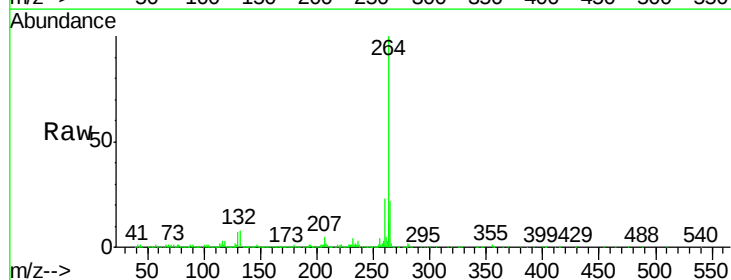
Manual Integrations

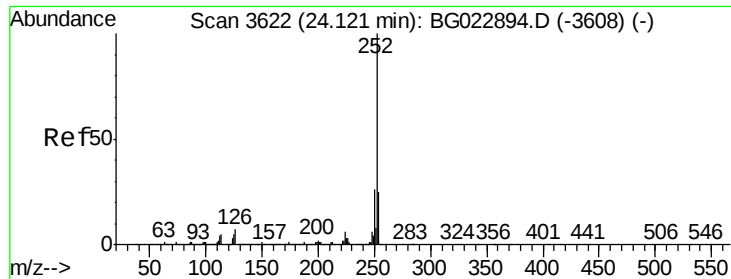
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3805
Delta R.T. 0.01 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion:264 Resp: 1070674
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 22.1 18.9 28.3





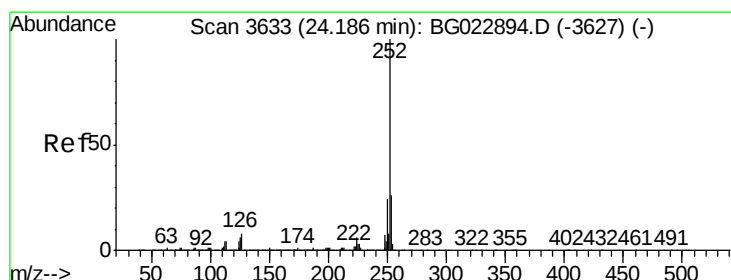
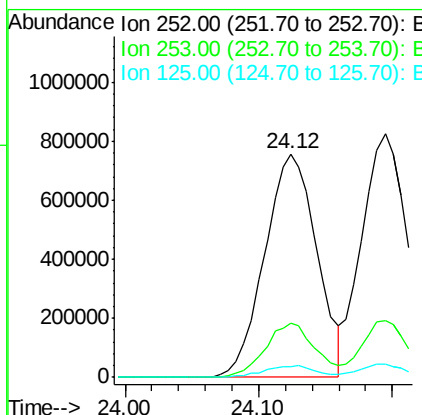
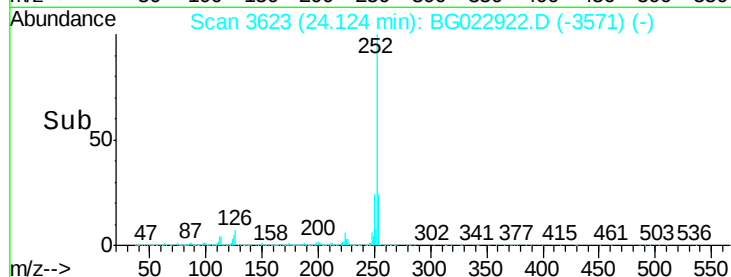
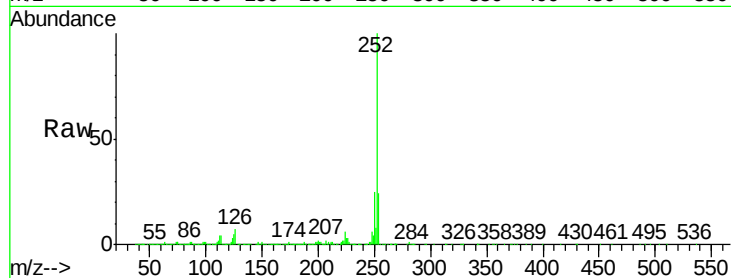
#87
Benzo(b)fluoranthene
Concen: 33.07 ng
RT: 24.12 min Scan# 3623
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampled :
B-2MSD

Tot Ion:252 Resp: 2042617
Ion Ratio Lower Upper
252 100
253 24.0 18.9 28.3
125 5.0 3.9 5.9

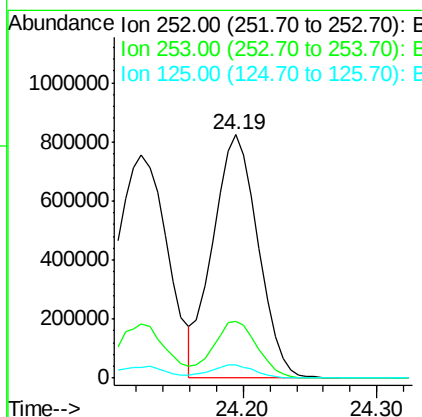
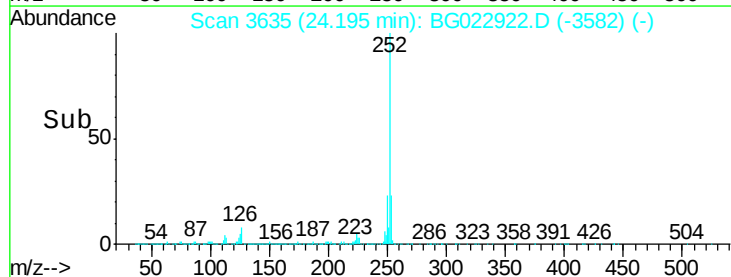
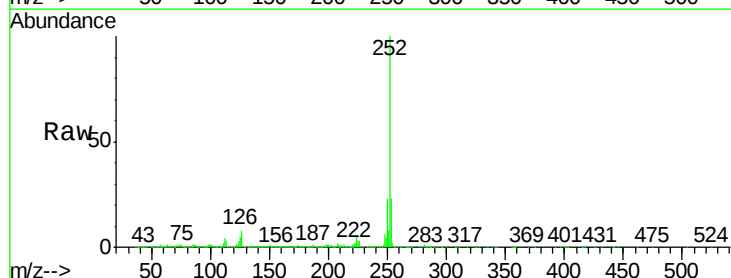
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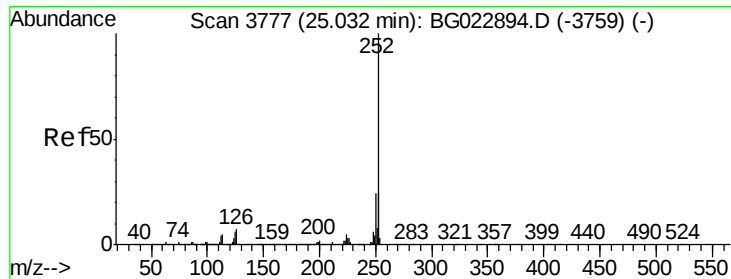
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#88
Benzo(k)fluoranthene
Concen: 33.14 ng
RT: 24.19 min Scan# 3635
Delta R.T. 0.01 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion:252 Resp: 1942568
Ion Ratio Lower Upper
252 100
253 23.1 18.8 28.2
125 5.4 3.2 4.8#





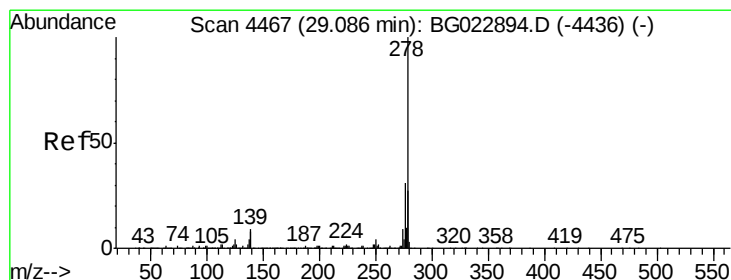
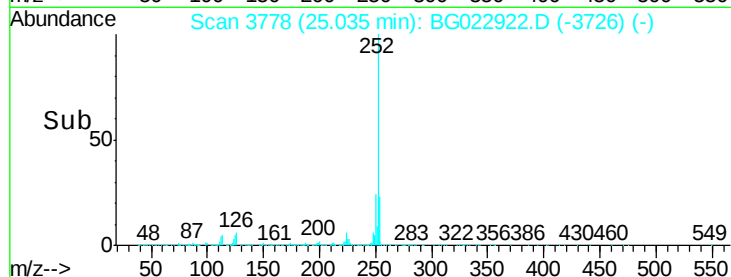
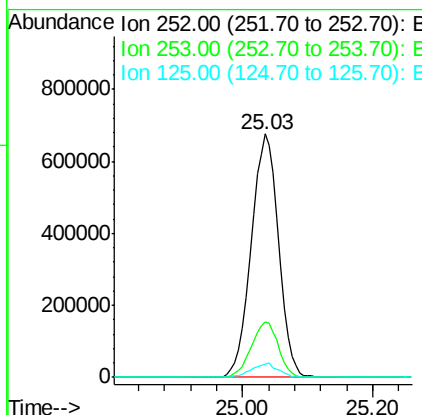
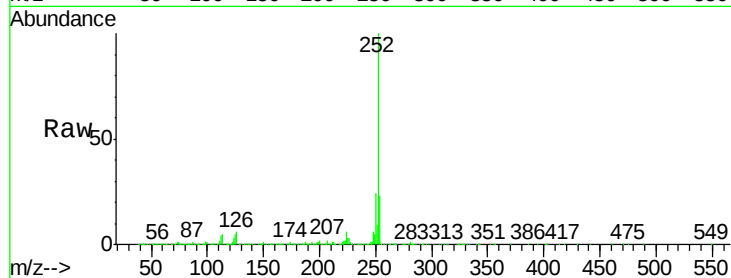
#89
Benzo(a)pyrene
Concen: 33.03 ng
RT: 25.03 min Scan# 3778
Delta R.T. 0.00 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Instrument :
BNA_G
ClientSampleId :
B-2MSD

Tot Ion:252 Resp: 1955709
Ion Ratio Lower Upper
252 100
253 22.6 18.7 28.1
125 5.5 3.9 5.9

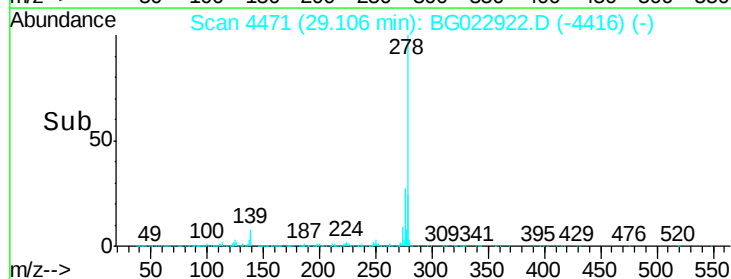
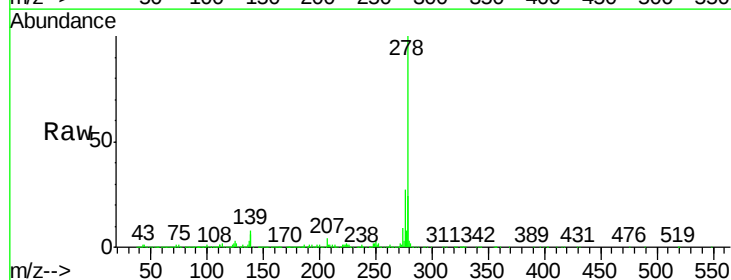
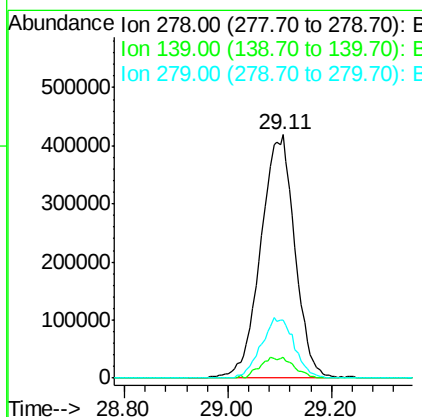
Manual Integrations

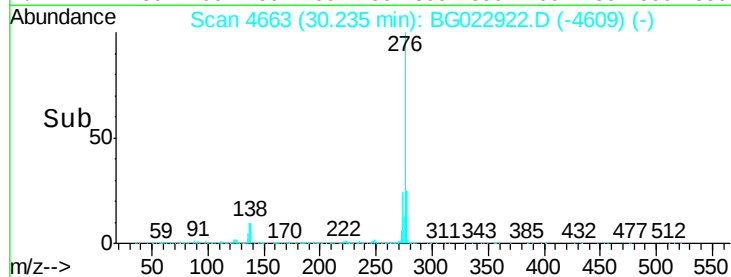
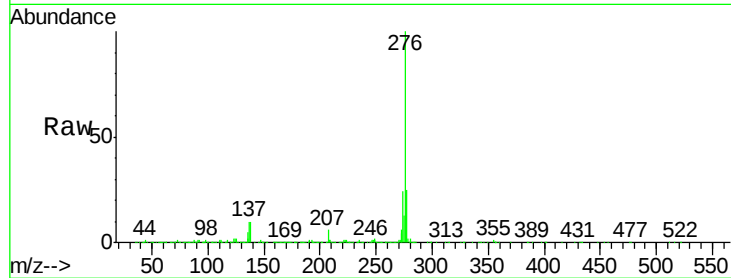
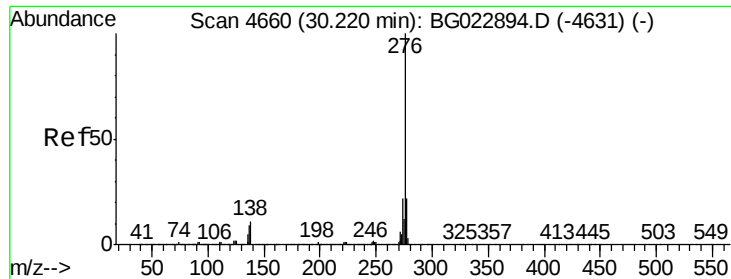
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#90
Dibenzo(a,h)anthracene
Concen: 32.51 ng
RT: 29.11 min Scan# 4471
Delta R.T. 0.02 min
Lab File: BG022922.D
Acq: 8 Jul 2016 8:45

Tgt Ion:278 Resp: 1910893
Ion Ratio Lower Upper
278 100
139 8.4 4.7 7.1#
279 23.9 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 32.10 ng
 RT: 30.23 min Scan# 4663
 Delta R.T. 0.01 min
 Lab File: BG022922.D
 Acq: 8 Jul 2016 8:45

Instrument :
 BNA_G
 ClientSampleId :
 B-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	27.8
138	10.1	6.8	10.2

Manual Integrations

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