

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
 Data File : BG023099.D
 Acq On : 14 Jul 2016 13:30
 Operator : UM/SJ
 Sample : H3996-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:14:15 AM

Quant Time: Jul 14 19:06:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	108640	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	507639	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	391205	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	907873	20.00	ng	0.00
75) Chrysene-d12	21.86	240	977816	20.00	ng	0.02
86) Perylene-d12	25.24	264	988175	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	716437	107.86	ng	0.00
7) Phenol-d6	7.31	99	1162607	111.75	ng	0.00
23) Nitrobenzene-d5	9.33	82	811512	68.45	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	577700	82.17	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1575187	63.42	ng	0.00
78) Terphenyl-d14	20.15	244	2248357	67.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	111136	43.04	ng	97
3) Pyridine	3.97	79	242556	27.45	ng	92
4) n-Nitrosodimethylamine	3.88	42	125119	33.01	ng	# 95
6) Aniline	7.47	93	385611	26.74	ng	96
8) 2-Chlorophenol	7.71	128	262345	37.11	ng	94
9) Benzaldehyde	7.29	77	137759	19.82	ng	96
10) Phenol	7.34	94	424293	39.64	ng	92
11) bis(2-Chloroethyl)ether	7.56	93	277232	32.68	ng	93
12) 1,3-Dichlorobenzene	8.04	146	261892	30.27	ng	96
13) 1,4-Dichlorobenzene	8.19	146	276304	31.90	ng	94
14) 1,2-Dichlorobenzene	8.51	146	266660	30.96	ng	97
15) Benzyl Alcohol	8.39	79	360128	37.79	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	349334	33.71	ng	91
17) 2-Methylphenol	8.60	107	266072	38.18	ng	92
18) Hexachloroethane	9.24	117	108743	29.74	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	308692	32.91	ng	92
20) 3+4-Methylphenols	8.92	107	380259	39.13	ng	97
22) Acetophenone	8.98	105	488574	32.07	ng	# 94
24) Nitrobenzene	9.37	77	440481	34.97	ng	95
25) Isophorone	9.89	82	796279	33.39	ng	98
26) 2-Nitrophenol	10.09	139	167024	33.79	ng	90
27) 2,4-Dimethylphenol	10.14	122	286247	33.50	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	440066	33.09	ng	97
29) 2,4-Dichlorophenol	10.63	162	332536	36.49	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	327508	31.36	ng	95
31) Naphthalene	11.03	128	848495	32.83	ng	98
32) Benzoic acid	10.22	122	46502	5.98	ng	96
33) 4-Chloroaniline	11.14	127	281318	22.26	ng	94
34) Hexachlorobutadiene	11.31	225	247151	29.19	ng	98
35) Caprolactam	11.91	113	116138	30.98	ng	97
36) 4-Chloro-3-methylphenol	12.26	107	415269	33.32	ng	94
37) 2-Methylnaphthalene	12.63	142	685809	33.58	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	437364	25.94	ng	98
40) Hexachlorocyclopentadiene	12.97	237	519973	53.58	ng	99

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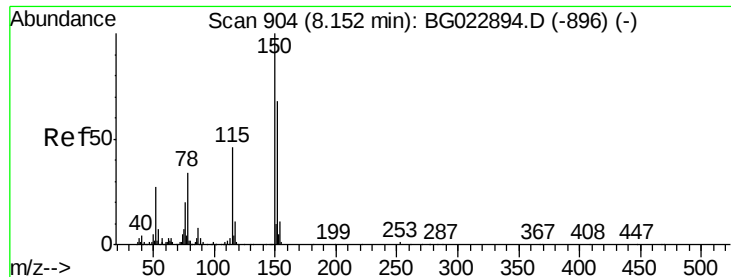
Manual Integrations

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 Sohil
 7/15/2016 9:14:15 AM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	319041	32.93	nq	98
43) 2,4,5-Trichlorophenol	13.31	196	343164	34.49	nq	97
45) 1,1'-Biphenyl	13.63	154	949686	32.35	nq	99
46) 2-Chloronaphthalene	13.68	162	782513	32.86	nq	96
47) 2-Nitroaniline	13.88	65	341893	33.65	nq	98
48) Acenaphthylene	14.53	152	1175785	32.92	nq	100
49) Dimethylphthalate	14.25	163	1787938	55.95	nq	# 95
50) 2,6-Dinitrotoluene	14.38	165	247304	34.44	nq	89
51) Acenaphthene	14.86	154	949246m	40.67	nq	
52) 3-Nitroaniline	14.71	138	190940	26.66	nq	93
53) 2,4-Dinitrophenol	14.91	184	241151	48.94	nq	97
54) Dibenzofuran	15.20	168	1260441	36.08	nq	99
55) 4-Nitrophenol	15.02	139	371680	61.92	nq	96
56) 2,4-Dinitrotoluene	15.16	165	354601	33.87	nq	95
57) Fluorene	15.85	166	998026	33.19	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	337974m	33.95	nq	
59) Diethylphthalate	15.61	149	1087816	33.46	nq	99
60) 4-Chlorophenyl-phenylether	15.83	204	581503	31.75	nq	98
61) 4-Nitroaniline	15.88	138	236941	30.58	nq	89
62) Azobenzene	16.13	77	1205651	38.77	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	211846	31.40	nq	96
65) n-Nitrosodiphenylamine	16.06	169	931730	35.62	nq	99
66) 4-Bromophenyl-phenylether	16.73	248	382276	32.36	nq	97
67) Hexachlorobenzene	16.86	284	393202	30.62	nq	97
68) Atrazine	17.00	200	385571	33.23	nq	98
69) Pentachlorophenol	17.20	266	509399	61.25	nq	98
70) Phenanthrene	17.60	178	1577592	35.46	nq	98
71) Anthracene	17.69	178	1608382	35.70	nq	99
72) Carbazole	17.96	167	1400452	35.97	nq	99
73) Di-n-butylphthalate	18.50	149	1644400	37.98	nq	98
74) Fluoranthene	19.61	202	1782407	32.64	nq	96
76) Benzidine	19.78	184	1095411	39.08	nq	99
77) Pyrene	19.96	202	1816709	33.06	nq	97
79) Butylbenzylphthalate	20.84	149	784202	36.03	nq	95
80) Benzo(a)anthracene	21.84	228	1864416	34.08	nq	97
81) 3,3'-Dichlorobenzidine	21.75	252	591643	24.64	nq	99
82) Chrysene	21.91	228	1745153	34.01	nq	99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1101133	36.43	nq	99
84) Di-n-octyl phthalate	22.98	149	1855469	36.81	nq	99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2048638	31.31	nq	# 100
87) Benzo(b)fluoranthene	24.16	252	1967123	34.50	nq	98
88) Benzo(k)fluoranthene	24.23	252	1865540	34.48	nq	# 99
89) Benzo(a)pyrene	25.08	252	1921834	35.17	nq	# 98
90) Dibenzo(a,h)anthracene	29.17	278	1707502	31.48	nq	# 96
91) Benzo(g,h,i)perylene	30.31	276	1672380	30.79	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tot Ion:152 Resp: 108640

Ion Ratio Lower Upper

152 100

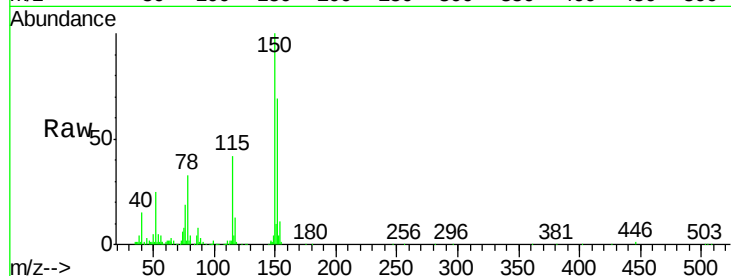
150 145.0 144.7 217.1

115 60.2 64.0 96.0#

Manual Integrations

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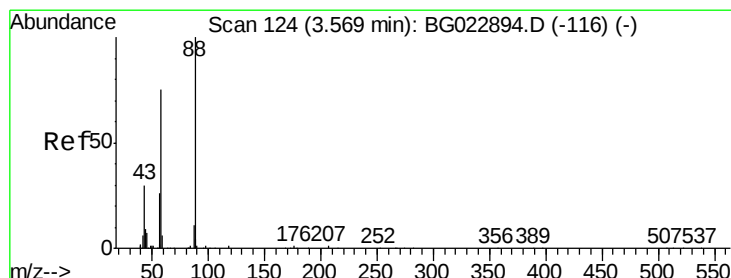
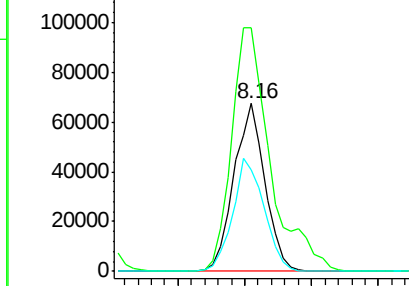
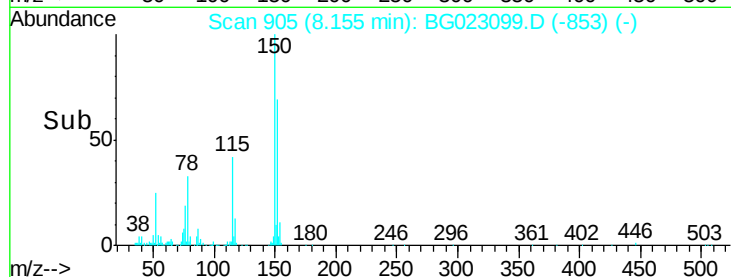
7/15/2016 9:14:15 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.04 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

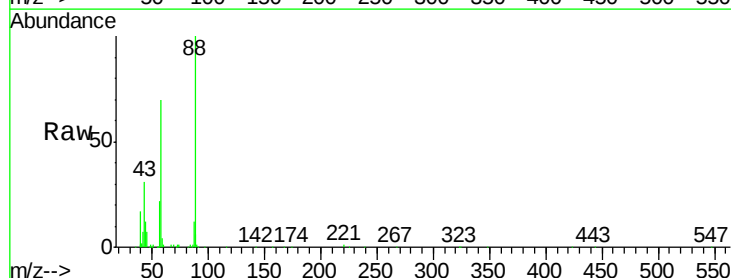
Tgt Ion: 88 Resp: 111136

Ion Ratio Lower Upper

88 100

58 75.2 60.4 90.6

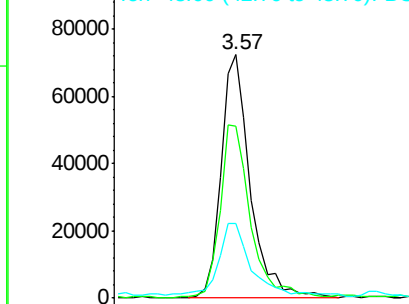
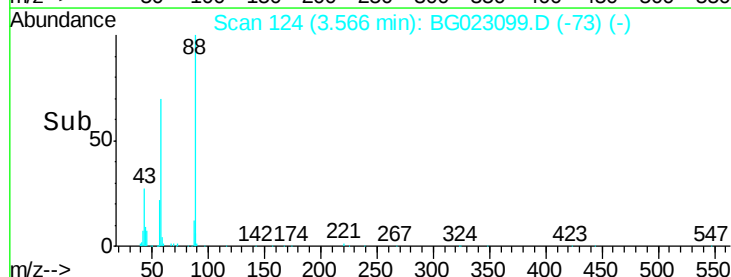
43 34.2 31.1 46.7

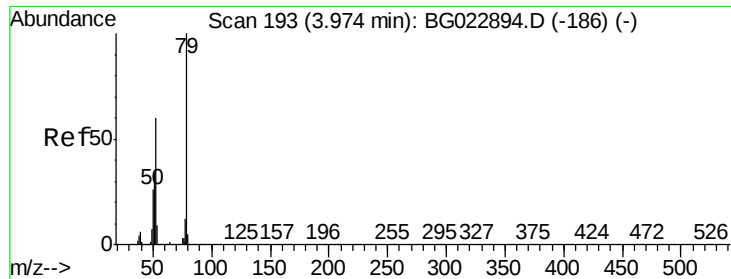


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





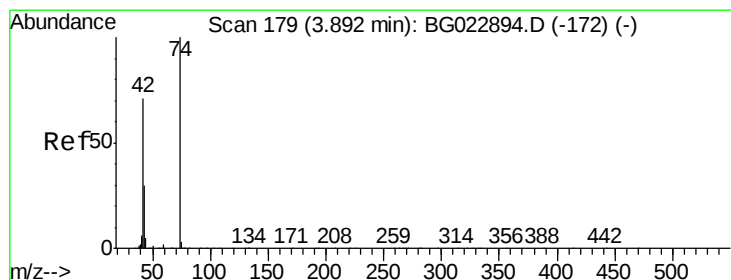
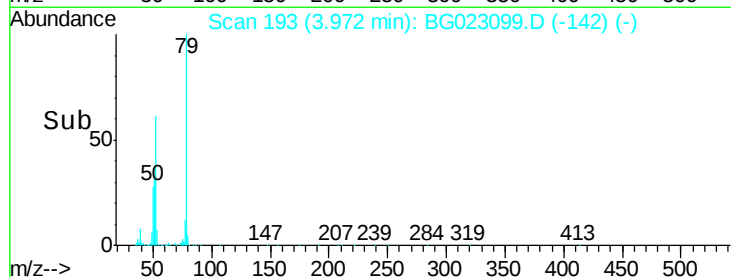
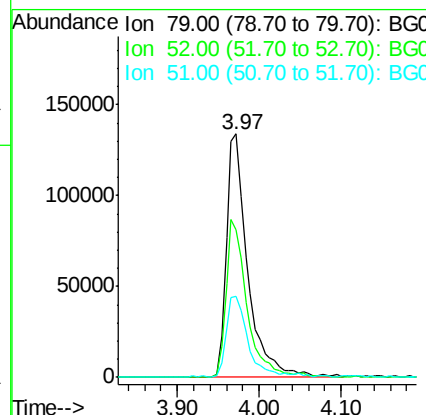
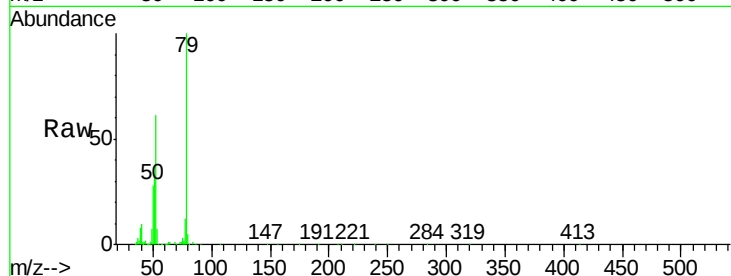
#3
 Pvridine
 Concen: 27.45 ng
 RT: 3.97 min Scan# 193
 Delta R.T. -0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.7	51.8	77.8
51	33.0	32.7	49.1

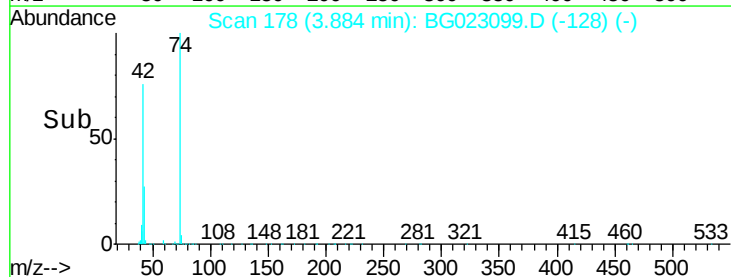
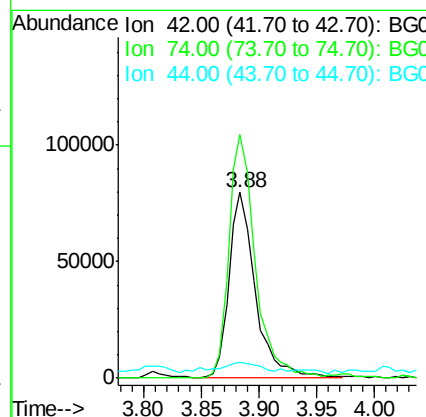
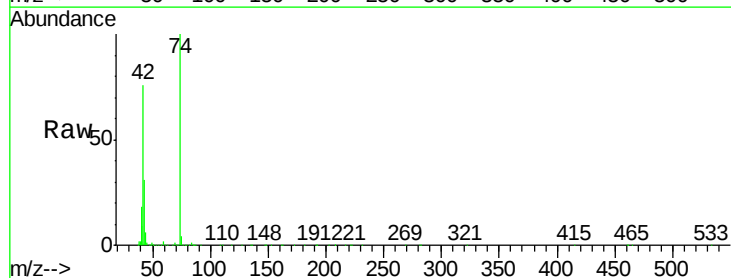
Manual Integrations

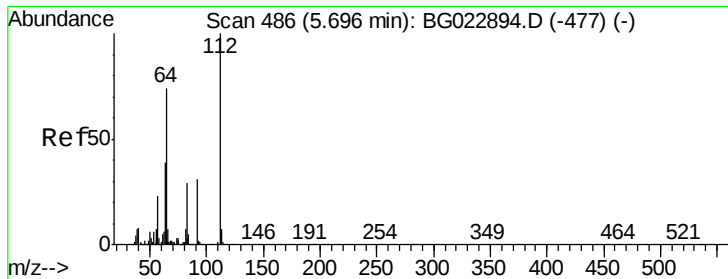
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#4
 n-Nitrosodimethylamine
 Concen: 33.01 ng
 RT: 3.88 min Scan# 178
 Delta R.T. -0.01 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.1	100.6	150.8
44	8.4	4.5	6.7#





#5

2-Fluorophenol

Concen: 107.86 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023099.D

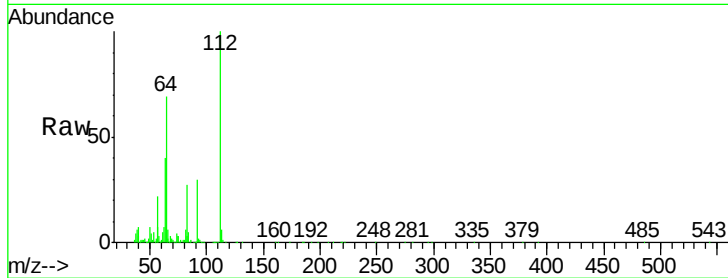
Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

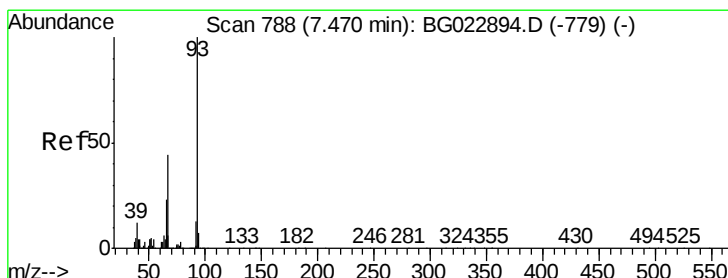
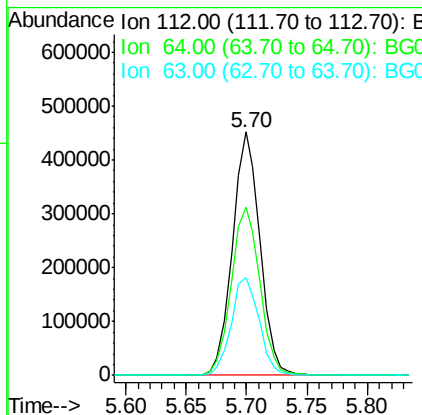
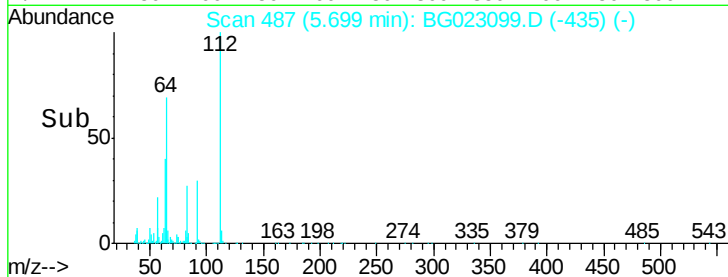


Tot Ion	Ratio	Lower	Upper
112	100		
64	69.2	59.0	88.4
63	40.1	37.8	56.8

Manual Integrations

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#6

Aniline

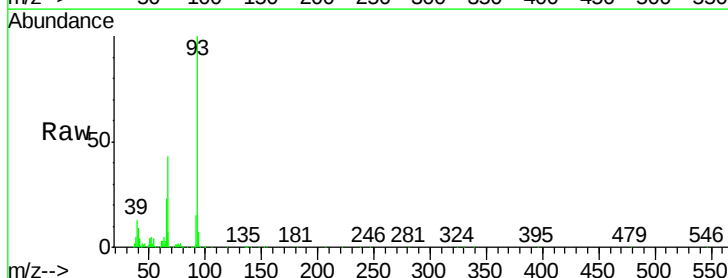
Concen: 26.74 ng

RT: 7.47 min Scan# 789

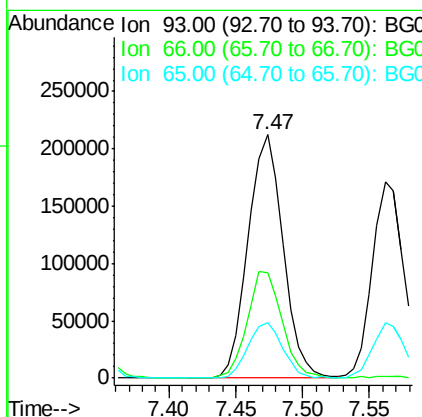
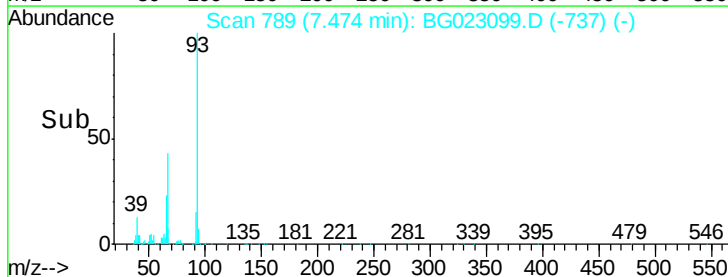
Delta R.T. 0.00 min

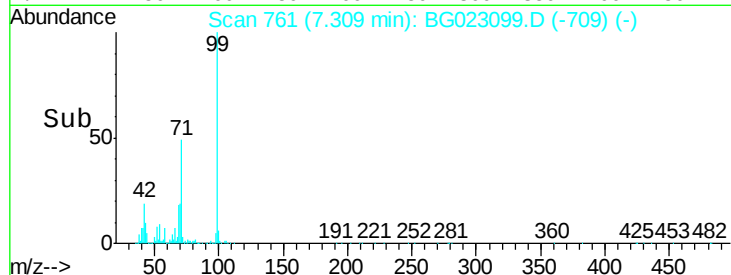
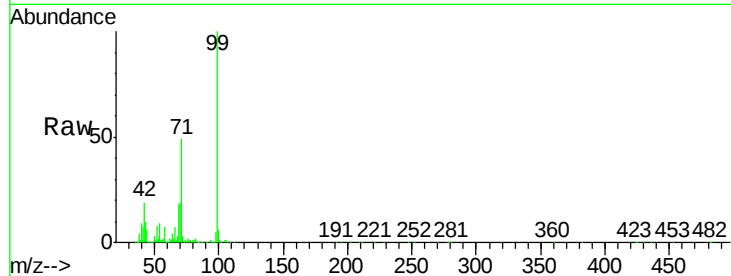
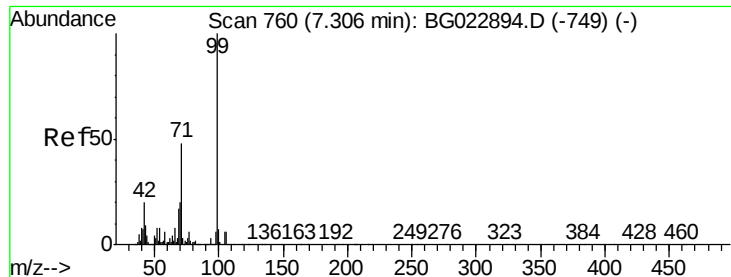
Lab File: BG023099.D

Acq: 14 Jul 2016 13:30



Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.2	37.5	56.3
65	22.9	17.9	26.9





#7

Phenol-d6

Concen: 111.75 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Tot Ion: 99 Resp: 1162607

Ion Ratio Lower Upper

99 100

42 18.8 17.8 26.6

71 49.2 41.5 62.3

Instrument :

BNA_G

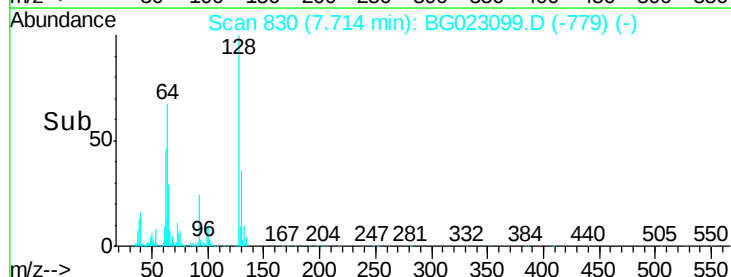
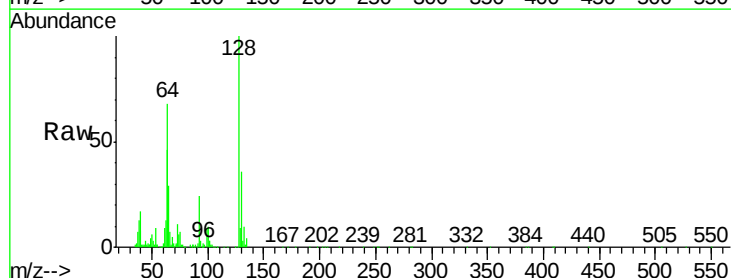
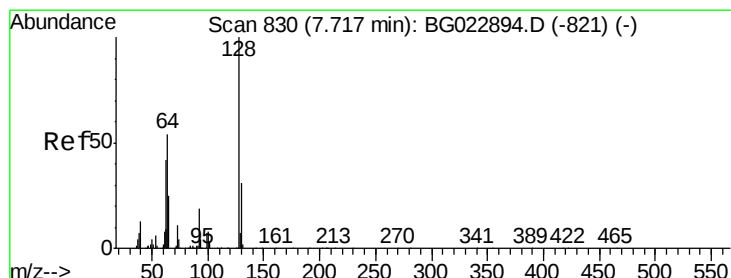
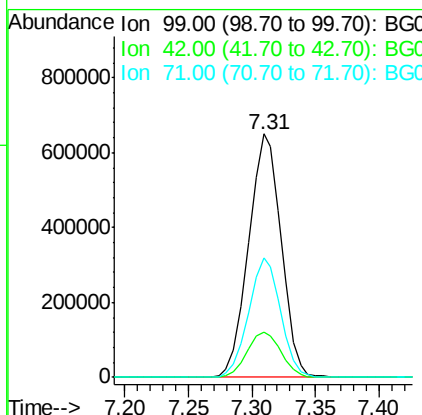
ClientSampleId :

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Manual Integrations

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7/15/2016 9:14:15 AM



#8

2-Chlorophenol

Concen: 37.11 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

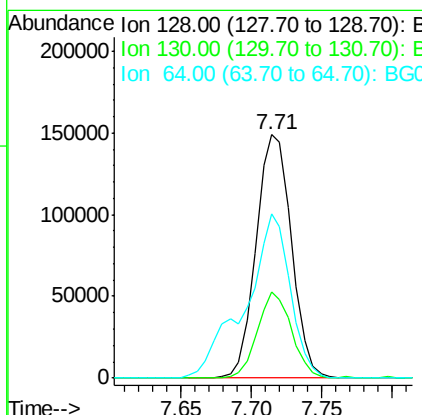
Tgt Ion:128 Resp: 262345

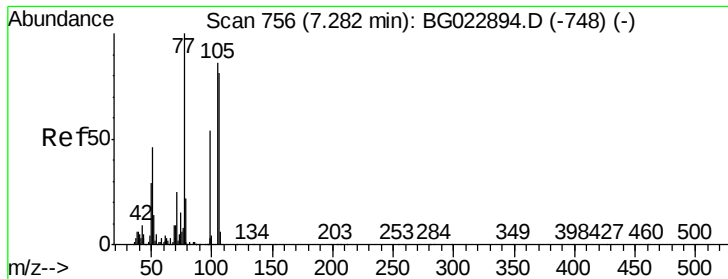
Ion Ratio Lower Upper

128 100

130 35.6 12.9 52.9

64 67.6 42.0 82.0





#9

Benzaldehyde

Concen: 19.82 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023099.D

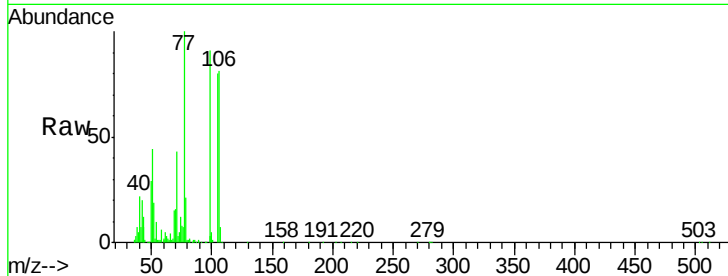
Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD



Tot Ion: 77 Resp: 137759

Ion Ratio Lower Upper

77 100

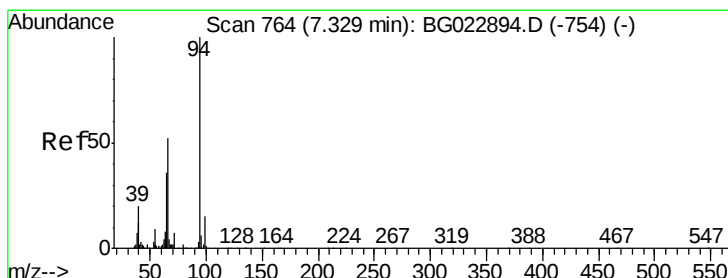
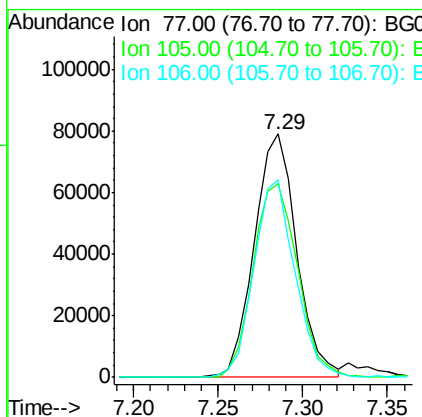
105 79.8 58.7 98.7

106 81.1 67.5 107.5

Manual Integrations

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7/15/2016 9:14:15 AM



#10

Phenol

Concen: 39.64 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

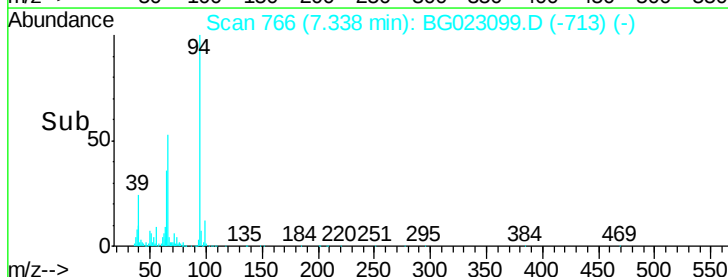
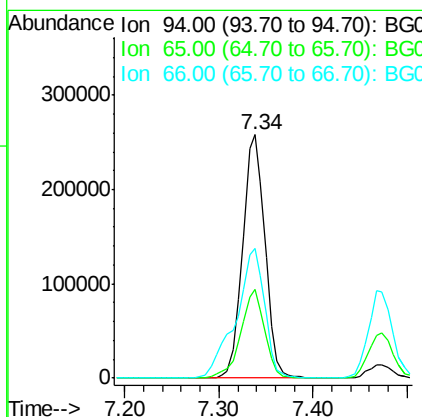
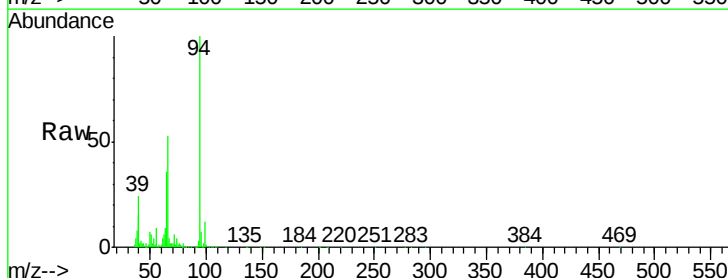
Tgt Ion: 94 Resp: 424293

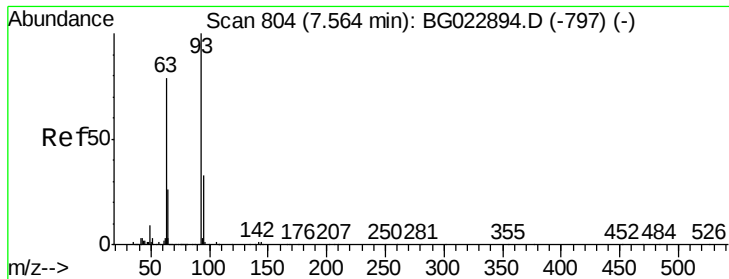
Ion Ratio Lower Upper

94 100

65 36.3 18.1 58.1

66 53.3 42.1 82.1





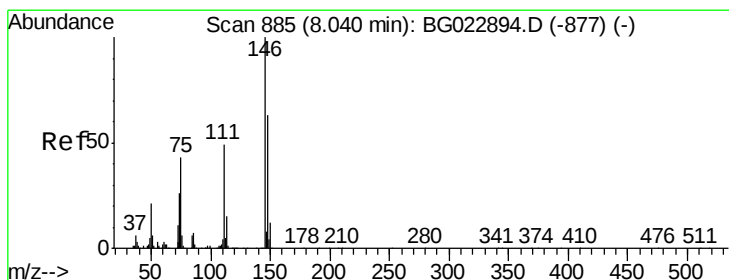
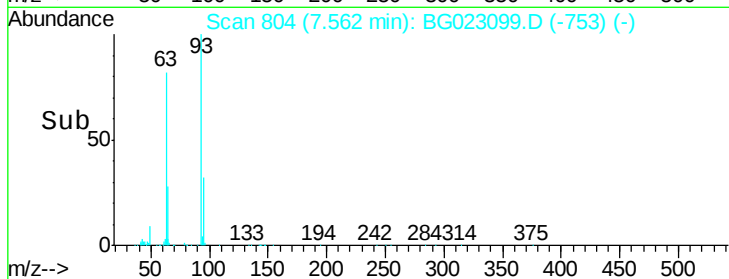
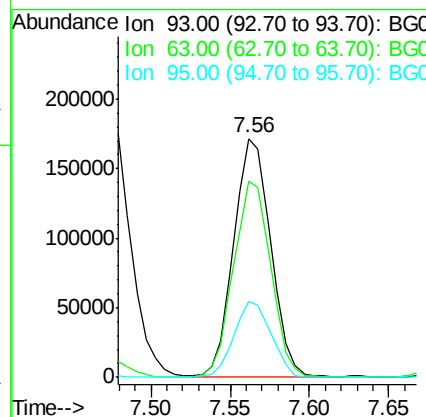
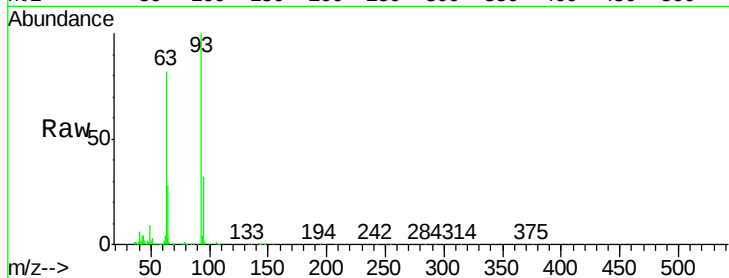
#11
bis(2-Chloroethyl)ether
Concen: 32.68 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	55.0	95.0
95	31.7	11.0	51.0

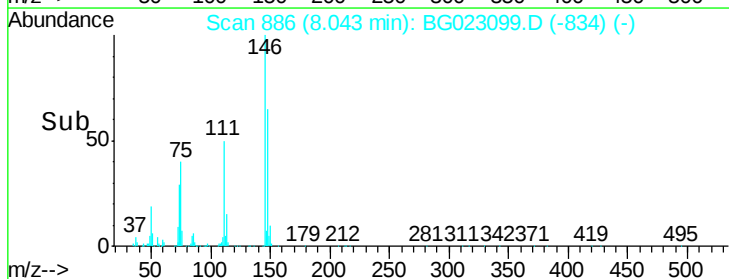
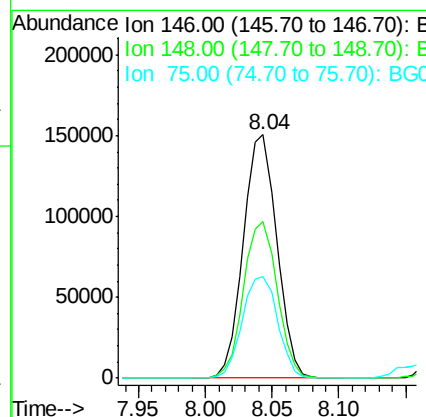
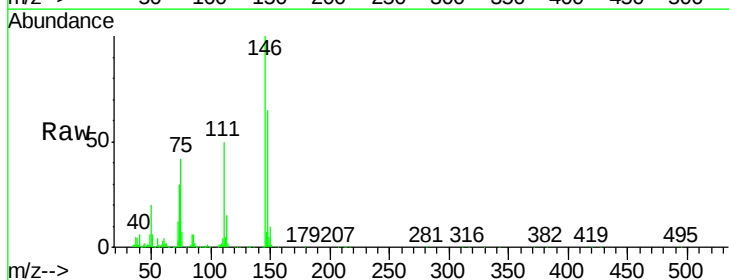
Manual Integrations

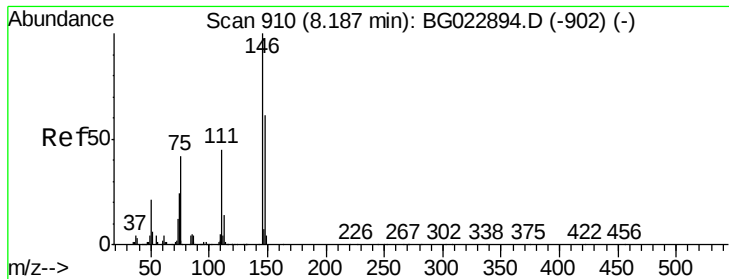
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#12
1,3-Dichlorobenzene
Concen: 30.27 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
75	41.6	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 31.90 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG023099.D

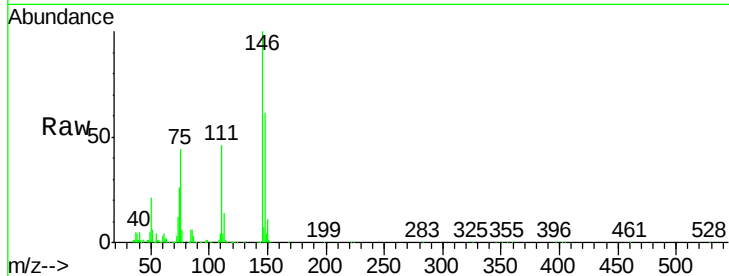
Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

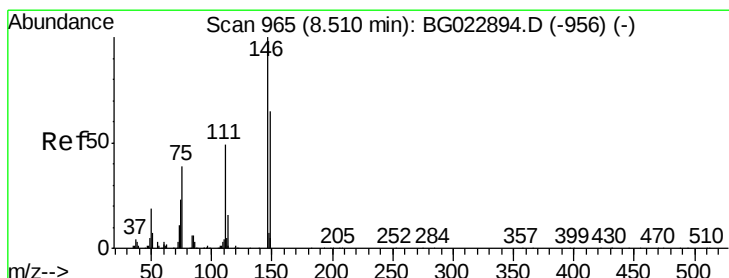
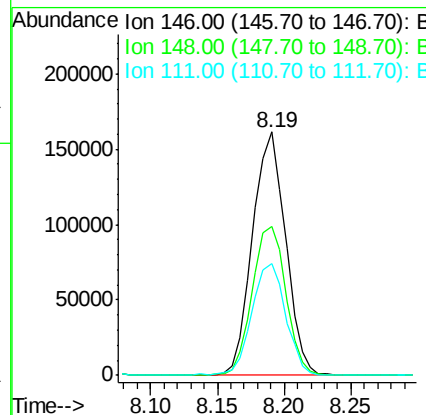
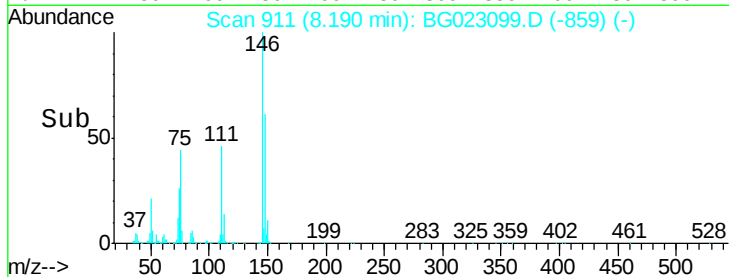


Tot Ion:	146	Resp:	276304
Ion Ratio	Lower	Upper	
146	100		
148	61.2	54.5	81.7
111	45.9	37.8	56.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 30.96 ng

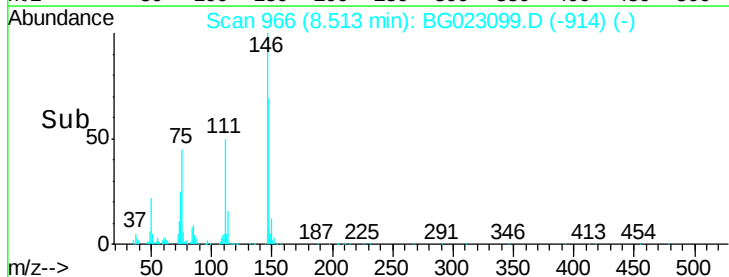
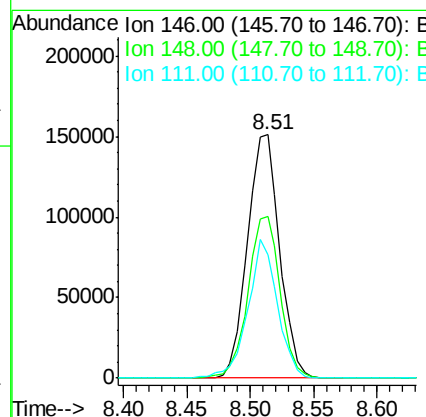
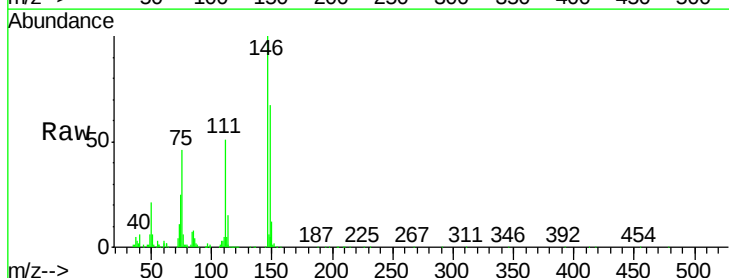
RT: 8.51 min Scan# 966

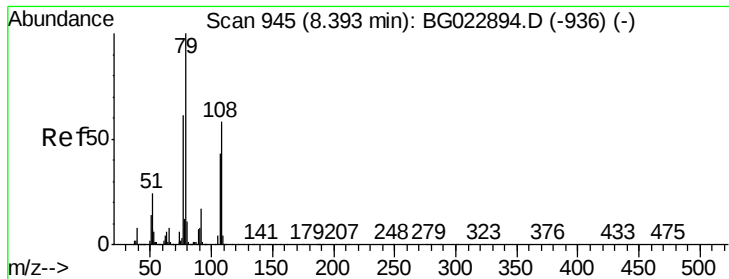
Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Tgt Ion:	146	Resp:	266660
Ion Ratio	Lower	Upper	
146	100		
148	66.6	52.9	79.3
111	50.6	43.5	65.3





#15

Benzyl Alcohol

Concen: 37.79 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

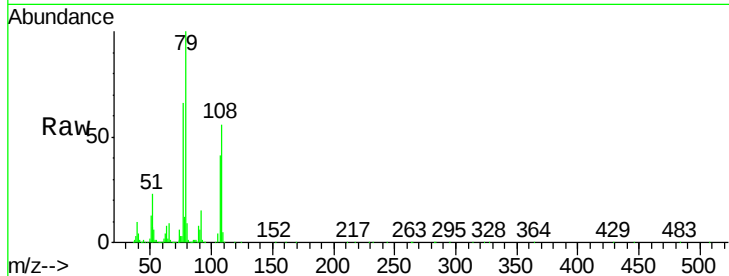
ClientSampleId :

B7-B2(5-12)CMSD

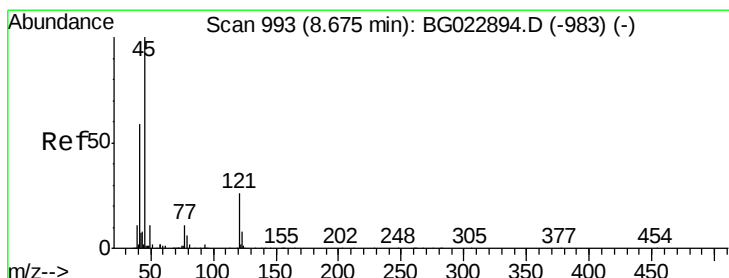
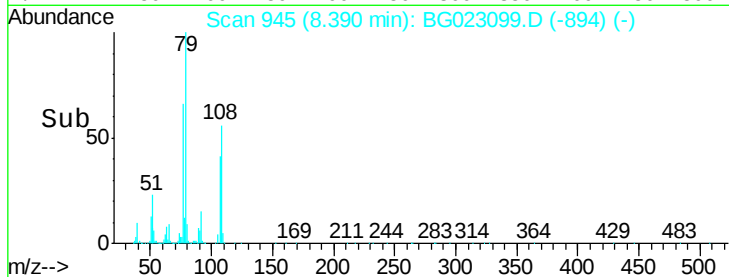
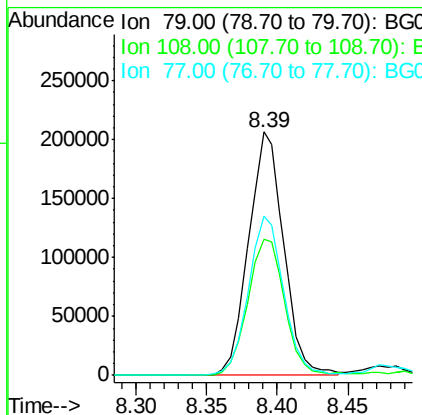
Manual Integrations

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Tot Ion:	79	Resp:	360128
Ion	Ratio	Lower	Upper
79	100		
108	56.0	46.5	69.7
77	65.6	52.3	78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.71 ng

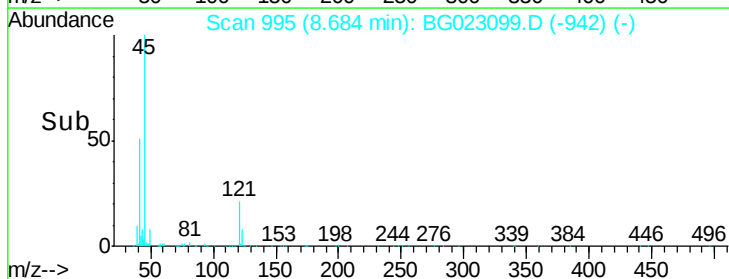
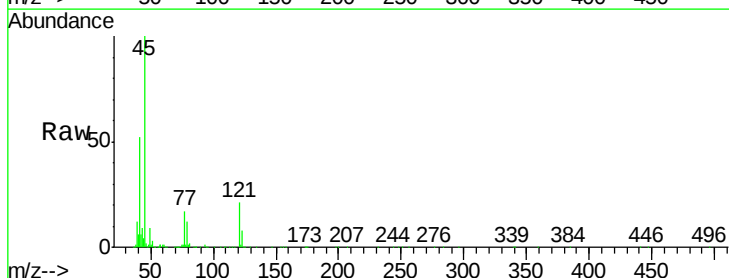
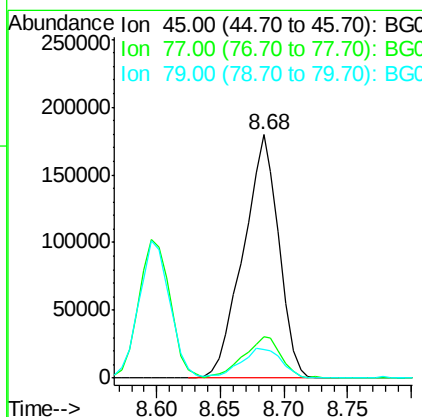
RT: 8.68 min Scan# 995

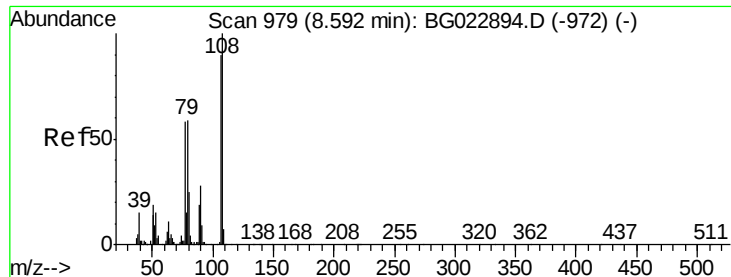
Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Tgt Ion:	45	Resp:	349334
Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.6	40.6
79	11.9	0.0	36.2





#17

2-Methylphenol

Concen: 38.18 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

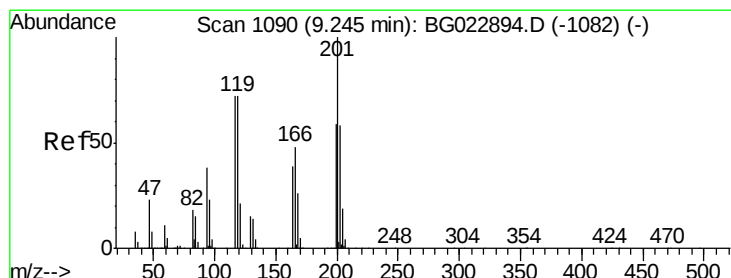
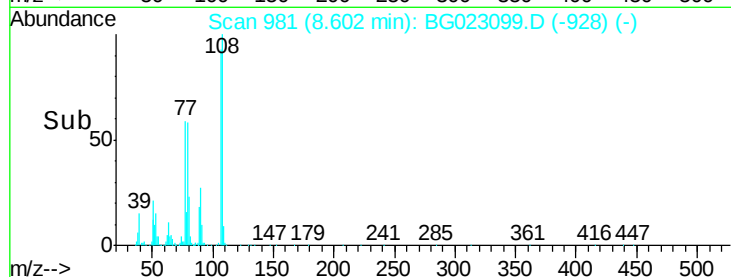
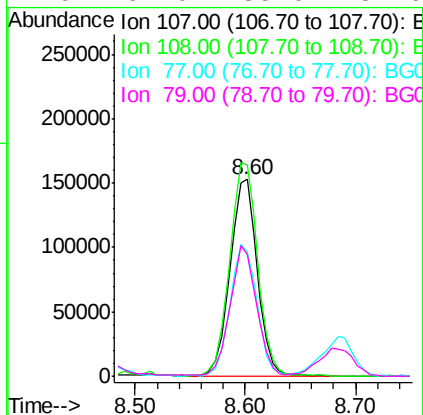
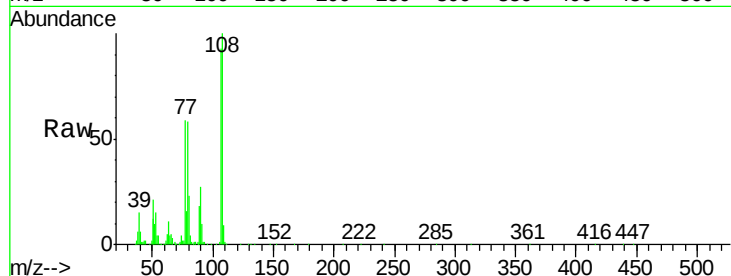
B7-B2(5-12)CMSD

Tot Ion	107	Resp	266072
Ion	Ratio	Lower	Upper
107	100		
108	107.5	92.0	138.0
77	63.4	55.8	83.6
79	62.0	55.0	82.6

Manual Integrations

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#18

Hexachloroethane

Concen: 29.74 ng

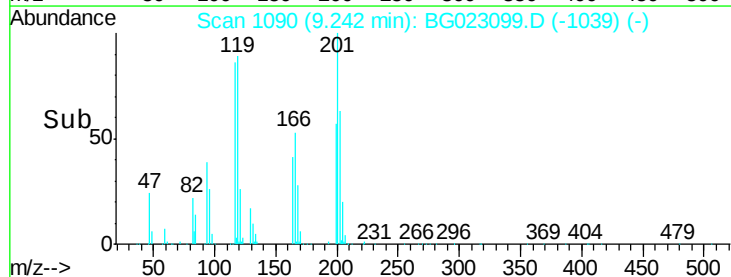
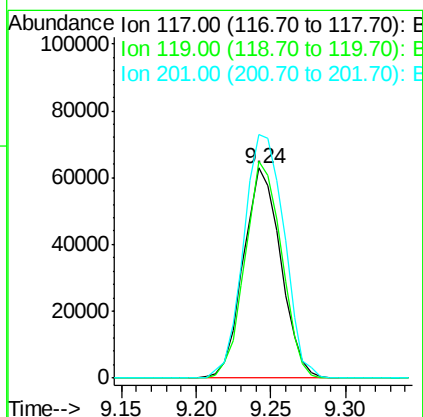
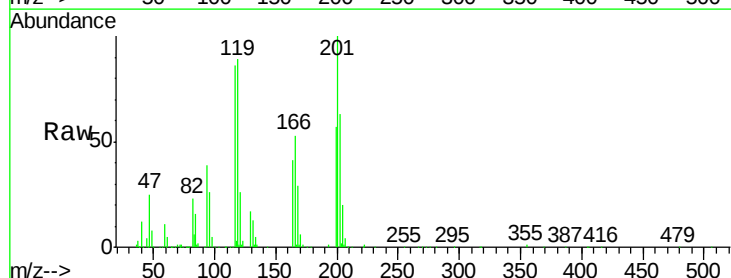
RT: 9.24 min Scan# 1090

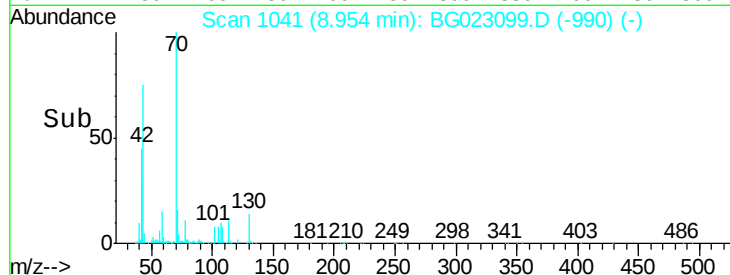
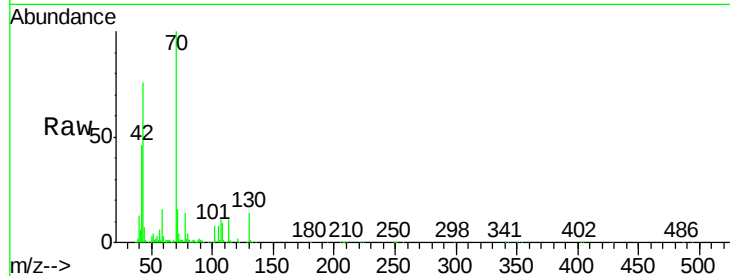
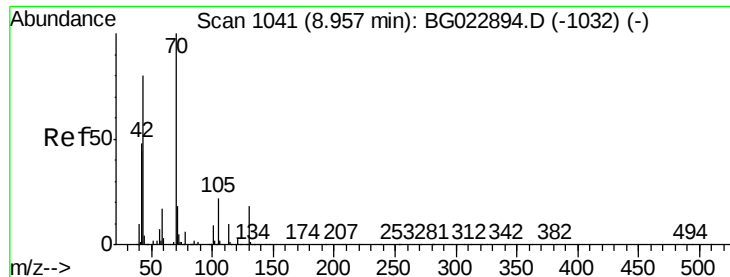
Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Tgt Ion	117	Resp	108743
Ion	Ratio	Lower	Upper
117	100		
119	103.2	73.7	110.5
201	116.0	88.7	133.1





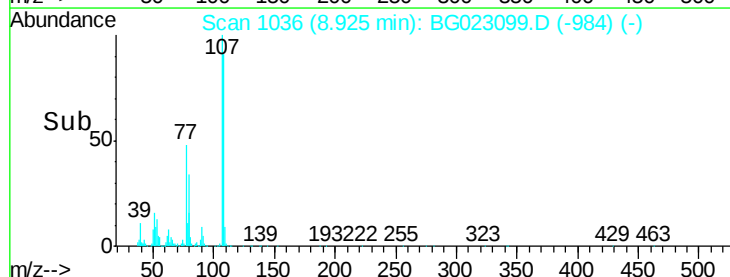
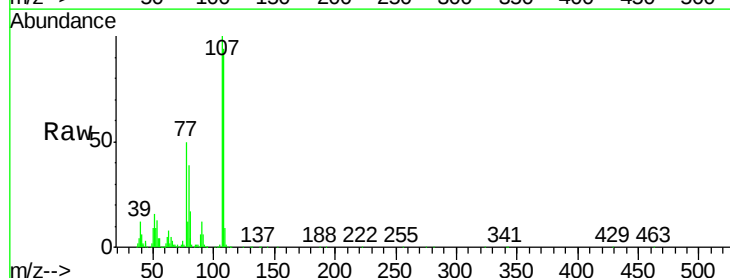
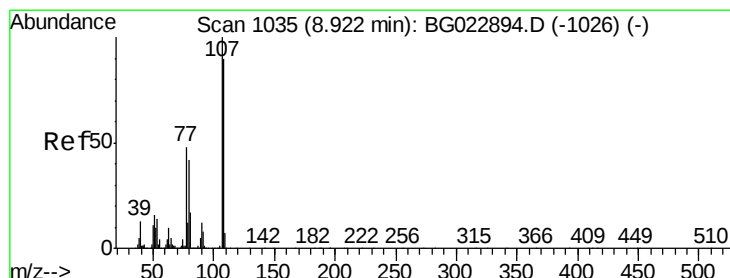
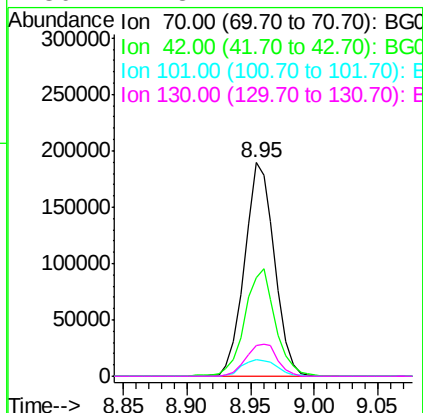
#19
n-Nitroso-di-n-propylamine
Concen: 32.91 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.2	42.1	63.1	
101	7.5	7.2	10.8	
130	14.3	14.2	21.2	

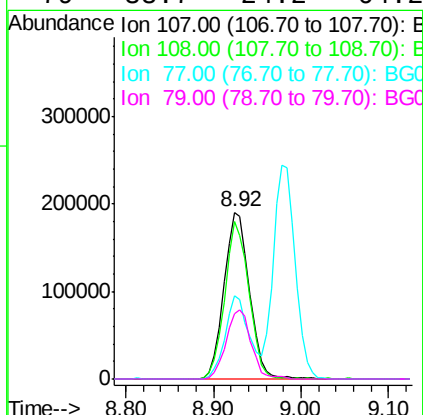
Manual Integrations

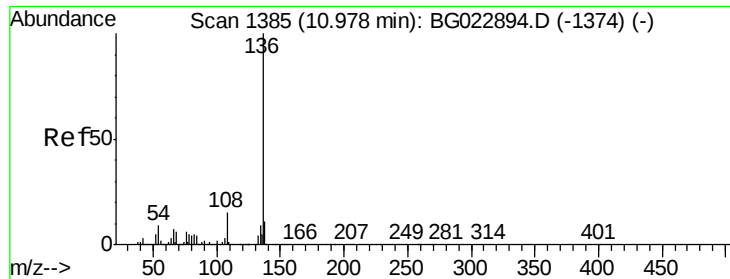
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#20
3+4-Methylphenols
Concen: 39.13 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.1	72.5	112.5	
77	49.5	30.1	70.1	
79	38.7	24.2	64.2	





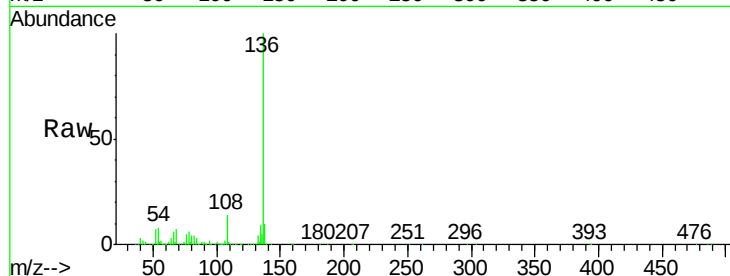
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

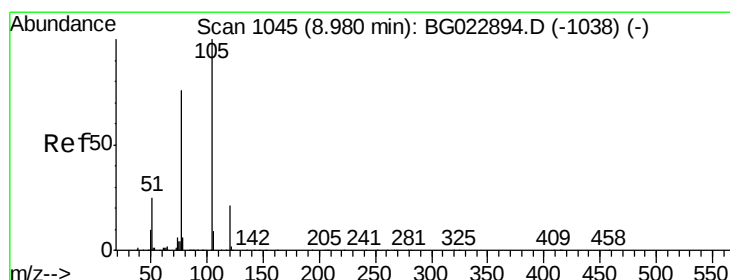
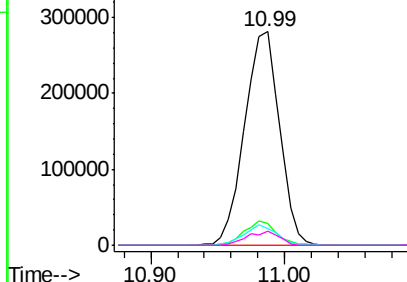
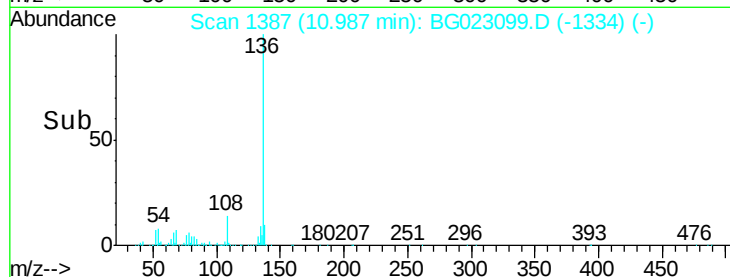
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		507639		
137	10.2		9.6	14.4	
54	8.0		7.3	10.9	
68	6.8		5.3	7.9	

Manual Integrations

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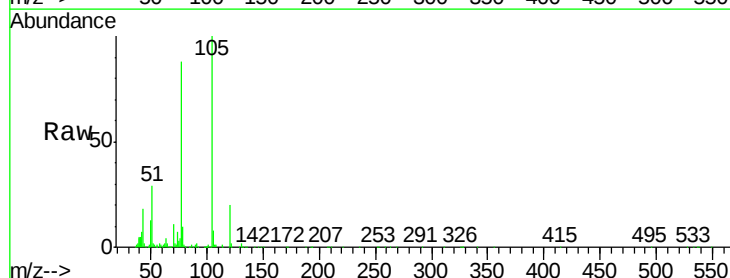


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

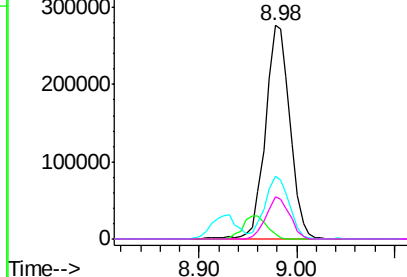
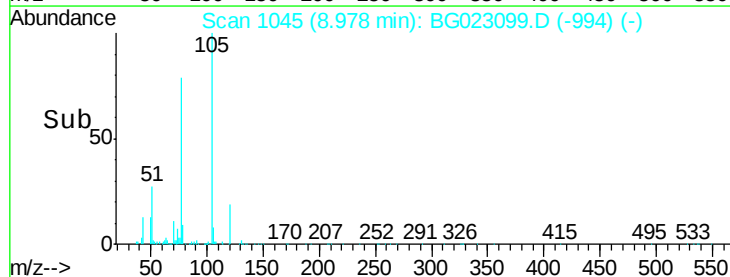


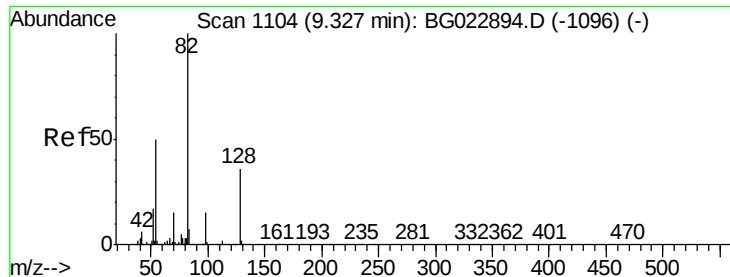
#22
Acetophenone
Concen: 32.07 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		488574		
71	2.2		2.6	3.8#	
51	29.3		27.1	40.7	
120	19.6		15.1	22.7	



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





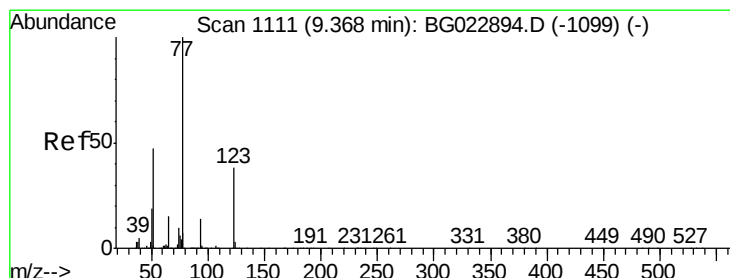
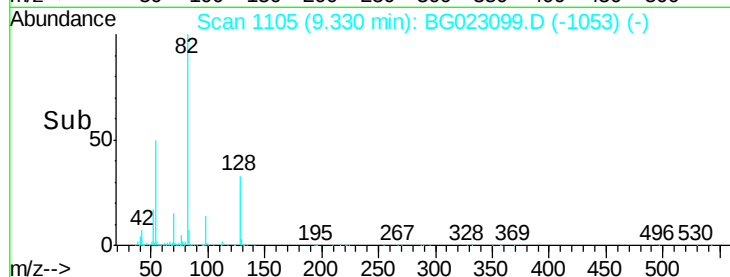
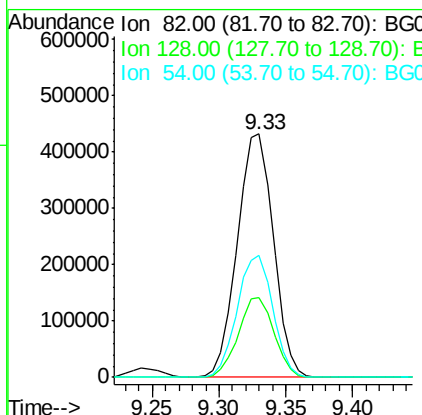
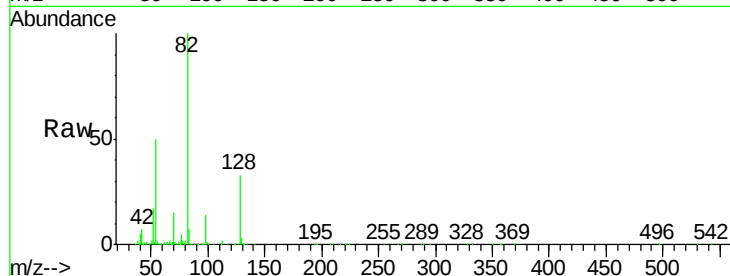
#23
 Nitrobenzene-d5
 Concen: 68.45 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.4	36.6
54	50.2	41.4	62.0

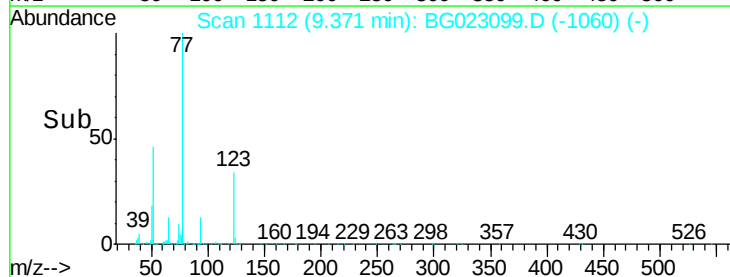
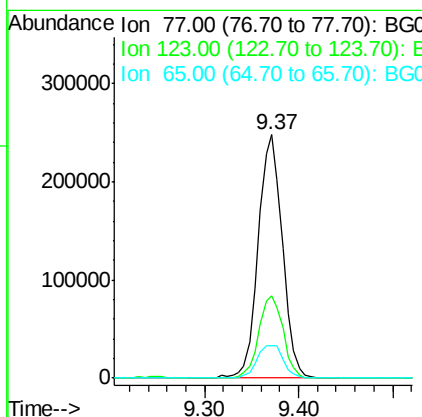
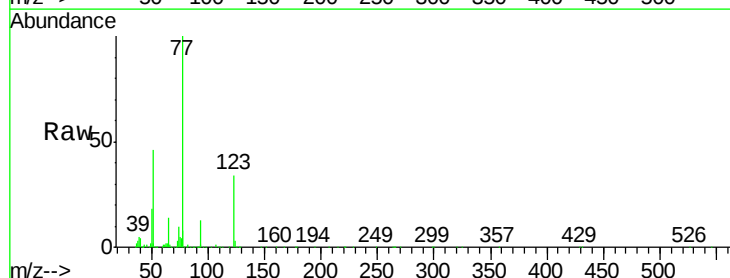
Manual Integrations

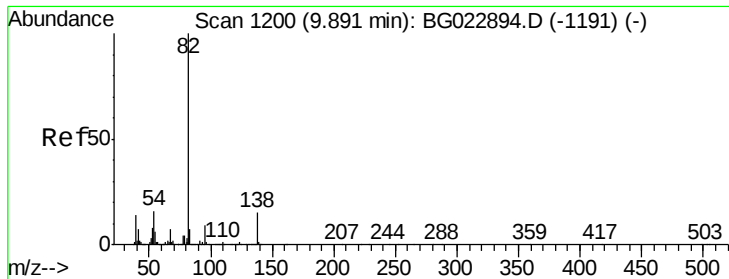
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#24
 Nitrobenzene
 Concen: 34.97 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.7	25.0	37.6
65	13.5	13.4	20.0





#25

Isophorone

Concen: 33.39 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

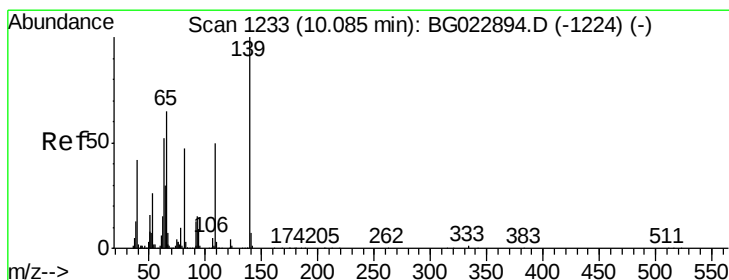
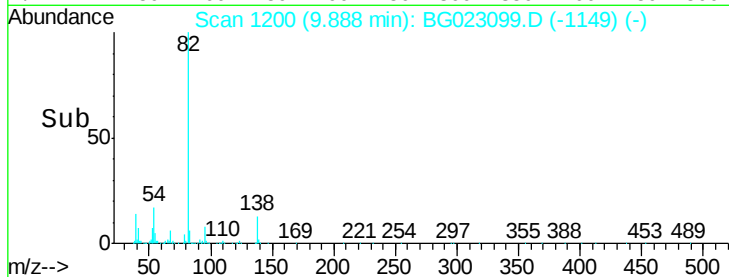
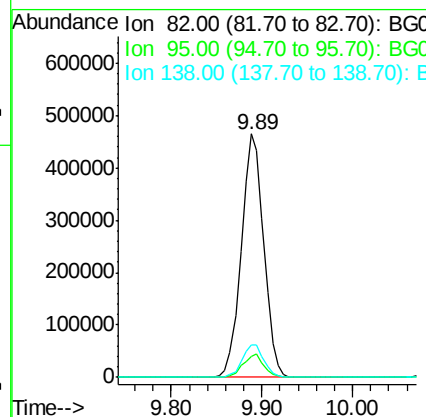
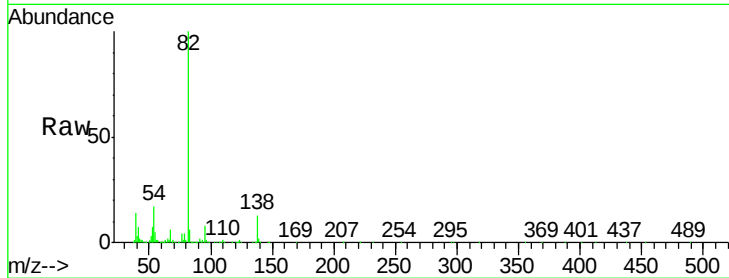
B7-B2(5-12)CMSD

Tot Ion:	82	Resp:	796279
Ion Ratio	Lower	Upper	
82	100		
95	8.3	8.2	12.2
138	13.5	10.7	16.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 33.79 ng

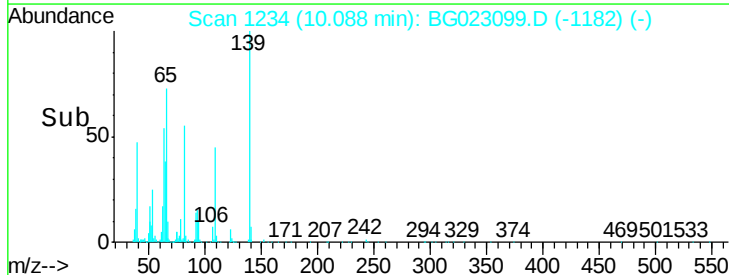
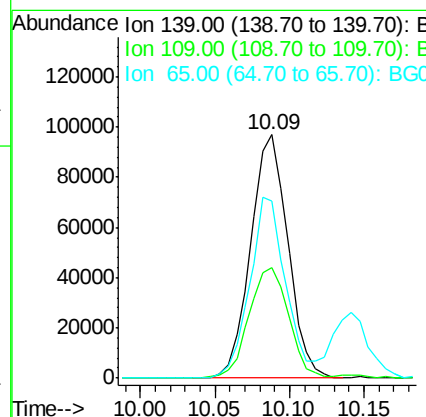
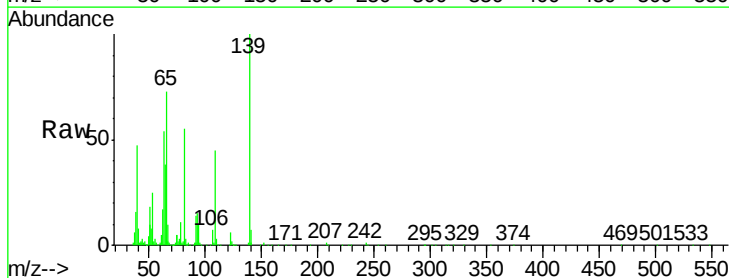
RT: 10.09 min Scan# 1234

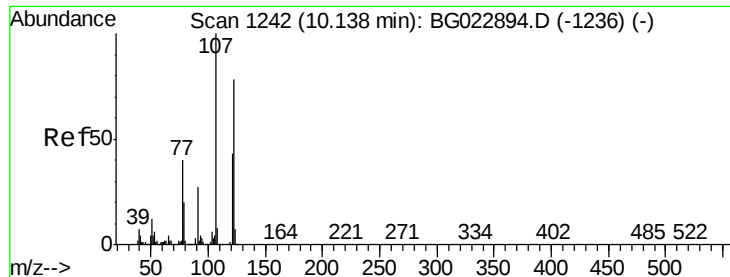
Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Tgt Ion:	139	Resp:	167024
Ion Ratio	Lower	Upper	
139	100		
109	45.3	43.5	65.3
65	72.7	64.3	96.5





#27

2,4-Dimethylphenol

Concen: 33.50 ng

RT: 10.14 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BG023099.D

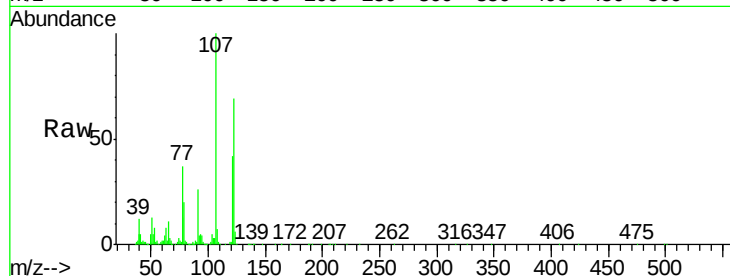
Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

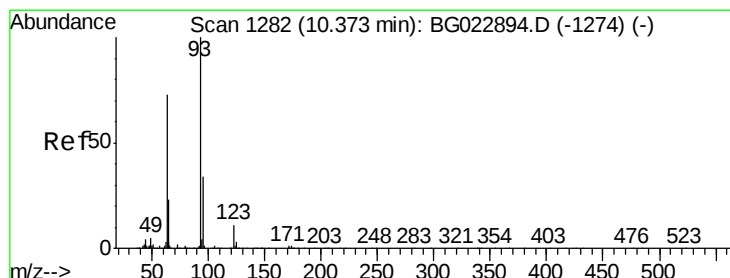
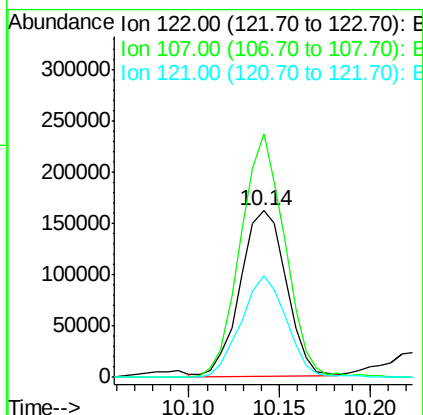
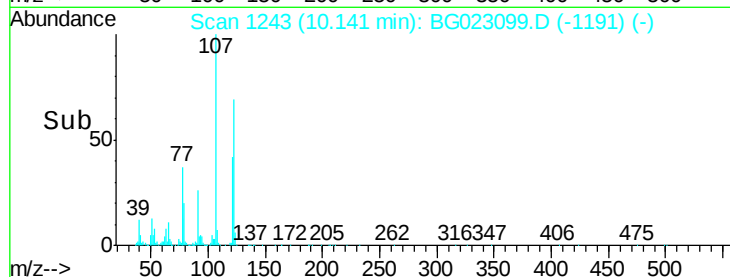


Tot Ion:	122	Resp:	286247
Ion	Ratio	Lower	Upper
122	100		
107	146.0	117.0	175.4
121	60.8	50.1	75.1

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 33.09 ng

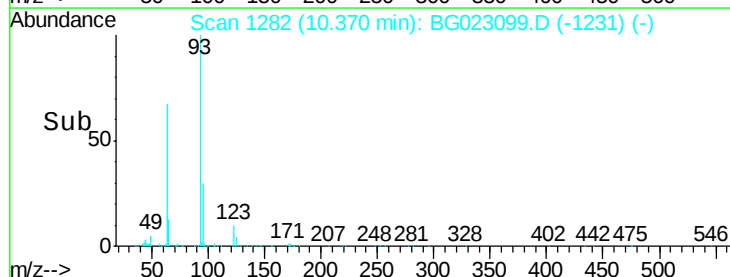
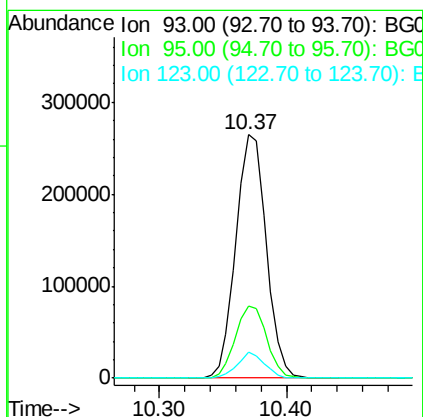
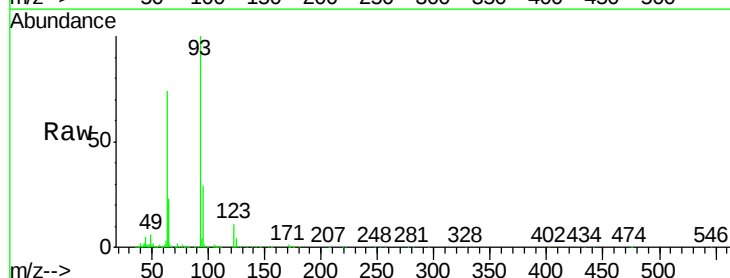
RT: 10.37 min Scan# 1282

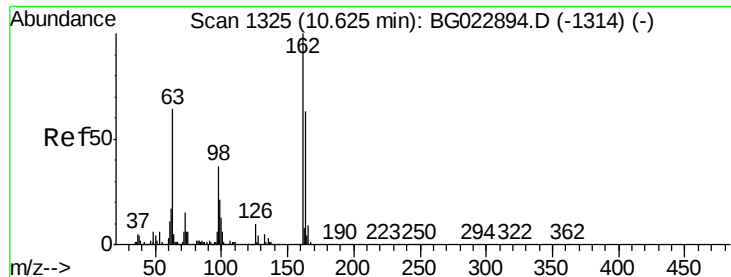
Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Tgt Ion:	93	Resp:	440066
Ion	Ratio	Lower	Upper
93	100		
95	29.5	25.4	38.2
123	10.5	8.2	12.2





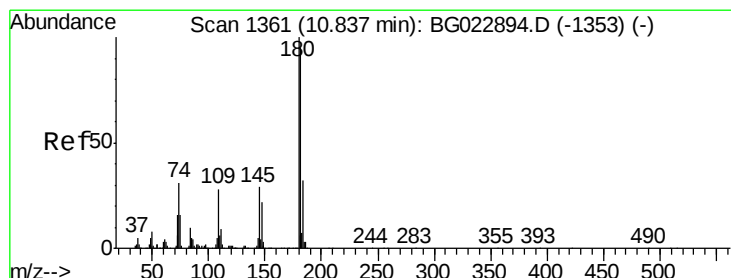
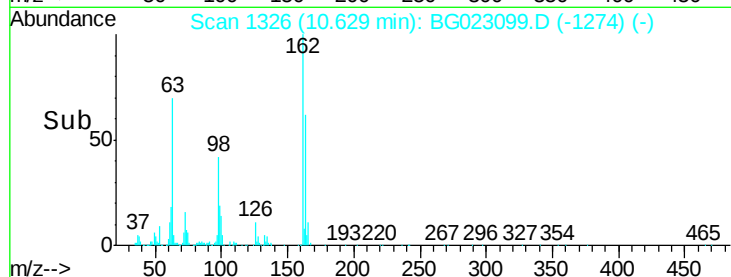
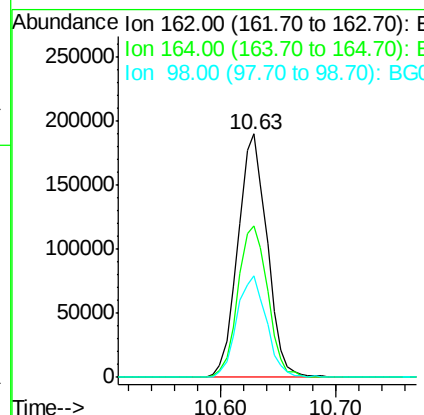
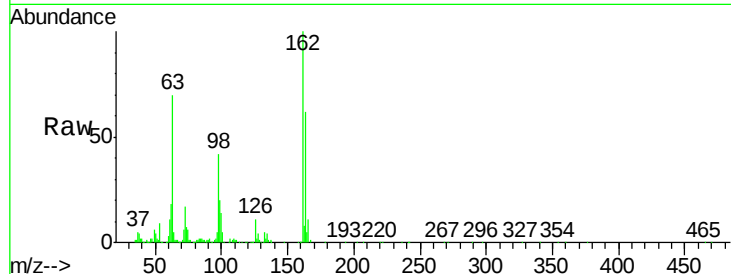
#29
2,4-Dichlorophenol
Concen: 36.49 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.3	84.3
98	41.8	19.5	59.5

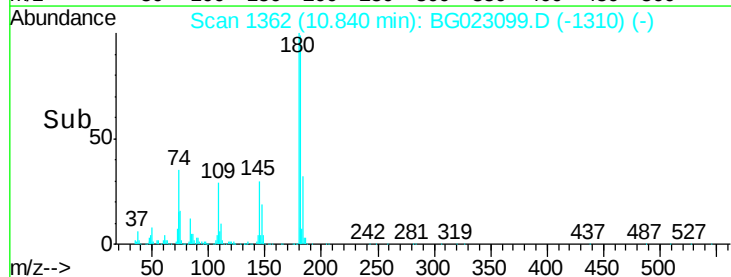
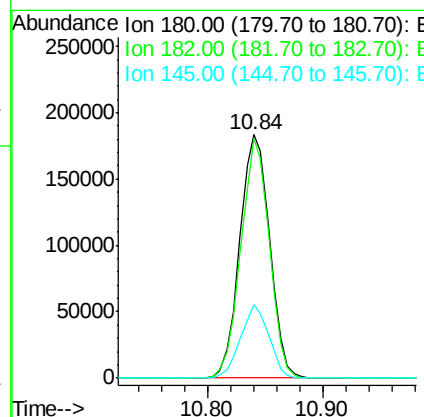
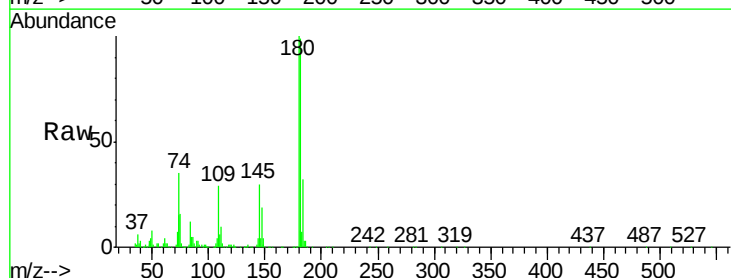
Manual Integrations

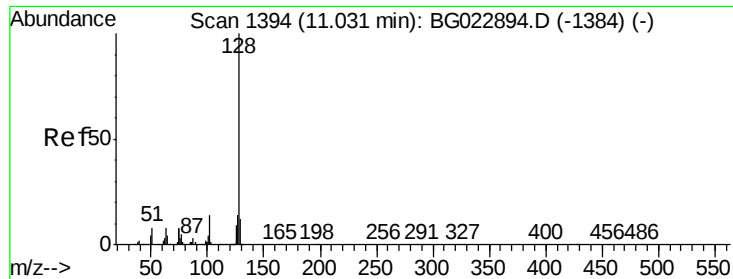
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#30
1,2,4-Trichlorobenzene
Concen: 31.36 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	73.8	110.8
145	30.3	24.4	36.6





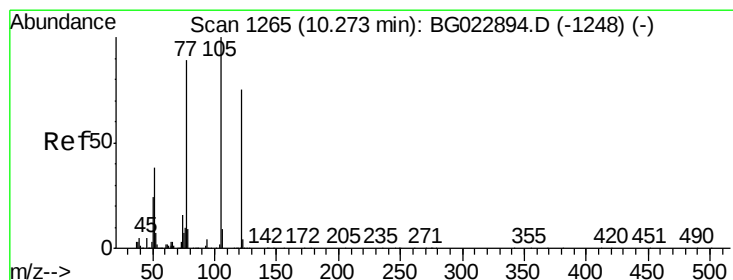
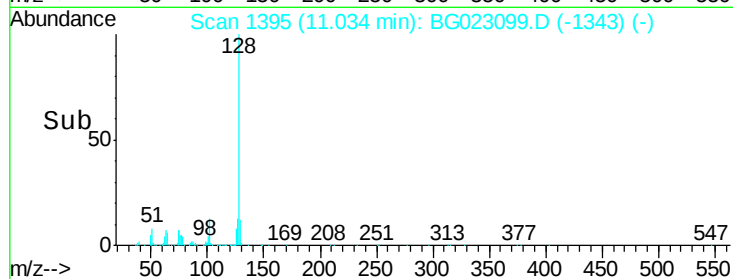
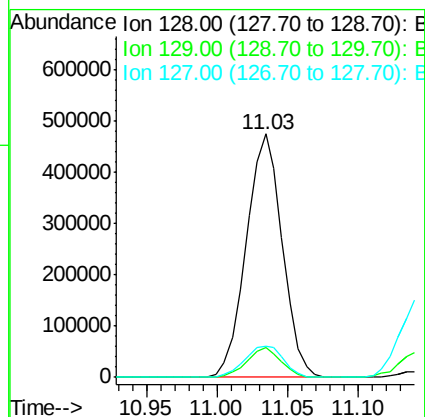
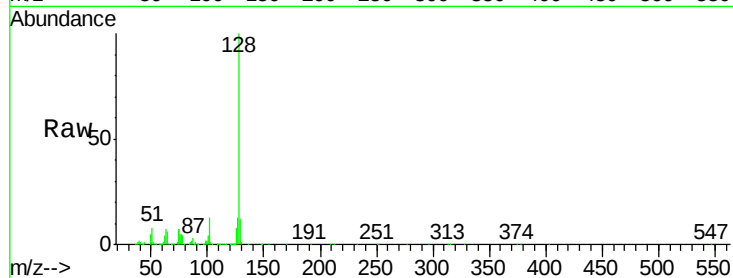
#31
Naphthalene
Concen: 32.83 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.0
127	12.7	11.3	16.9

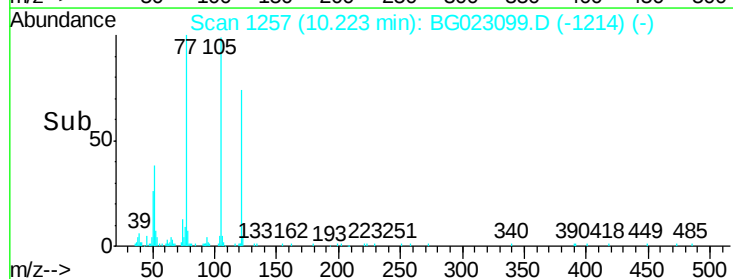
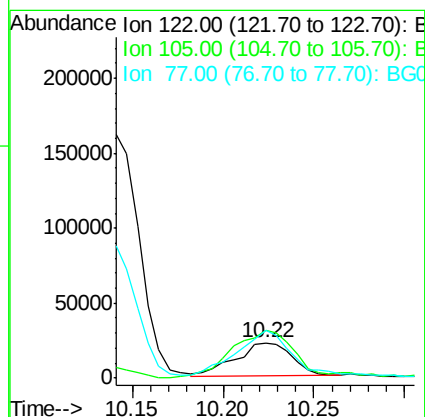
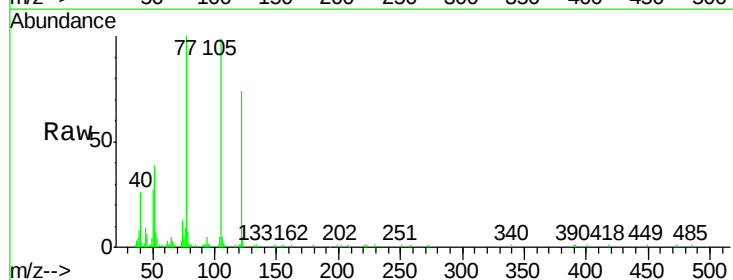
Manual Integrations

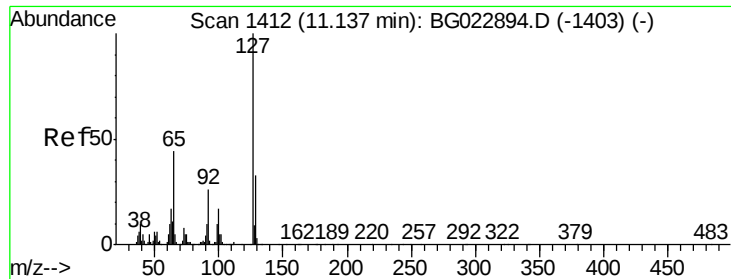
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#32
Benzoic acid
Concen: 5.98 ng
RT: 10.22 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	117.2	157.2
77	134.6	109.2	149.2





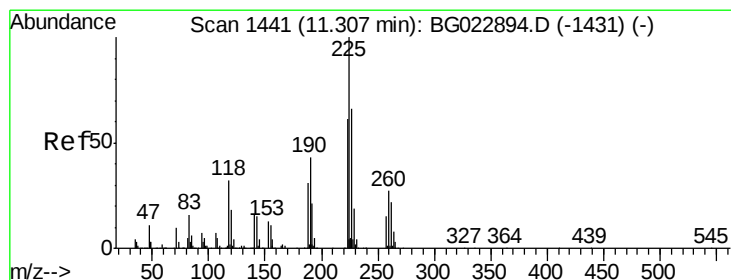
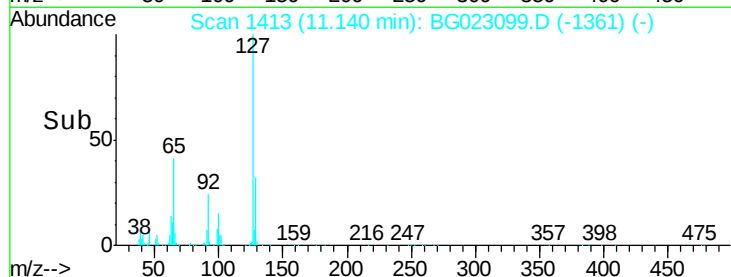
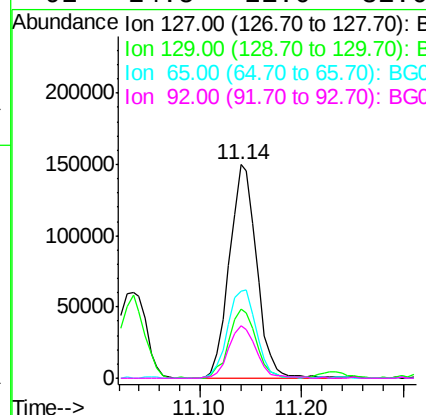
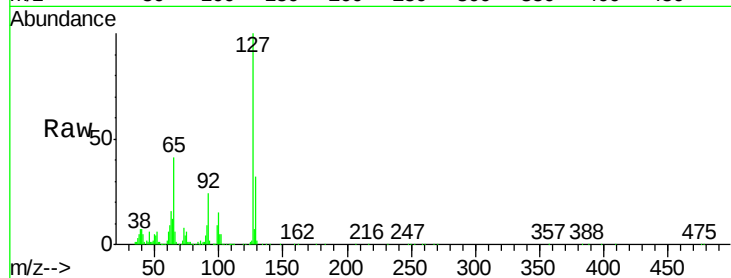
#33
4-Chloroaniline
Concen: 22.26 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		281318		
129	32.1		27.9	41.9	
65	40.8		36.8	55.2	
92	24.5		21.0	31.6	

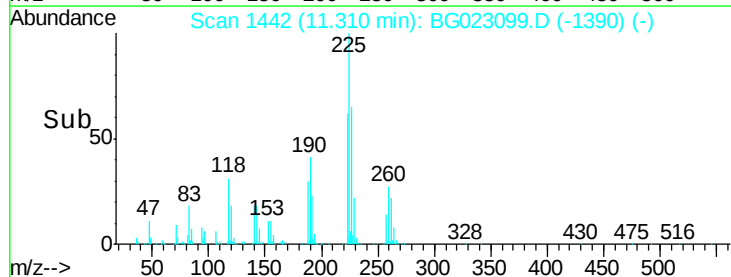
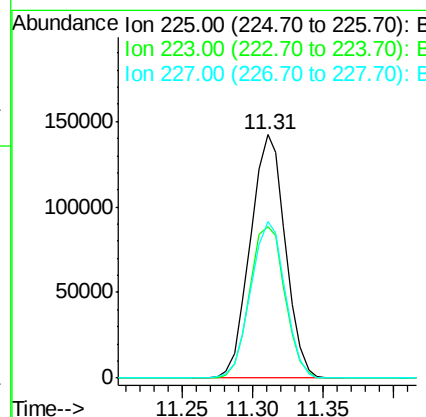
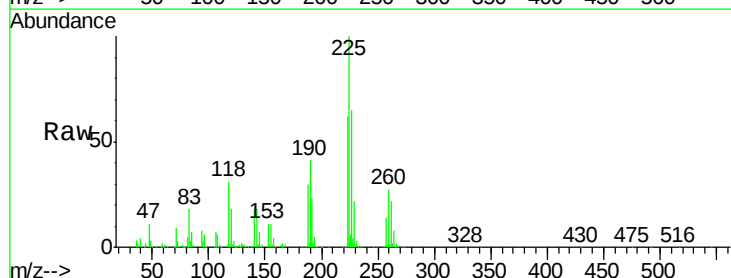
Manual Integrations

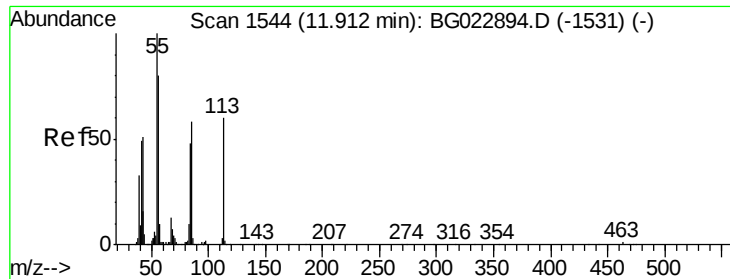
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#34
Hexachlorobutadiene
Concen: 29.19 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		247151		
223	62.1		49.6	74.4	
227	64.5		54.5	81.7	





#35

Caprolactam

Concen: 30.98 ng

RT: 11.91 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tot Ion:113 Resp: 116138

Ion Ratio Lower Upper

113 100

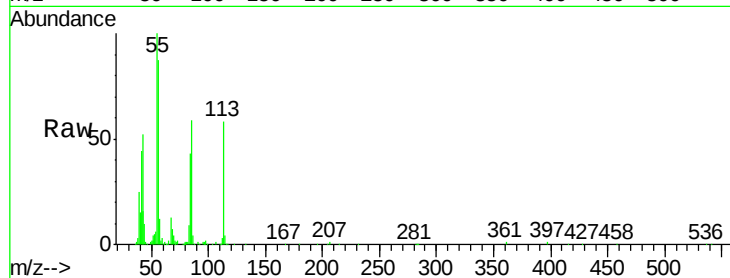
55 171.8 154.5 194.5

56 149.8 125.1 165.1

Manual Integrations

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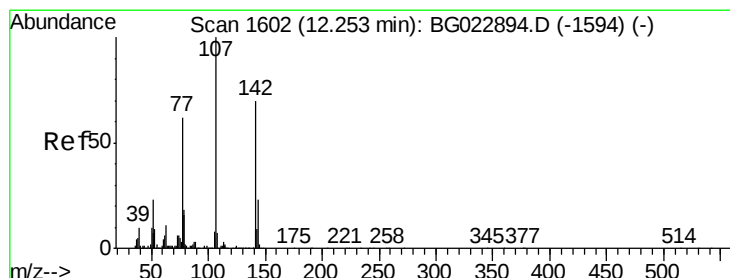
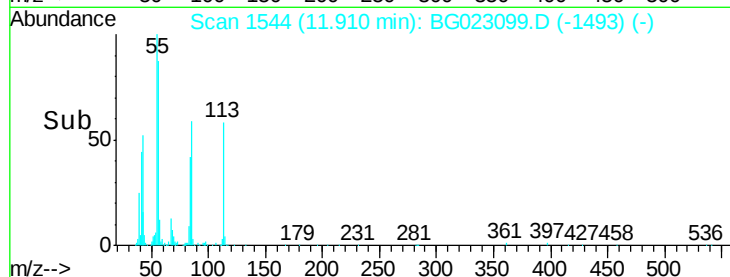
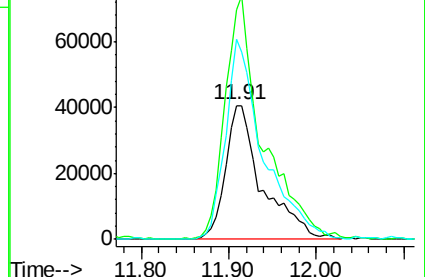
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 33.32 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

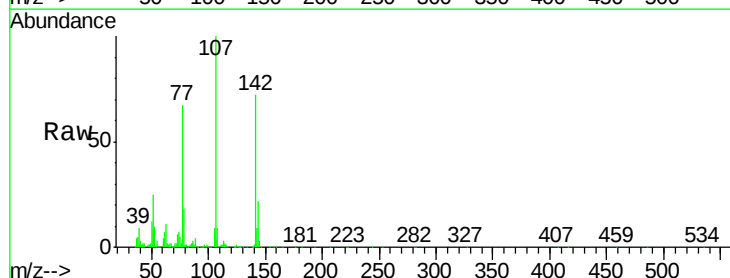
Tgt Ion:107 Resp: 415269

Ion Ratio Lower Upper

107 100

144 21.6 17.0 25.6

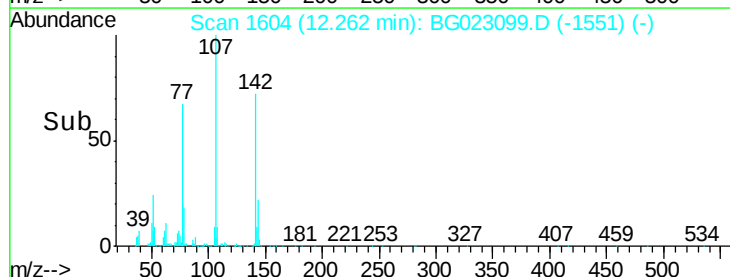
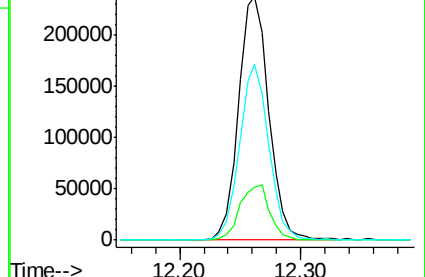
142 72.3 53.0 79.6

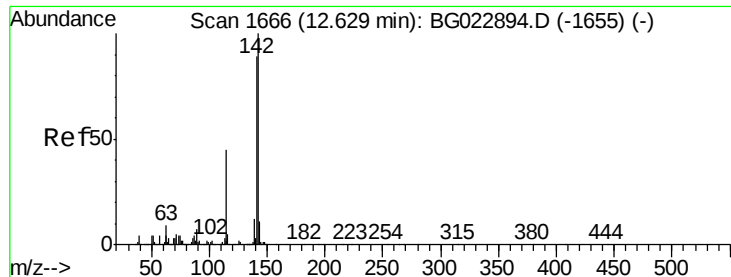


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





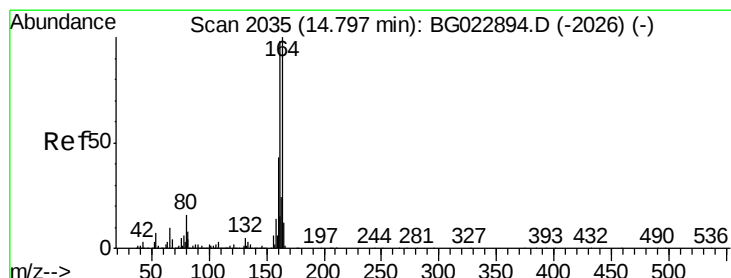
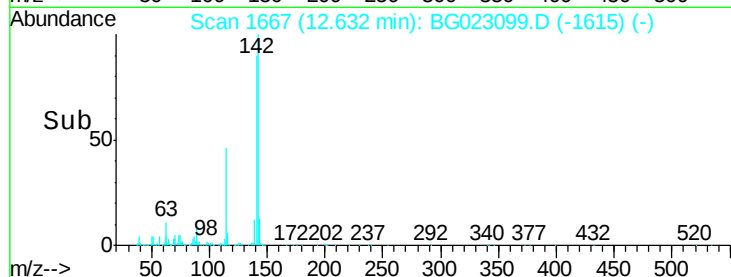
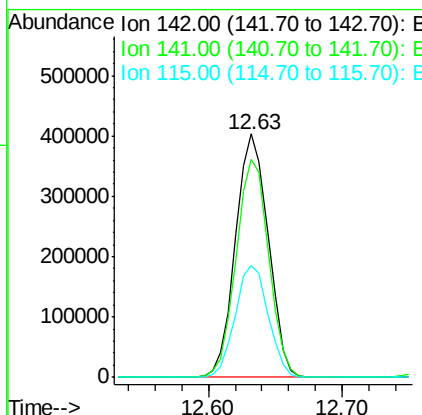
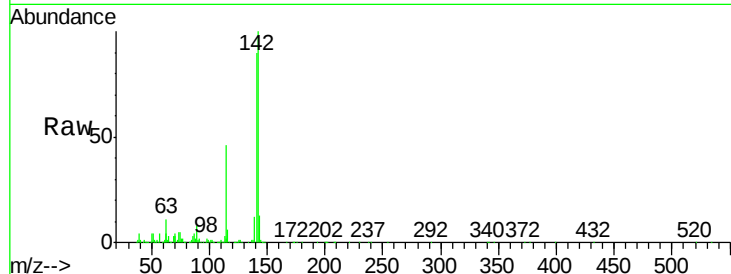
#37
2-Methylnaphthalene
Concen: 33.58 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.2	105.2
115	45.7	41.7	62.5

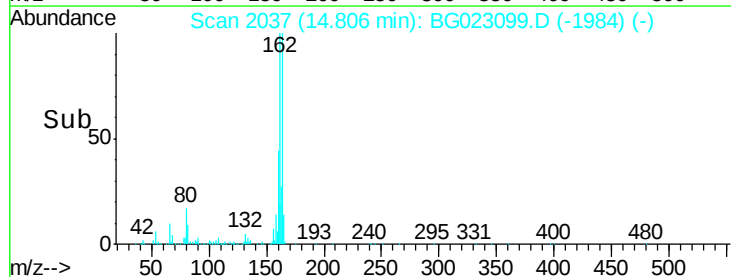
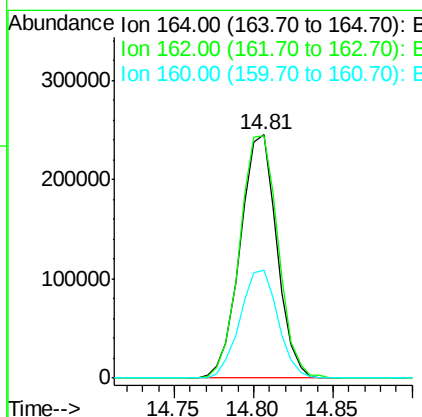
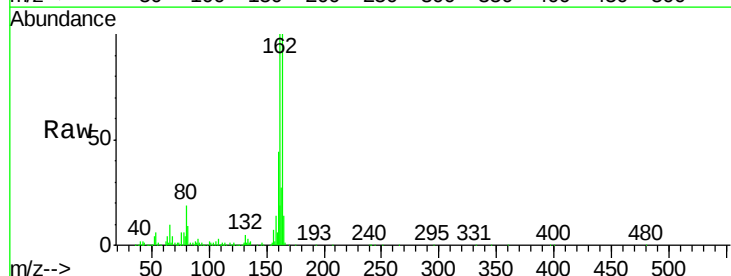
Manual Integrations

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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	87.7	131.5
160	44.2	37.2	55.8





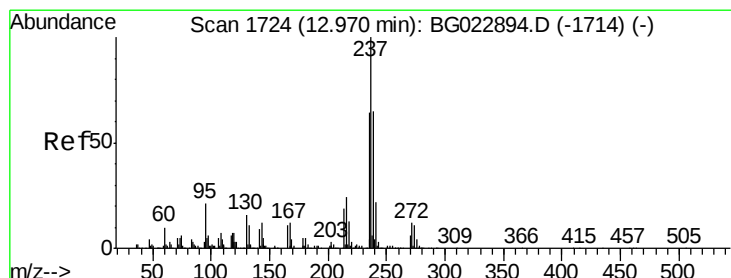
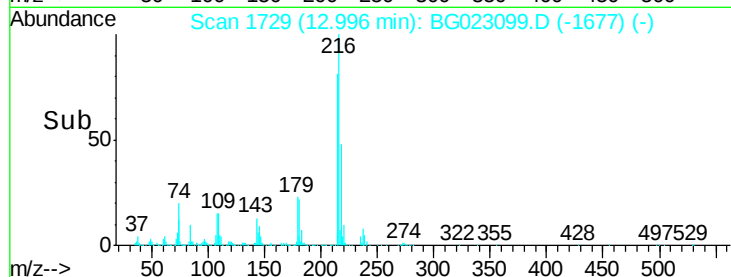
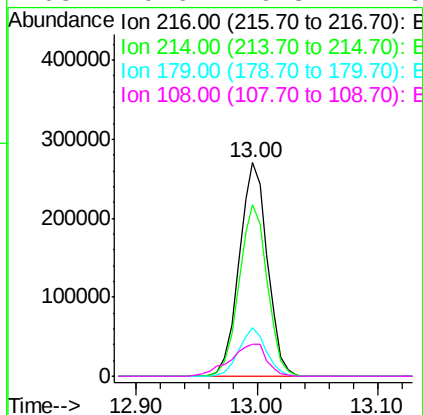
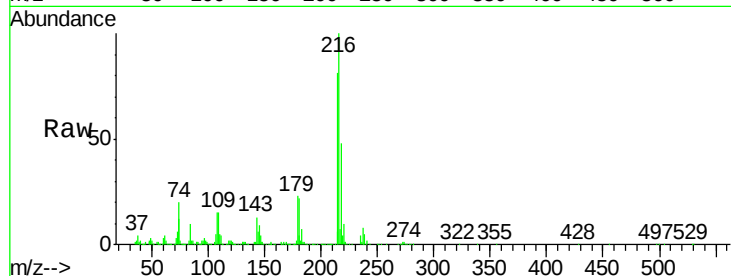
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.94 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Manual Integrations

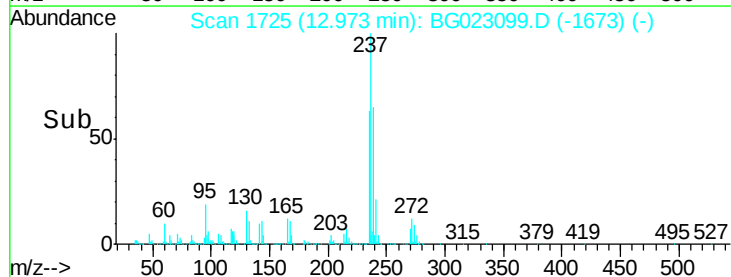
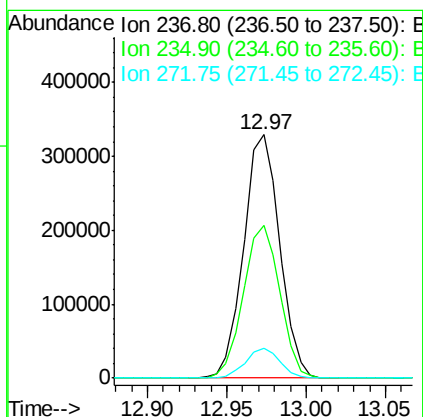
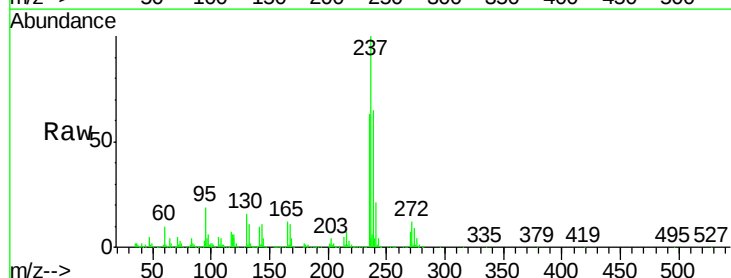
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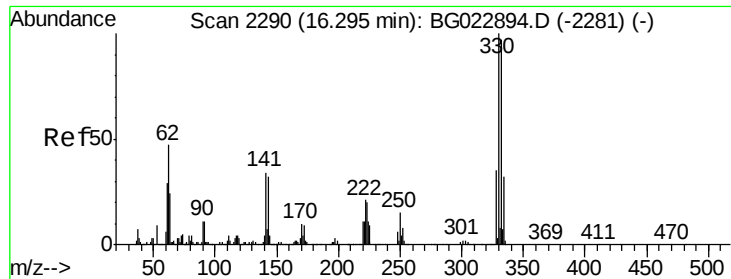
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.2	62.9	94.3		
179	21.8	17.2	25.8		
108	19.6	16.3	24.5		



#40
 Hexachlorocyclopentadiene
 Concen: 53.58 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.9	43.1	83.1		
272	12.1	0.0	30.9		





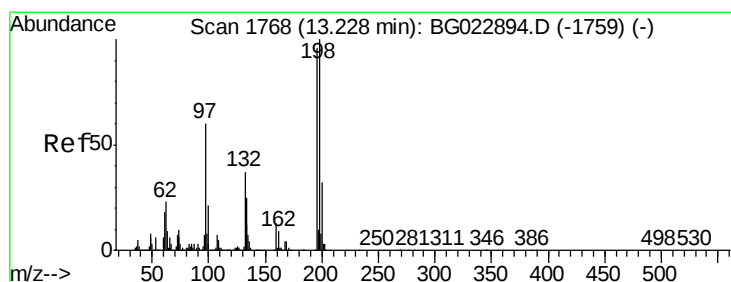
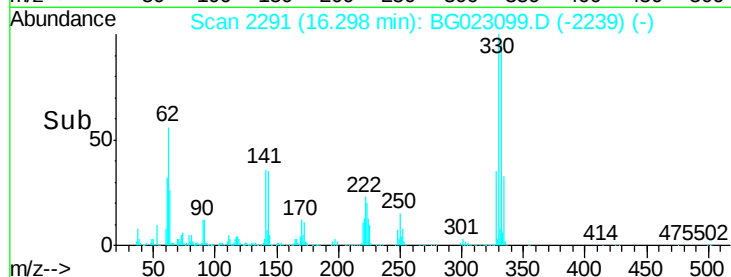
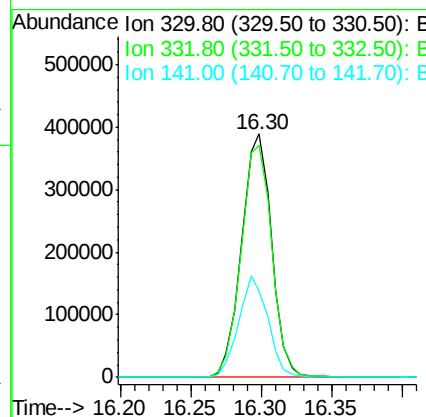
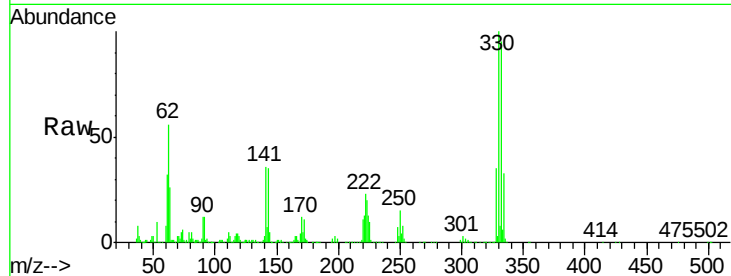
#41
 2,4,6-Tribromophenol
 Concen: 82.17 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	40.7	31.7	47.5

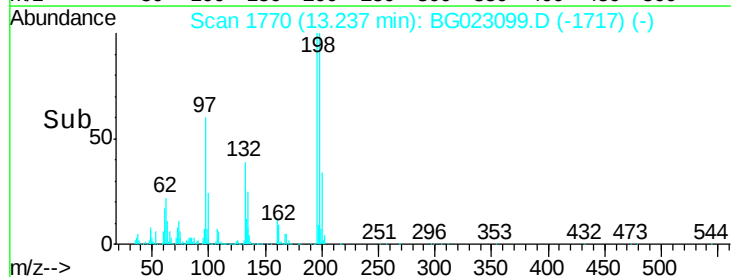
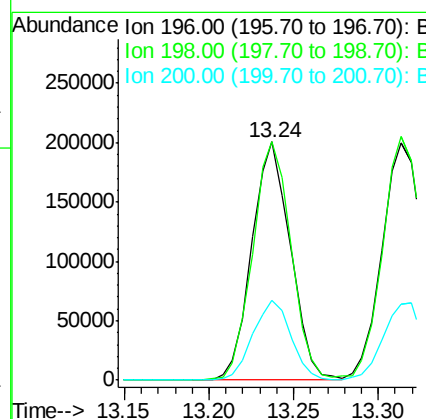
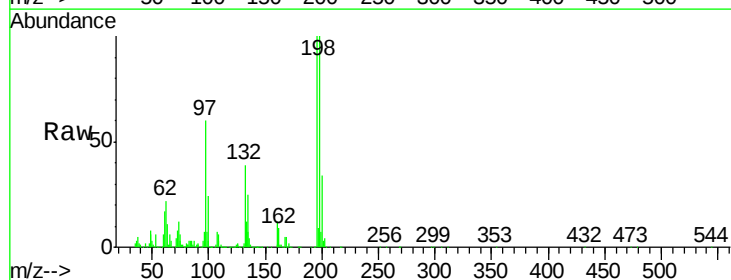
Manual Integrations

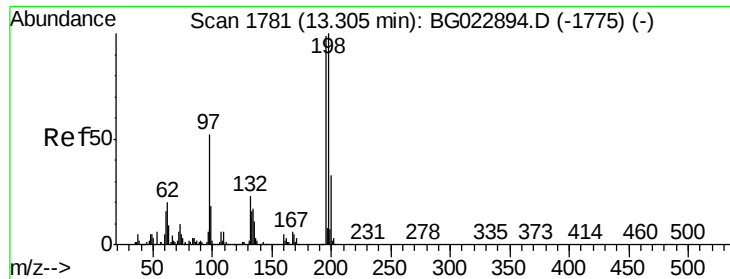
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#42
 2,4,6-Trichlorophenol
 Concen: 32.93 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	78.2	117.2
200	33.6	27.0	40.4





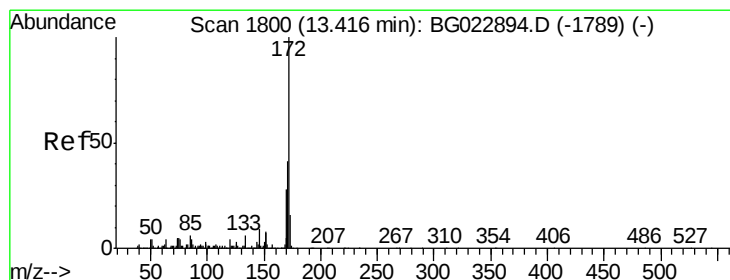
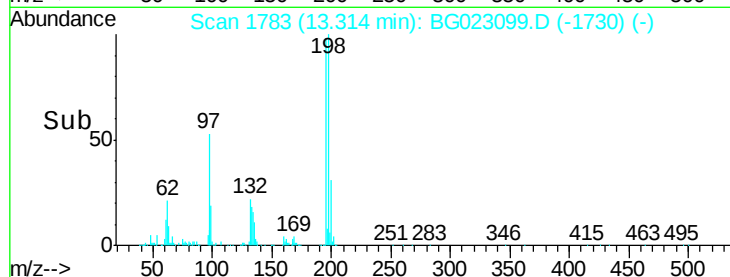
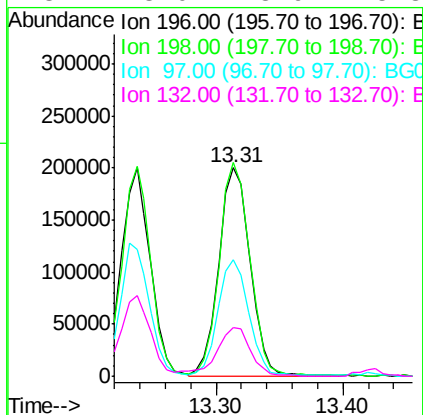
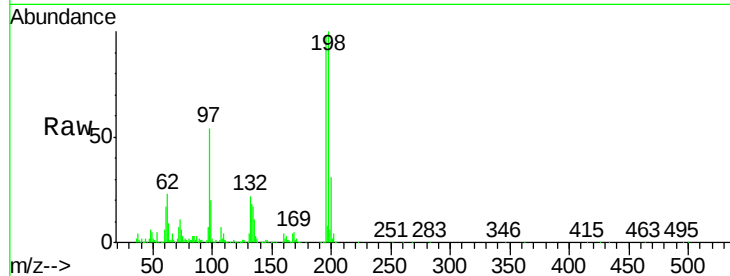
#43
 2,4,5-Trichlorophenol
 Concen: 34.49 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.4	85.7	128.5
97	55.6	45.5	68.3
132	23.0	18.9	28.3

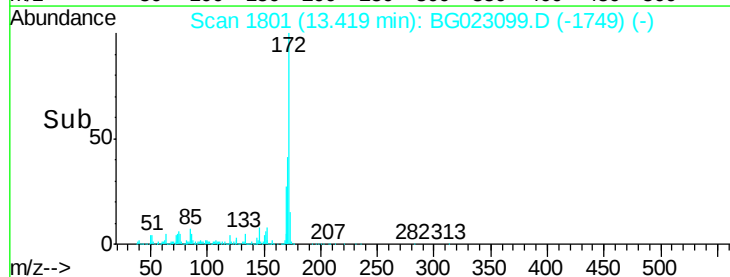
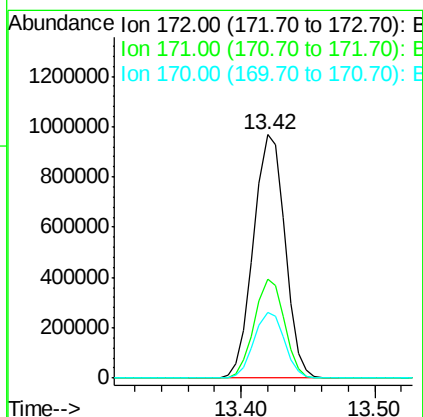
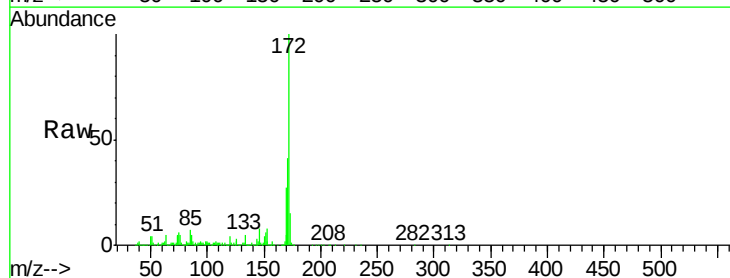
Manual Integrations

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#44
 2-Fluorobiphenyl
 Concen: 63.42 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	31.6	47.4
170	26.9	21.3	31.9





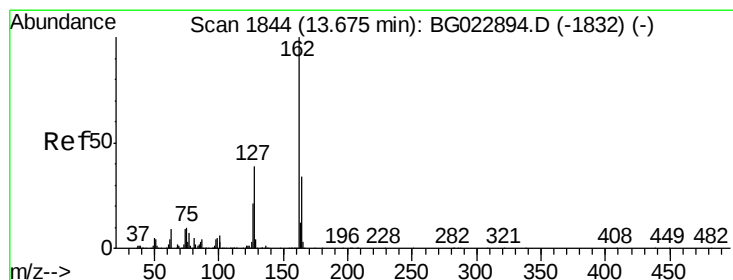
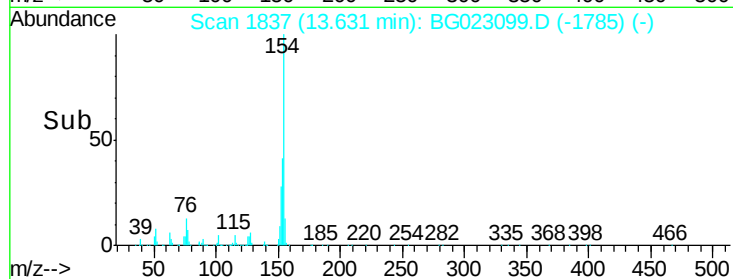
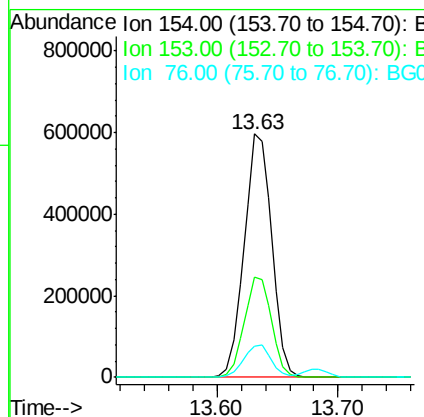
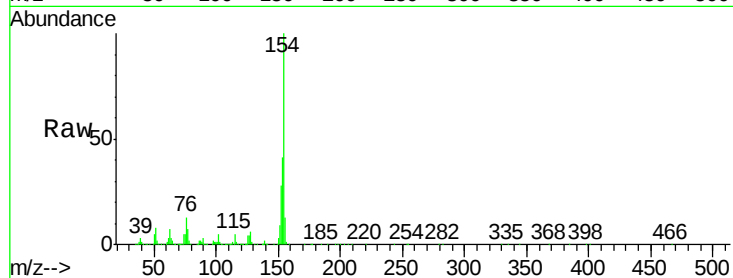
#45
 1,1'-Biphenyl
 Concen: 32.35 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion:	154	Resp:	949686
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.2	60.2
76	13.0	0.0	32.9

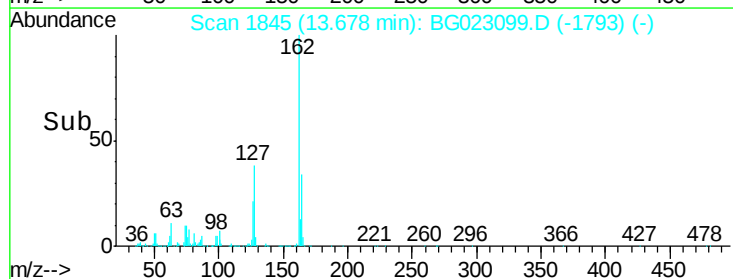
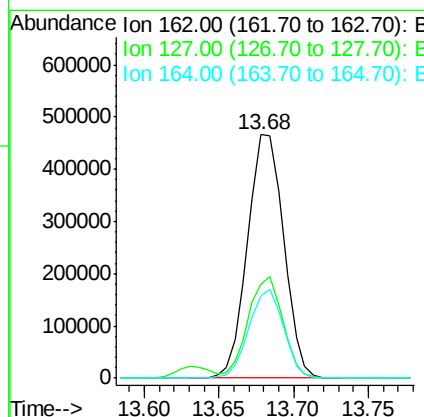
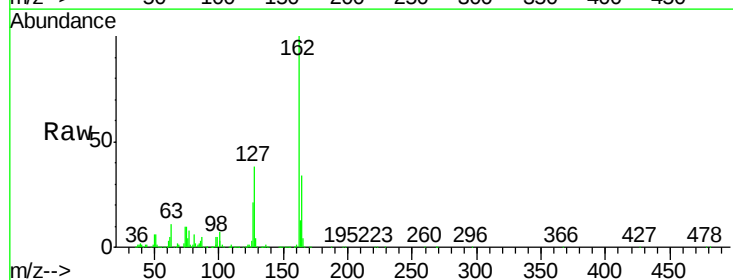
Manual Integrations

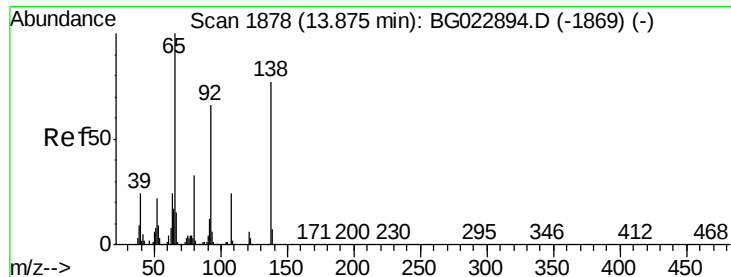
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#46
 2-Chloronaphthalene
 Concen: 32.86 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion:	162	Resp:	782513
Ion Ratio	Lower	Upper	
162	100		
127	38.3	32.4	48.6
164	33.8	25.2	37.8





#47

2-Nitroaniline

Concen: 33.65 ng

RT: 13.88 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tot Ion: 65 Resp: 341893

Ion Ratio Lower Upper

65 100

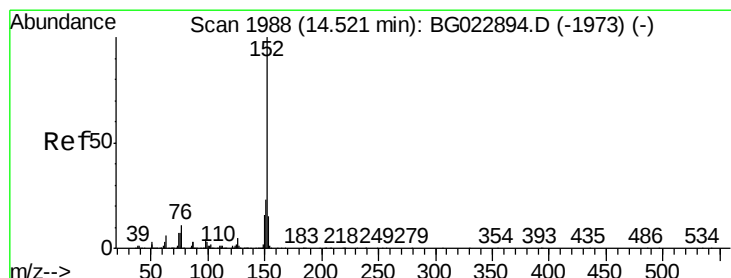
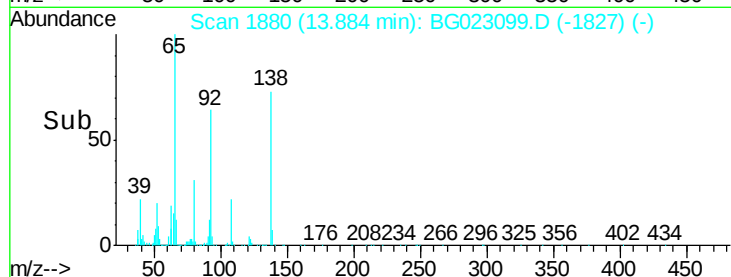
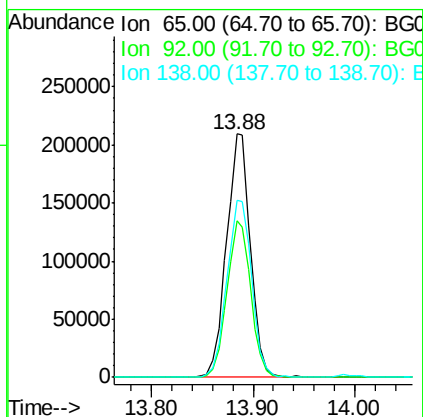
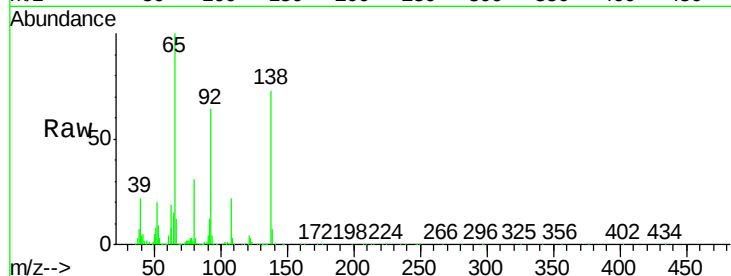
92 64.4 49.4 74.0

138 72.6 58.0 87.0

Manual Integrations

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#48

Acenaphthylene

Concen: 32.92 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

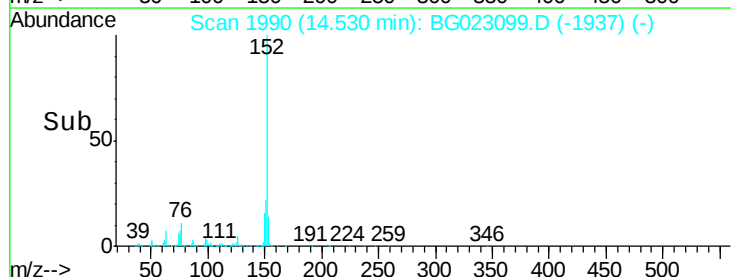
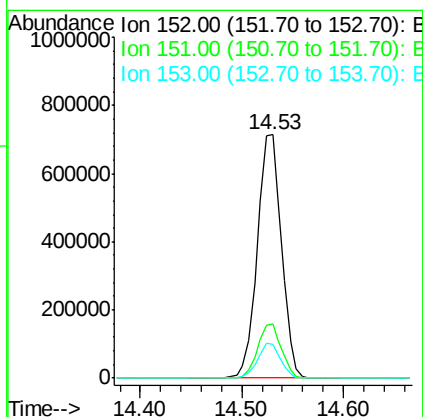
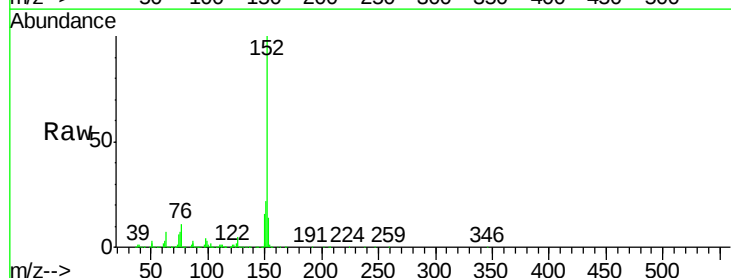
Tgt Ion: 152 Resp: 1175785

Ion Ratio Lower Upper

152 100

151 22.1 17.6 26.4

153 14.0 11.4 17.2





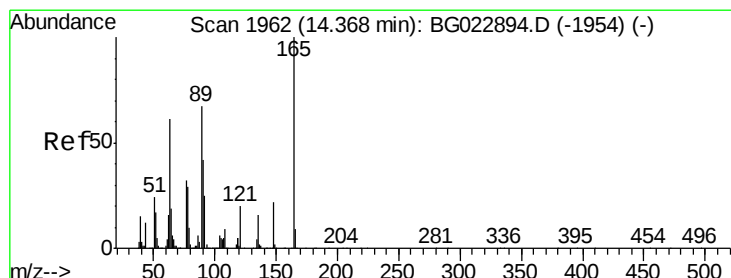
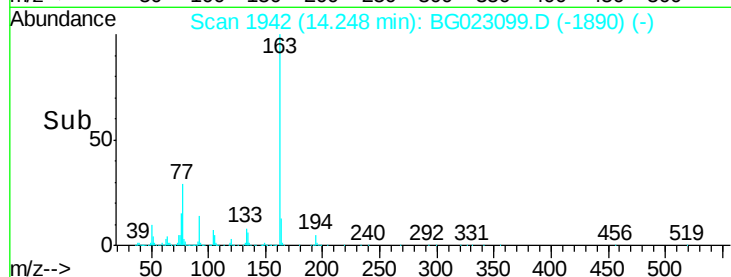
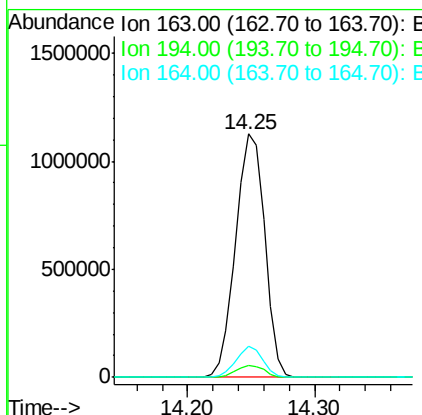
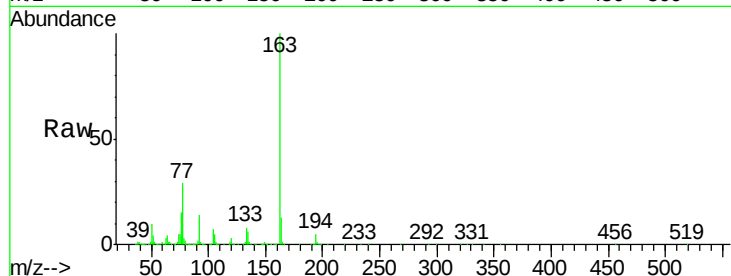
#49
Dimethylphthalate
Concen: 55.95 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion:163 Resp: 1787938
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 12.6 8.1 12.1#

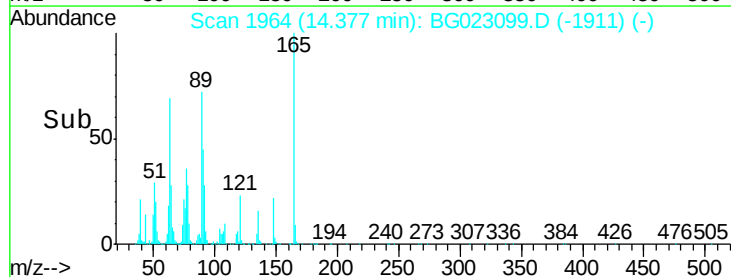
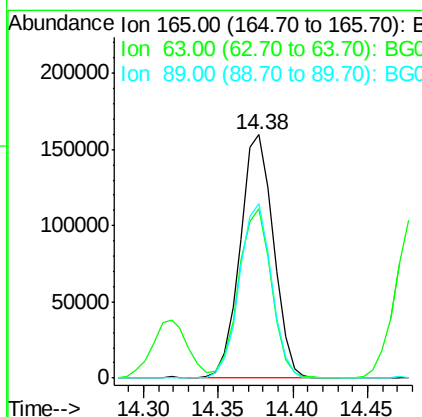
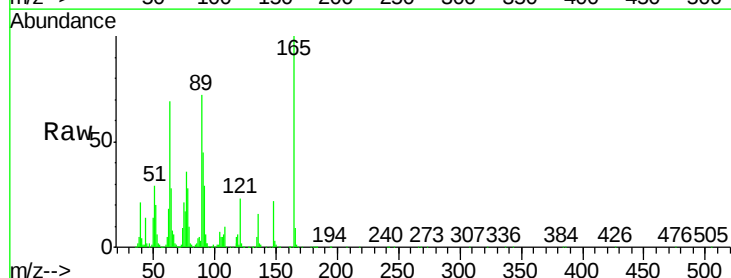
Manual Integrations

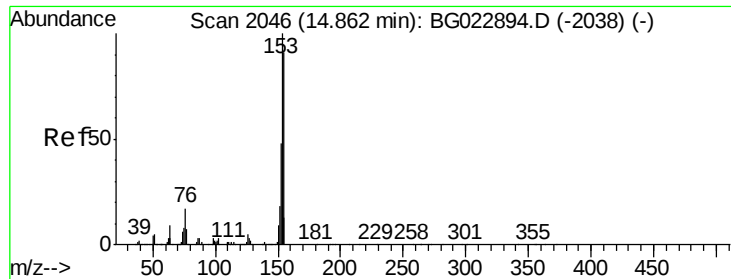
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#50
2,6-Dinitrotoluene
Concen: 34.44 ng
RT: 14.38 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion:165 Resp: 247304
Ion Ratio Lower Upper
165 100
63 69.4 64.3 96.5
89 71.7 64.3 96.5





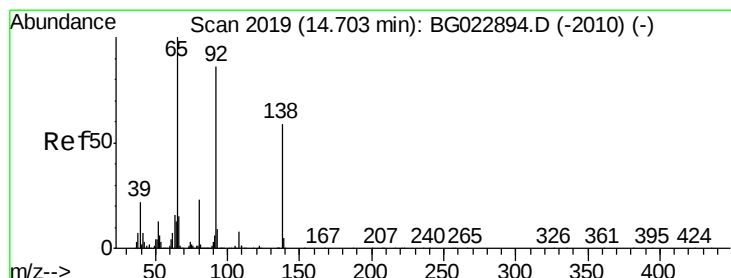
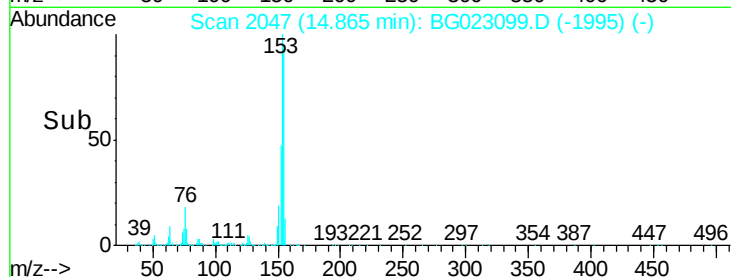
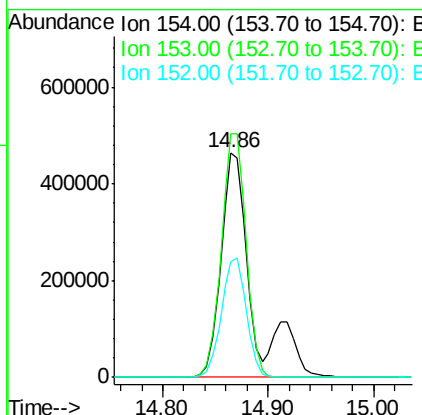
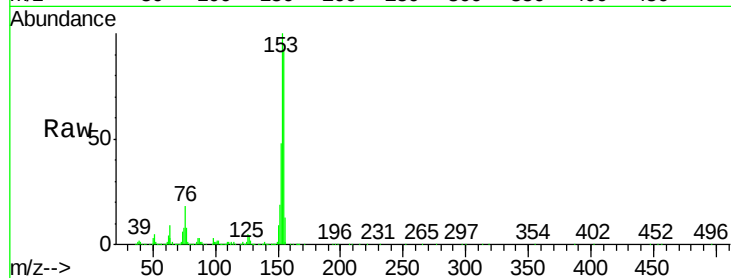
#51
Acenaphthene
Concen: 40.67 ng/ml
RT: 14.86 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	108.3	87.5	131.3
152	51.6	42.7	64.1

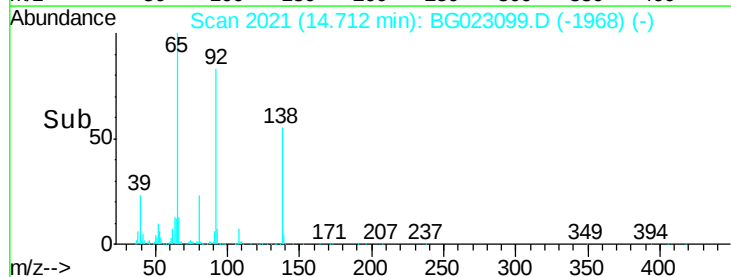
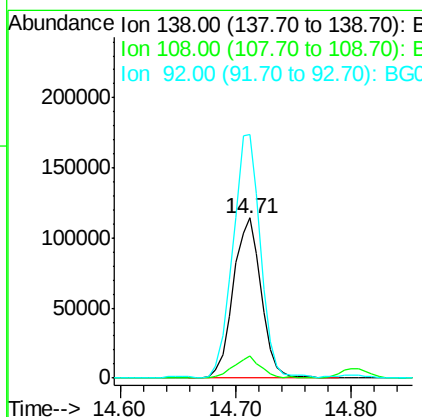
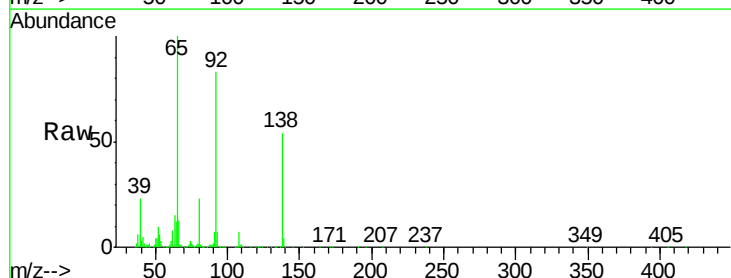
Manual Integrations

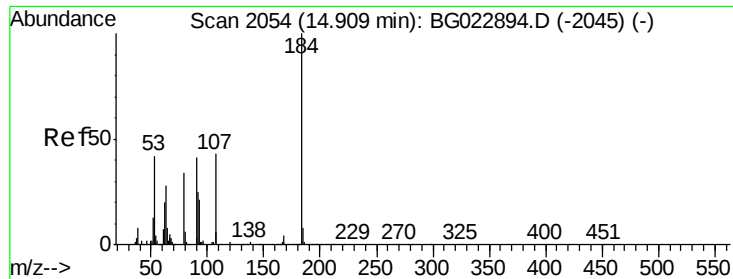
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#52
3-Nitroaniline
Concen: 26.66 ng/ml
RT: 14.71 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.6	11.7	17.5
92	152.0	129.7	194.5





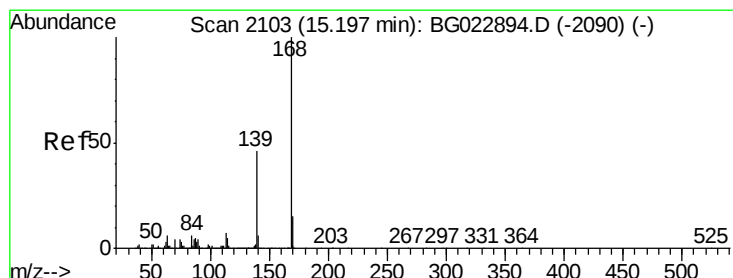
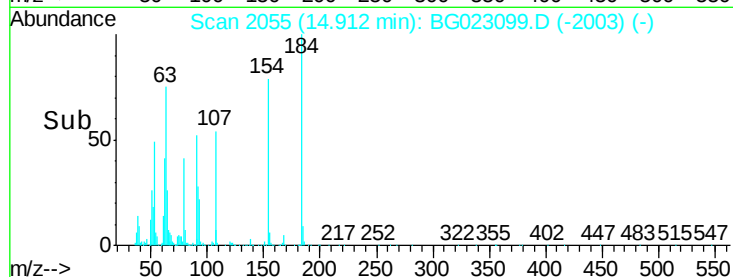
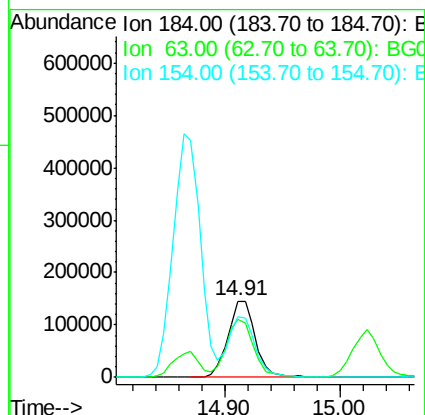
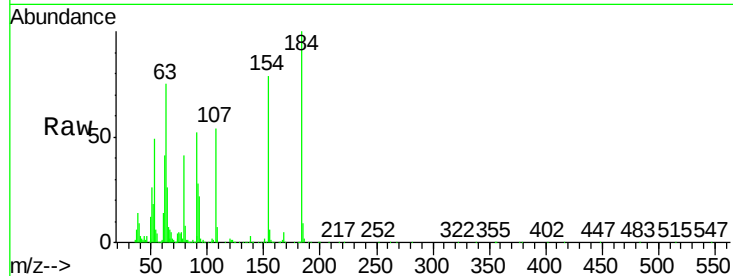
#53
2,4-Dinitrophenol
Concen: 48.94 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.4	59.6	89.4
154	79.2	67.4	101.0

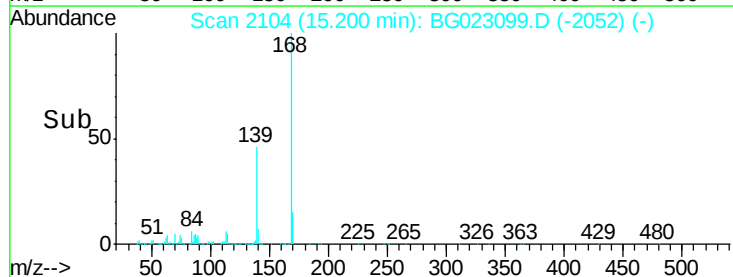
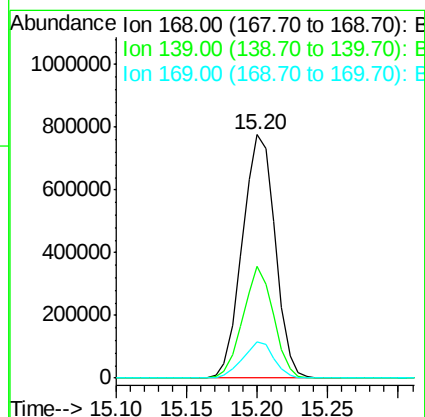
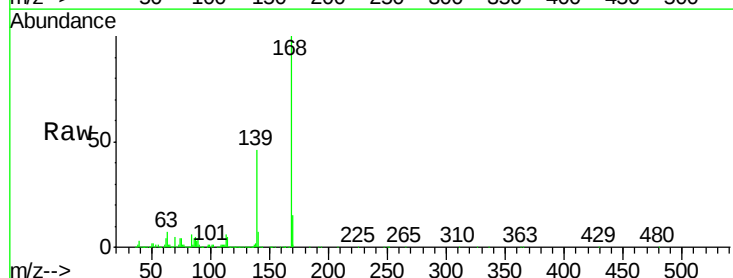
Manual Integrations

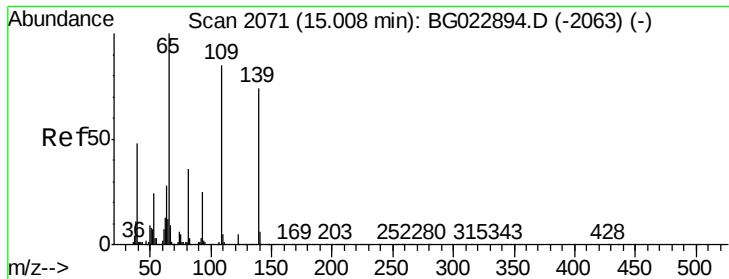
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#54
Dibenzofuran
Concen: 36.08 ng
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.0	36.4	54.6
169	14.6	11.9	17.9





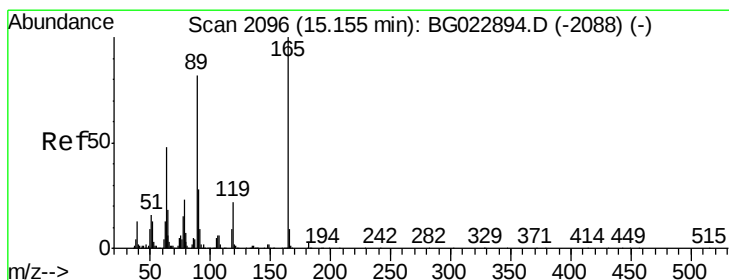
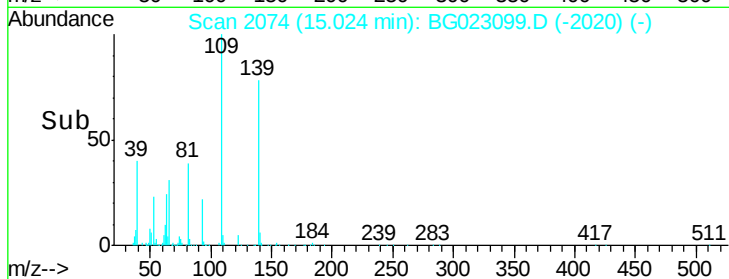
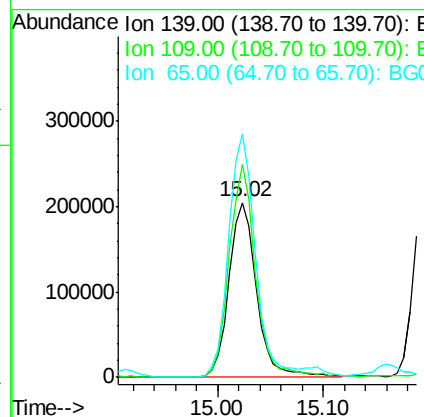
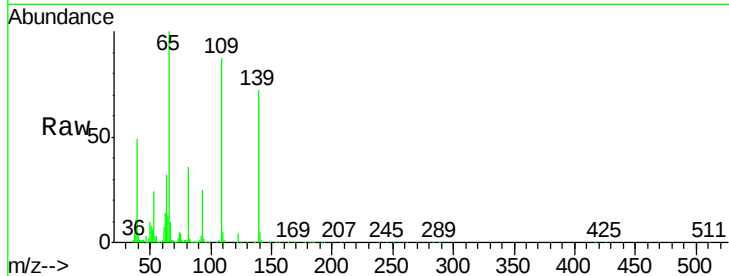
#55
4-Nitrophenol
Concen: 61.92 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	121.7	103.0	143.0
65	139.5	112.7	152.7

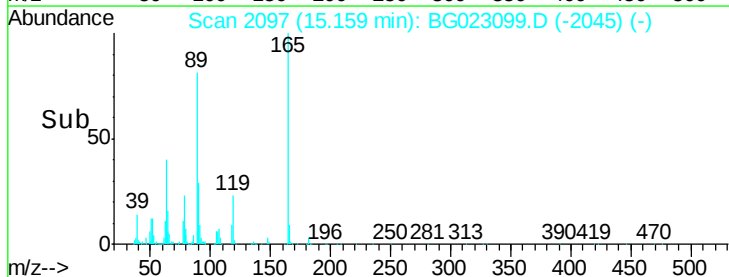
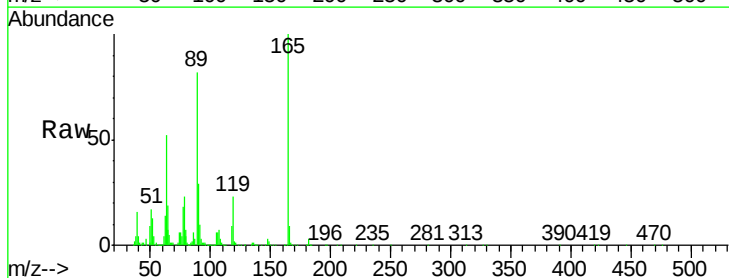
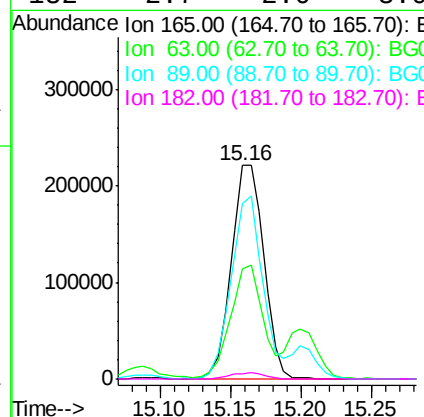
Manual Integrations

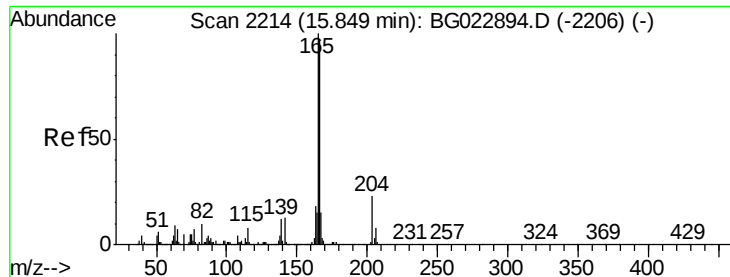
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#56
2,4-Dinitrotoluene
Concen: 33.87 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.9	45.8	68.6
89	82.1	68.6	102.8
182	2.7	2.0	3.0





#57

Fluorene

Concen: 33.19 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tot Ion:166 Resp: 998026

Ion Ratio Lower Upper

166 100

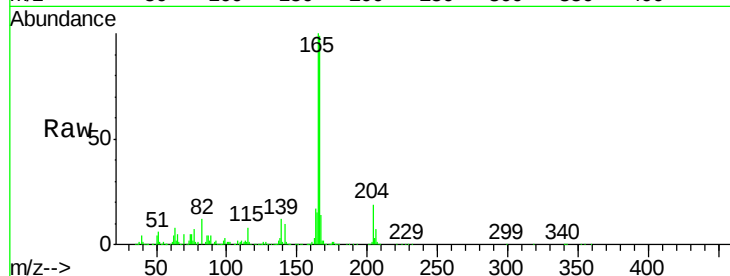
165 100.6 81.0 121.6

167 14.3 12.0 18.0

Manual Integrations

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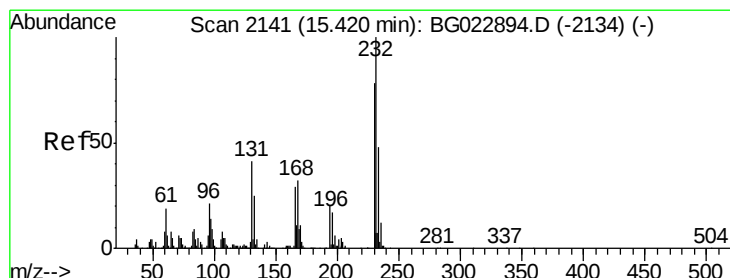
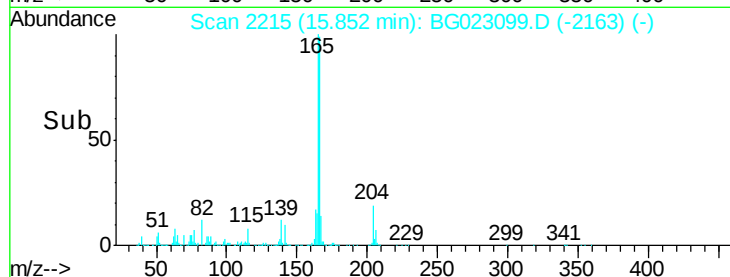
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.85

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.95 ng m

RT: 15.43 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Tgt Ion:232 Resp: 337974

Ion Ratio Lower Upper

232 100

131 36.5 32.7 49.1

130 2.6 2.6 3.8

166 25.1 23.0 34.6

Abundance Ion 232.00 (231.70 to 232.70): E

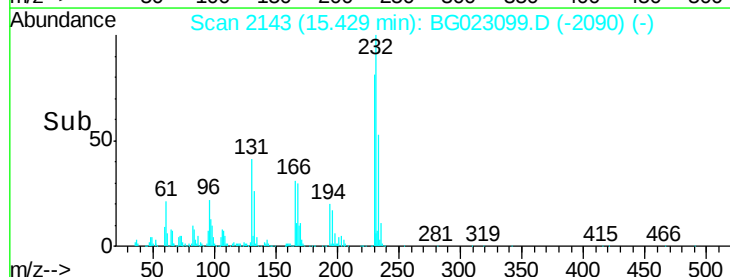
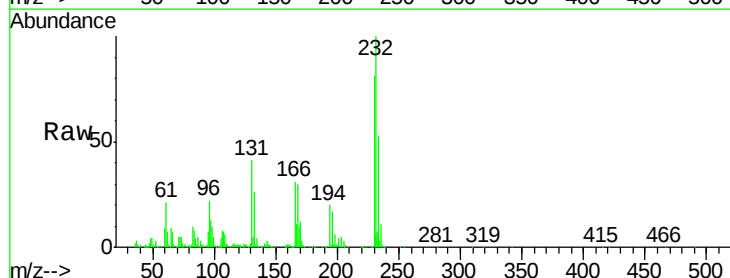
Ion 131.00 (130.70 to 131.70): E

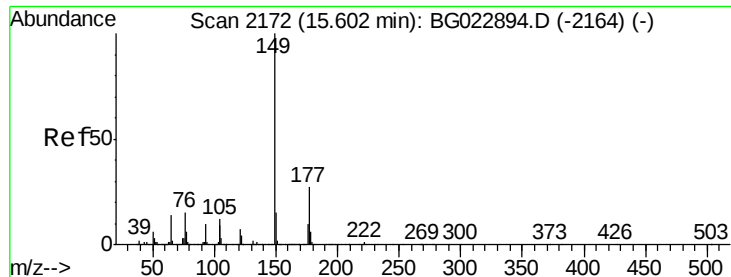
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

15.43

Time-->





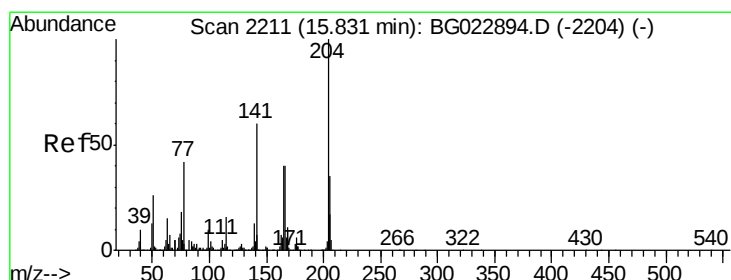
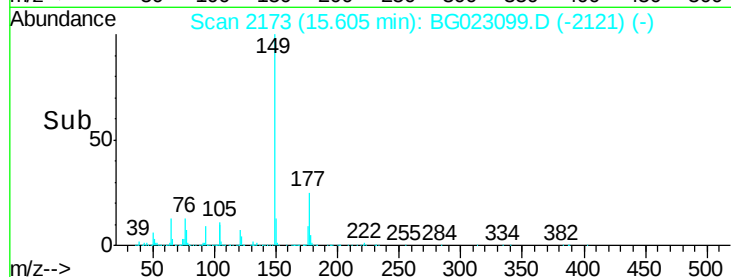
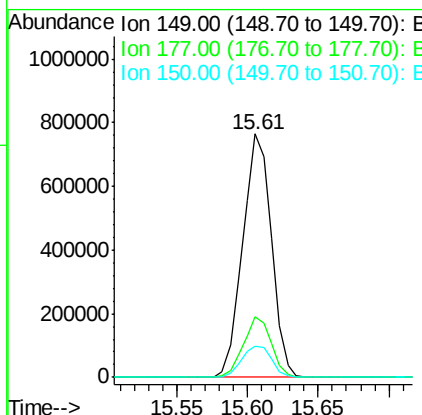
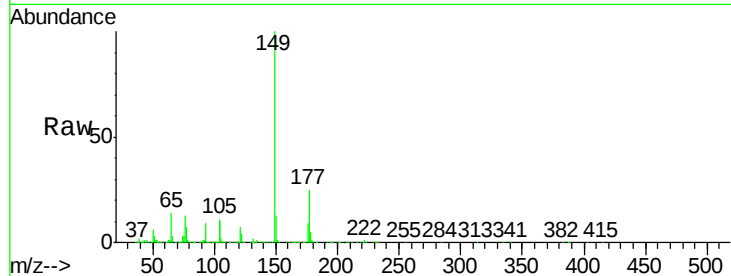
#59
Diethylphthalate
Concen: 33.46 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
177	24.7	19.2	28.8	
150	13.0	10.6	16.0	

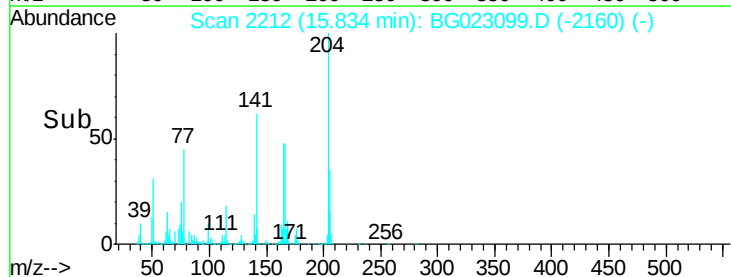
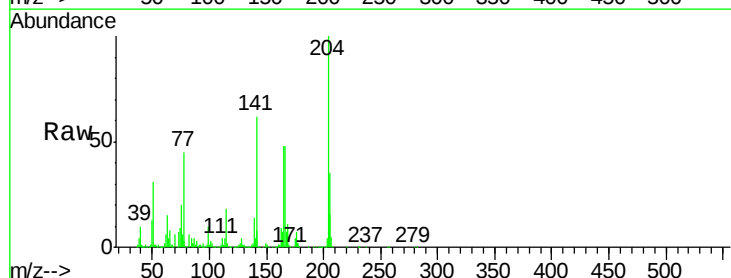
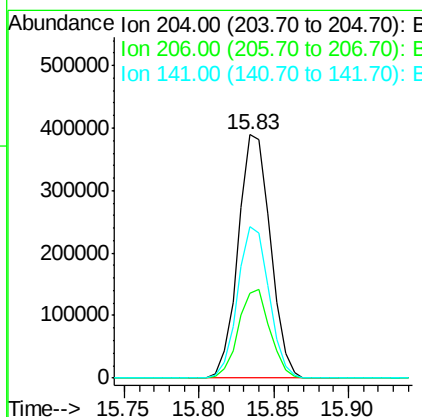
Manual Integrations

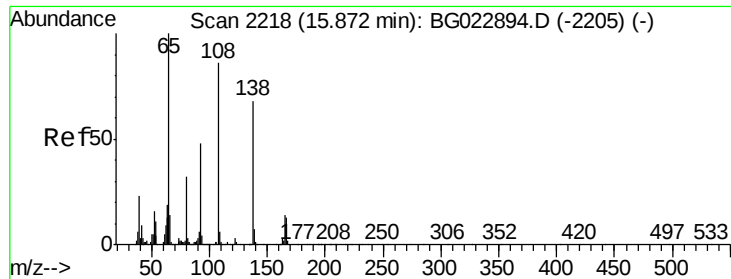
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#60
4-Chlorophenyl-phenylether
Concen: 31.75 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
204	100			
206	34.8	28.5	42.7	
141	62.0	51.4	77.0	





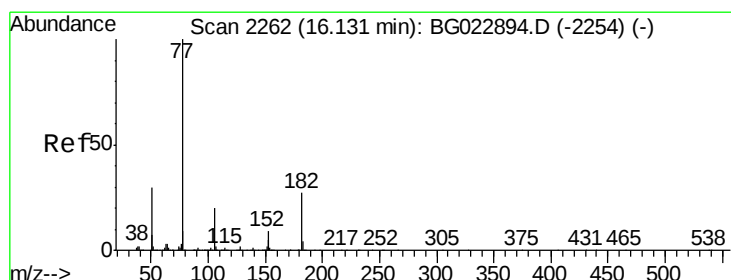
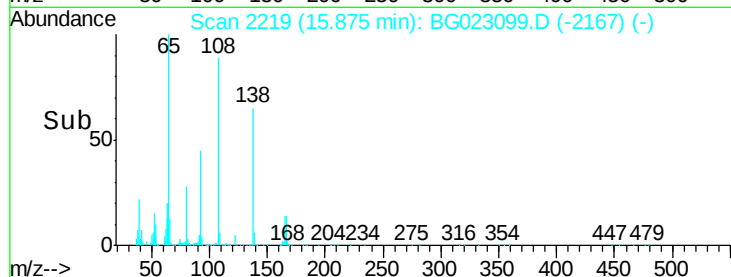
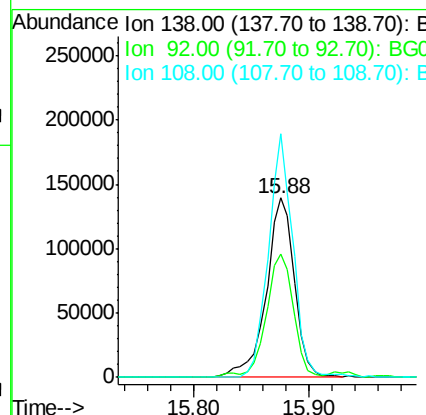
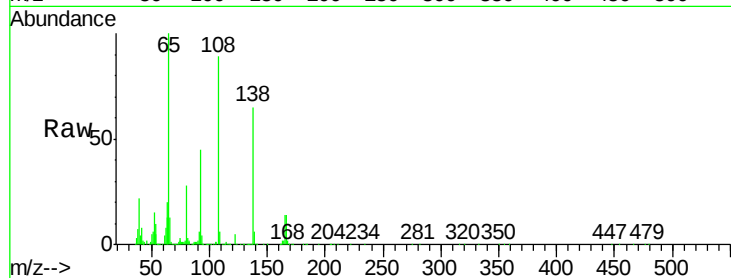
#61
4-Nitroaniline
Concen: 30.58 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	68.9	54.1	94.1
108	136.0	133.9	173.9

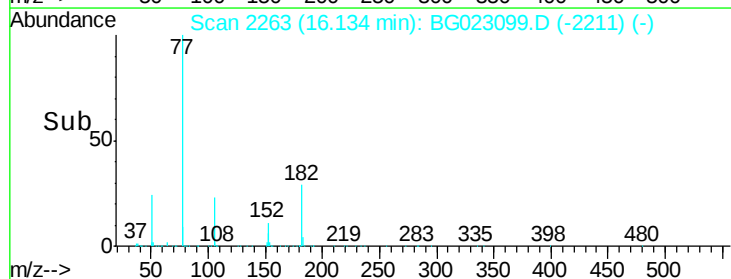
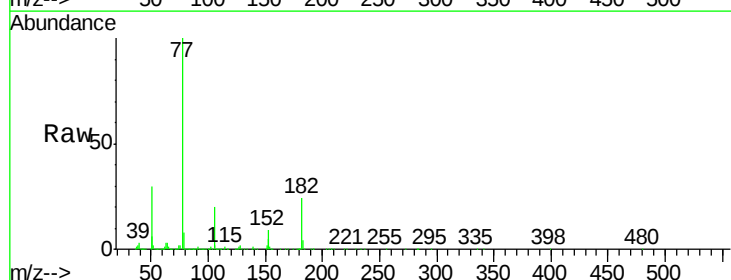
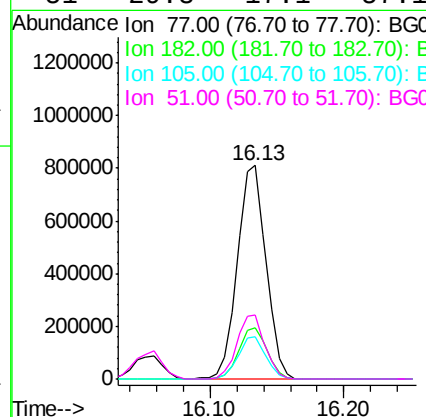
Manual Integrations

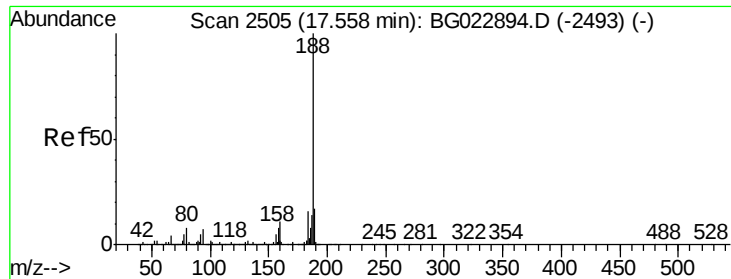
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7/15/2016 9:14:15 AM



#62
Azobenzene
Concen: 38.77 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	3.5	43.5
105	19.6	0.0	38.5
51	29.8	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: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tot Ion:188 Resp: 907873

Ion Ratio Lower Upper

188 100

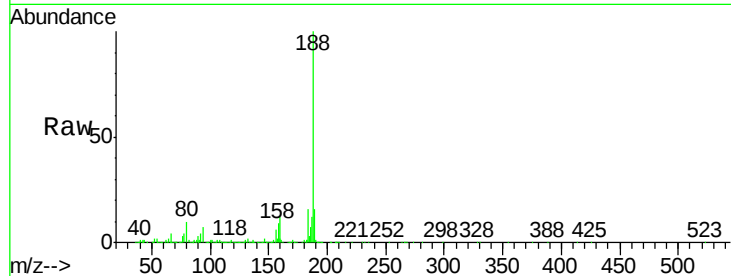
94 7.2 5.2 7.8

80 10.1 7.2 10.8

Manual Integrations

Sohil

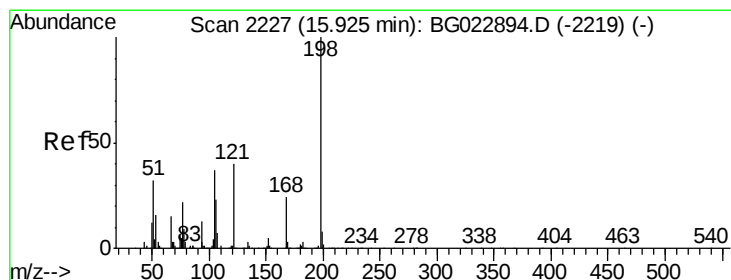
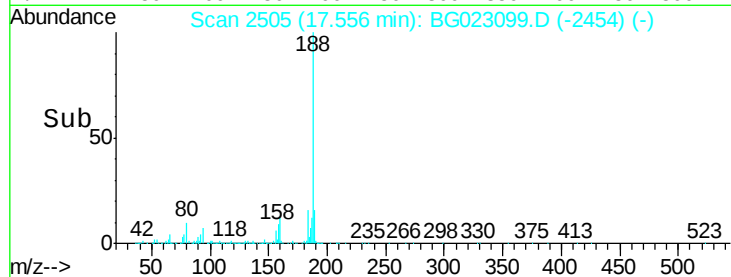
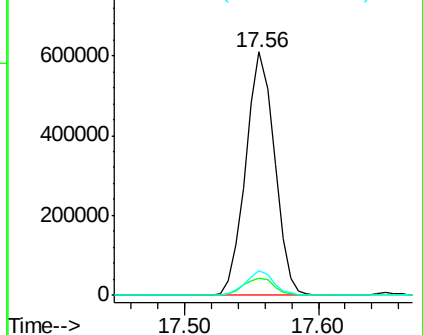
7/15/2016 9:14:15 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 31.40 ng

RT: 15.93 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

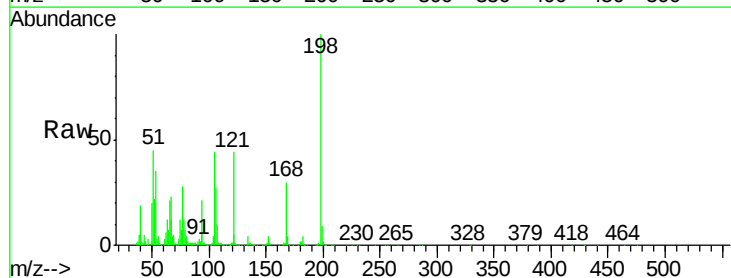
Tgt Ion:198 Resp: 211846

Ion Ratio Lower Upper

198 100

51 44.9 26.0 66.0

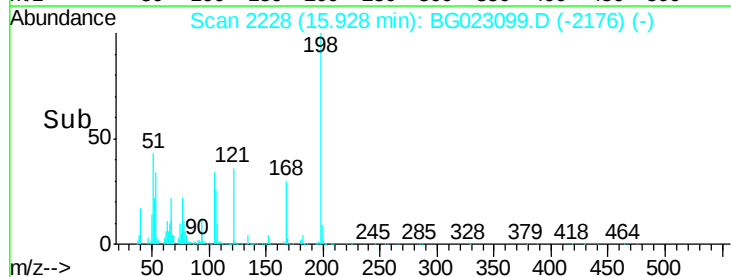
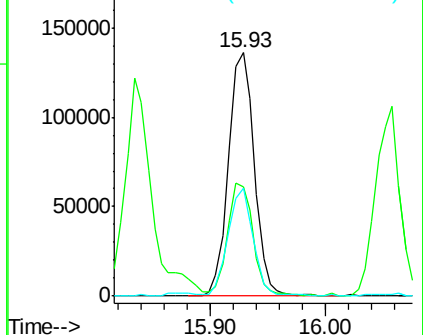
105 44.4 20.1 60.1

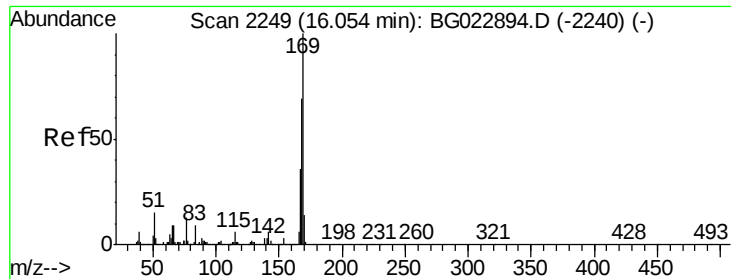


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.62 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tot Ion:169 Resp: 931730

Ion Ratio Lower Upper

169 100

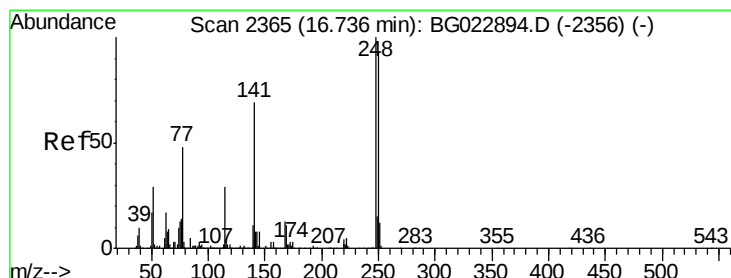
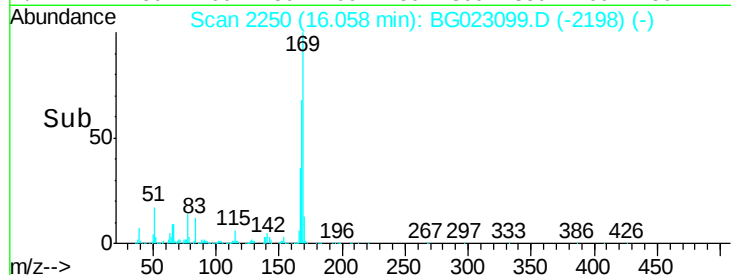
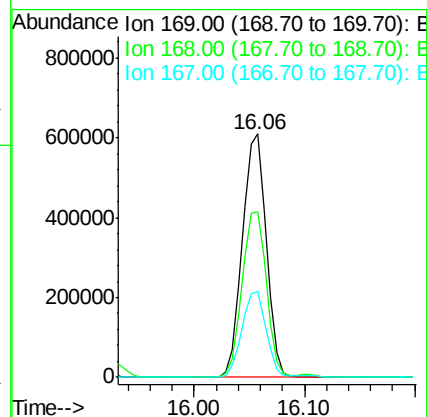
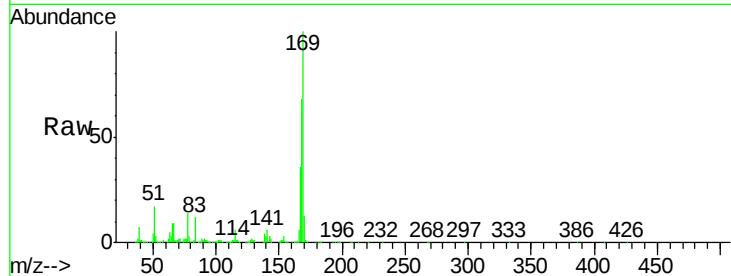
168 68.1 55.0 82.4

167 35.5 27.4 41.0

Manual Integrations

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#66

4-Bromophenyl-phenylether

Concen: 32.36 ng

RT: 16.73 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

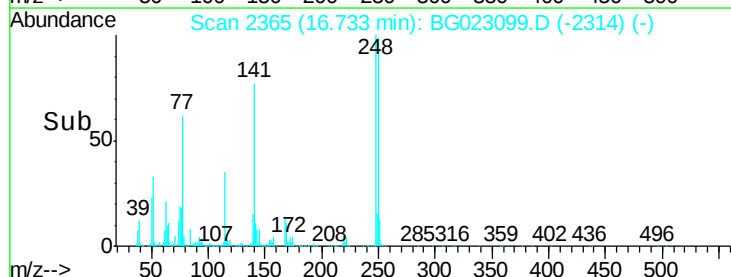
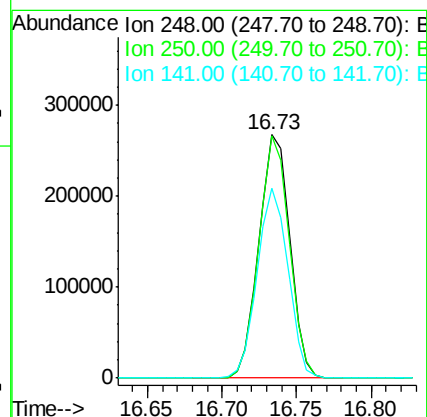
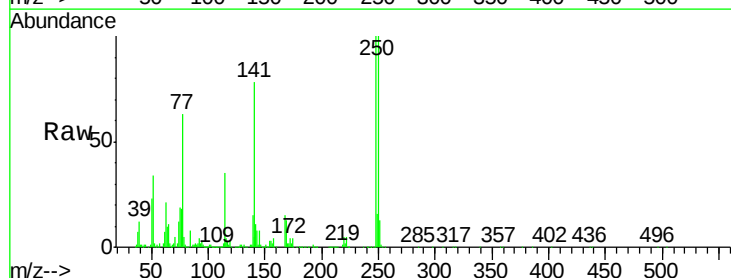
Tgt Ion:248 Resp: 382276

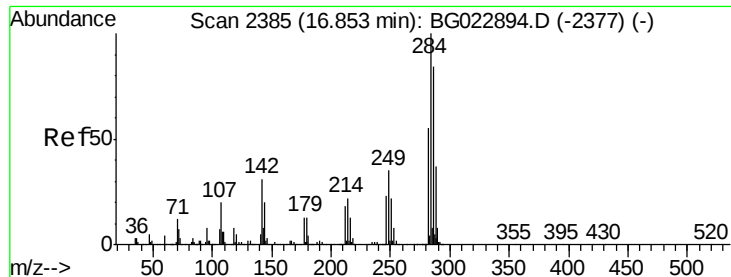
Ion Ratio Lower Upper

248 100

250 99.7 77.8 116.8

141 78.0 65.7 98.5





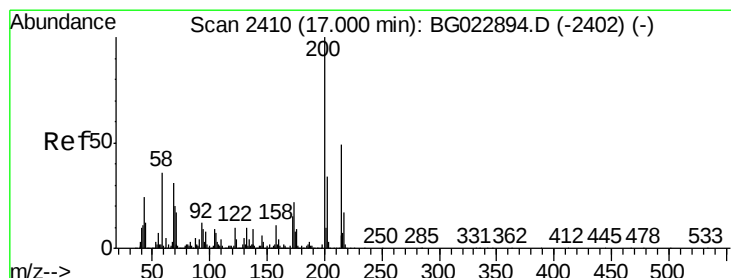
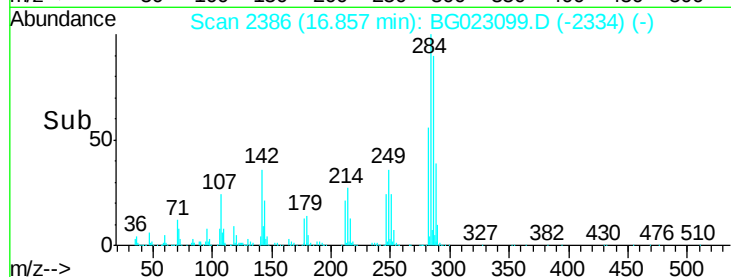
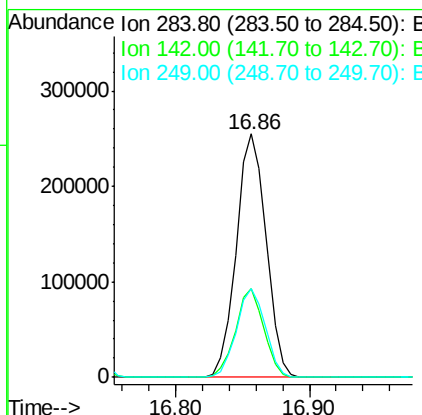
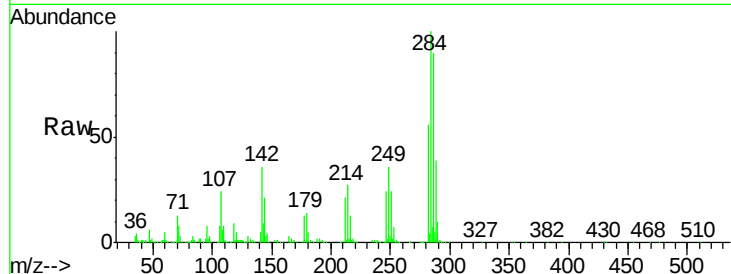
#67
Hexachlorobenzene
Concen: 30.62 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	393202		
142	36.3	26.8	40.2	
249	36.5	28.9	43.3	

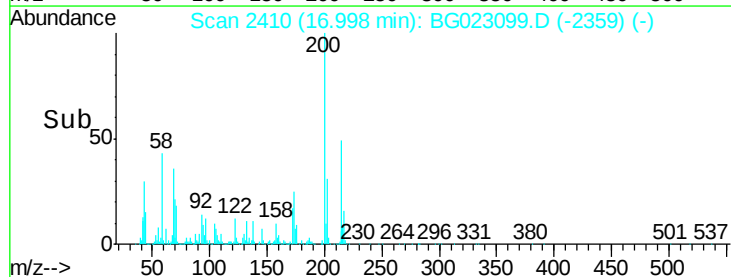
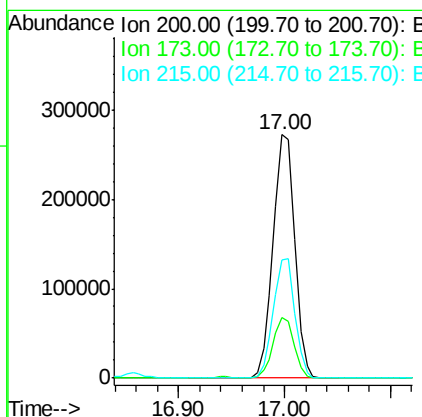
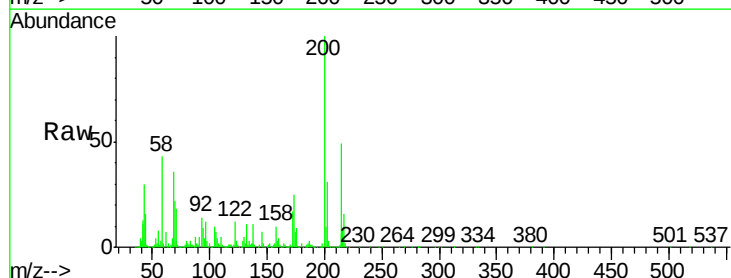
Manual Integrations

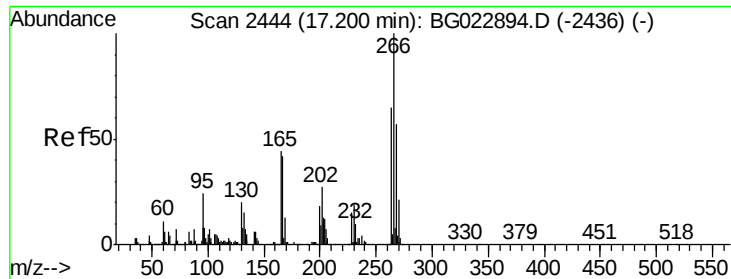
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#68
Atrazine
Concen: 33.23 ng
RT: 17.00 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	385571		
173	24.9	1.6	41.6	
215	48.5	28.7	68.7	





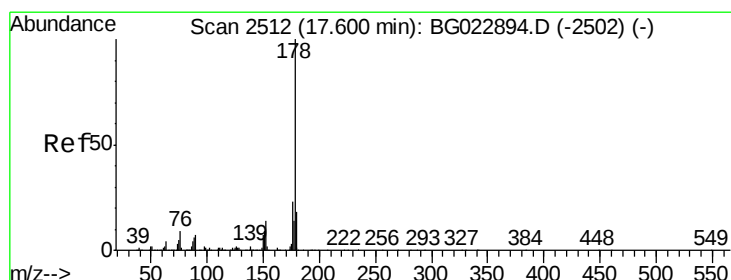
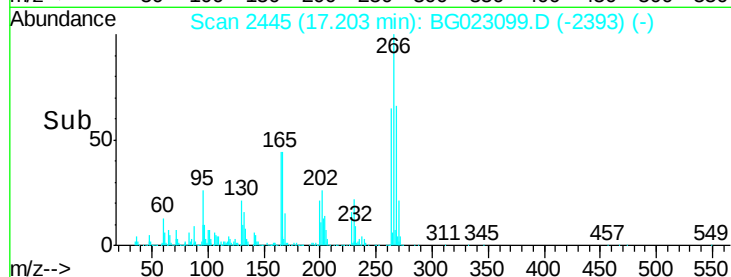
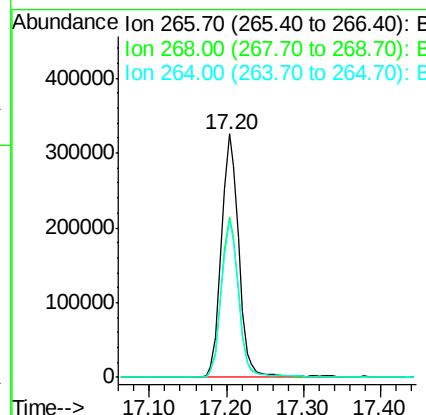
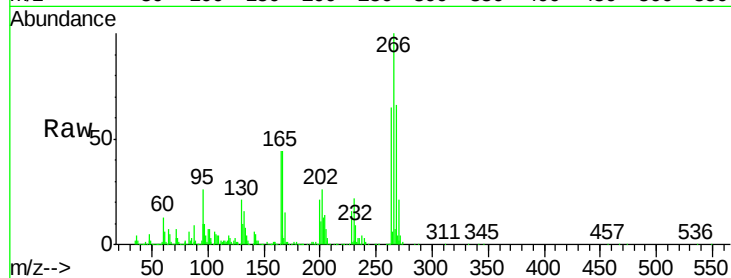
#69
 Pentachlorophenol
 Concen: 61.25 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.1	51.9	77.9
264	64.6	50.6	75.8

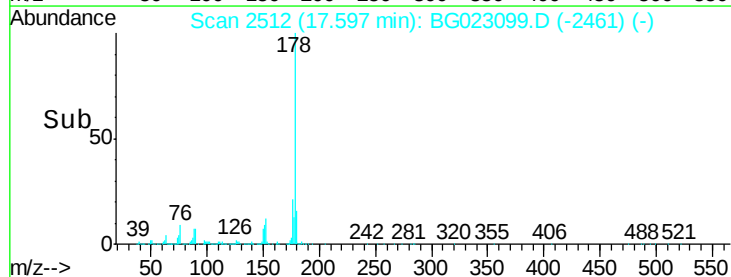
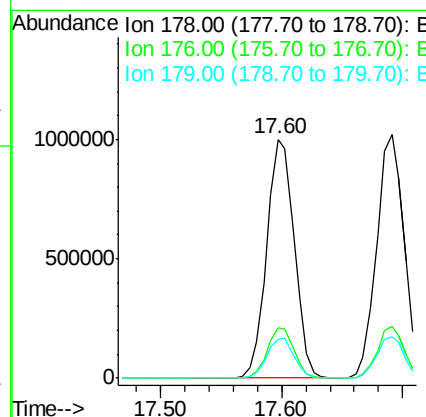
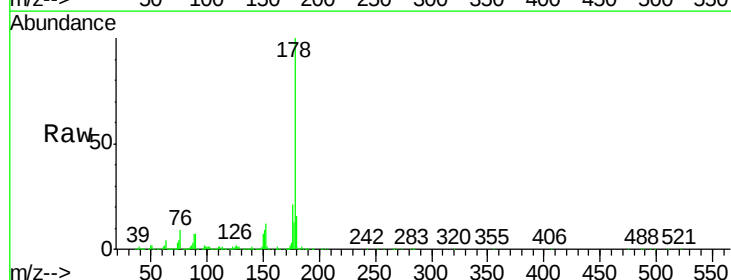
Manual Integrations

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#70
 Phenanthrene
 Concen: 35.46 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.8	25.2
179	16.1	14.3	21.5





#71

Anthracene

Concen: 35.70 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tot Ion:178 Resp: 1608382

Ion Ratio Lower Upper

178 100

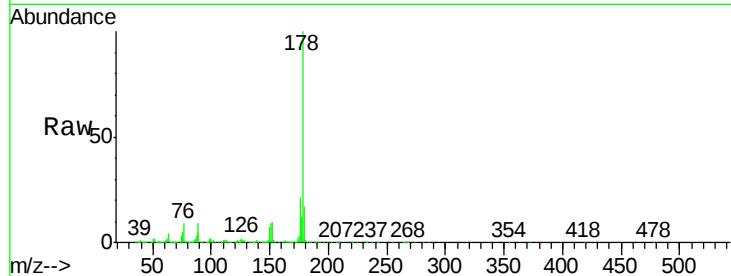
176 21.0 17.3 25.9

179 16.9 14.0 21.0

Manual Integrations

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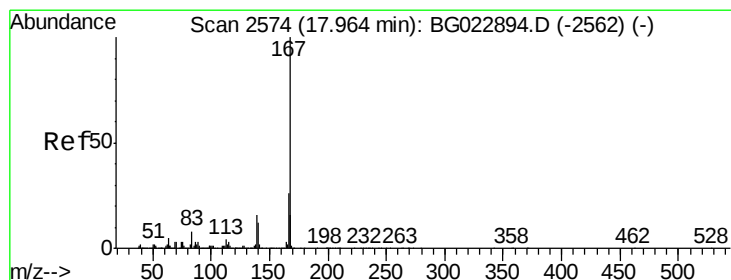
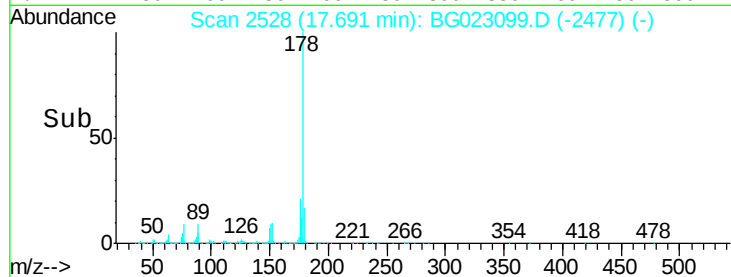
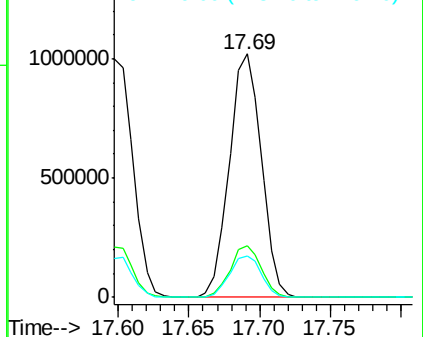
7/15/2016 9:14:15 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.97 ng

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

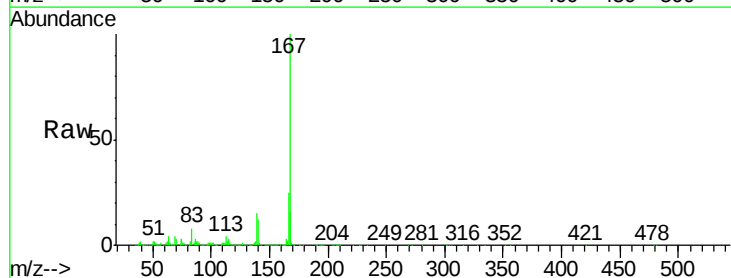
Tgt Ion:167 Resp: 1400452

Ion Ratio Lower Upper

167 100

166 24.8 20.7 31.1

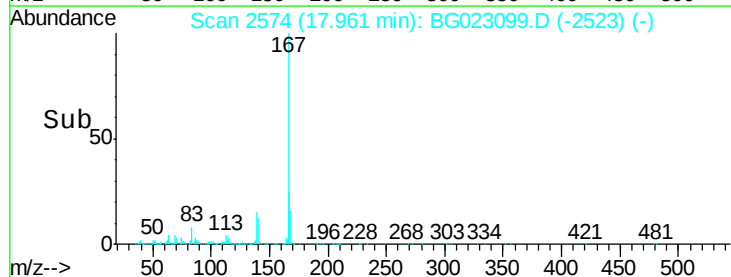
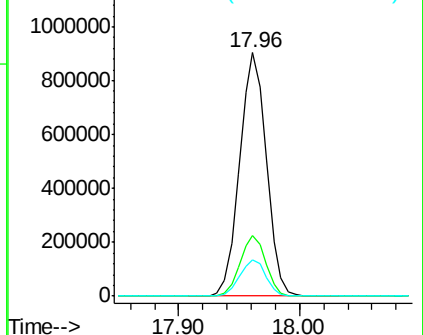
139 15.0 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





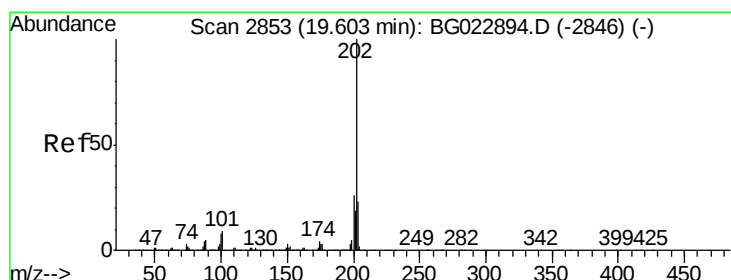
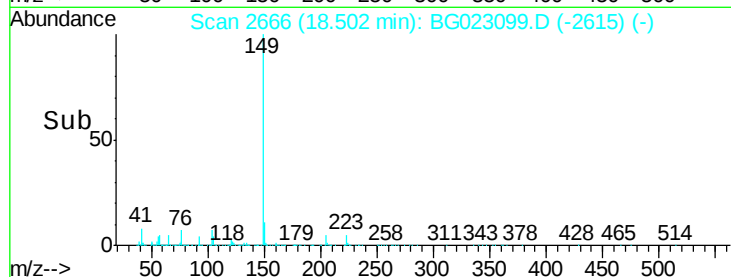
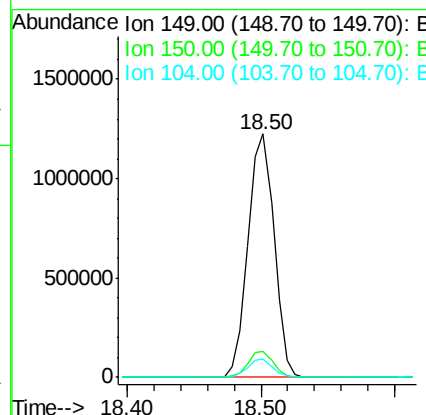
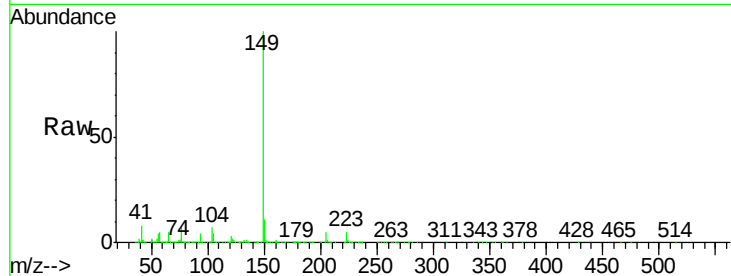
#73
Di-n-butylphthalate
Concen: 37.98 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion:149 Resp: 1644400
Ion Ratio Lower Upper
149 100
150 10.9 9.1 13.7
104 7.4 6.9 10.3

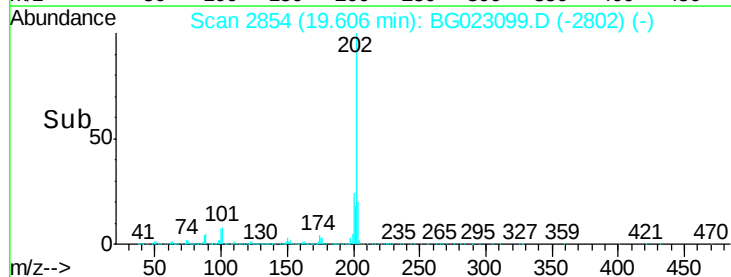
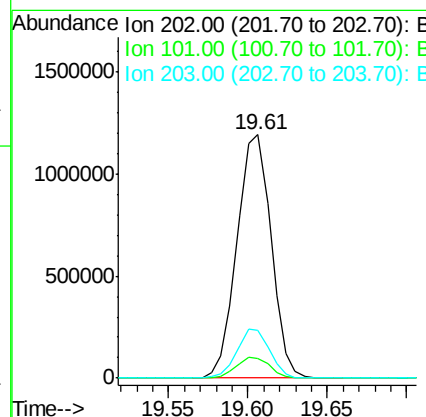
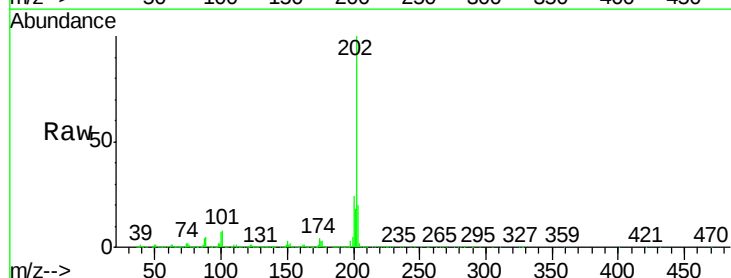
Manual Integrations

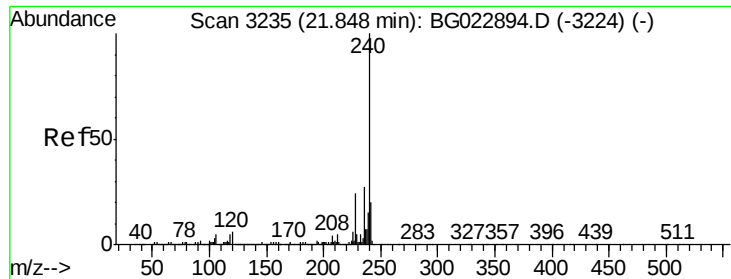
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#74
Fluoranthene
Concen: 32.64 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion:202 Resp: 1782407
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.4
203 19.6 1.7 41.7





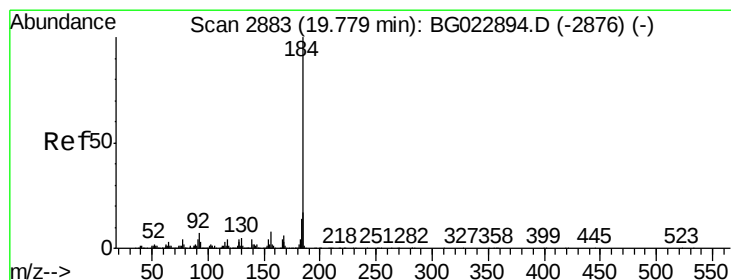
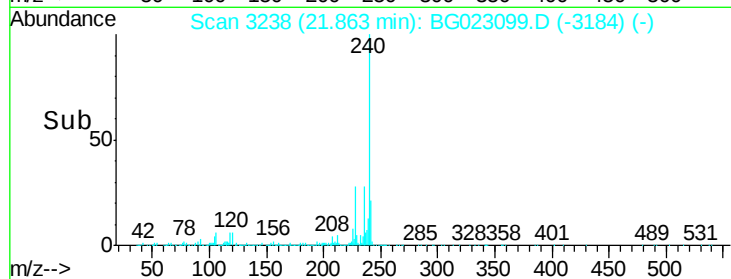
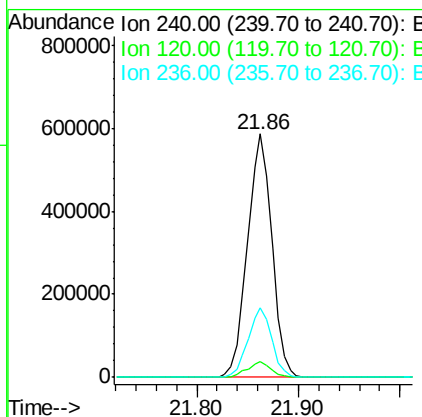
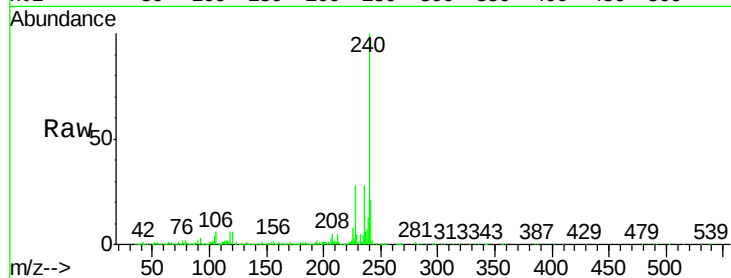
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.02 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.1	6.1#
236	28.3	21.1	31.7

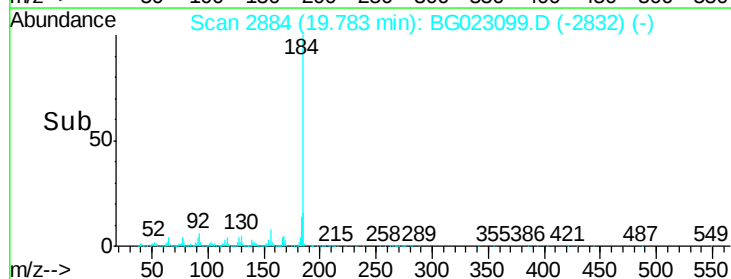
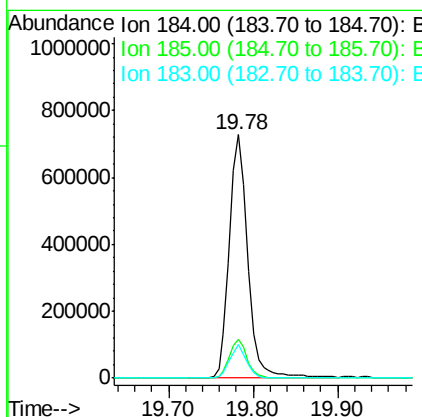
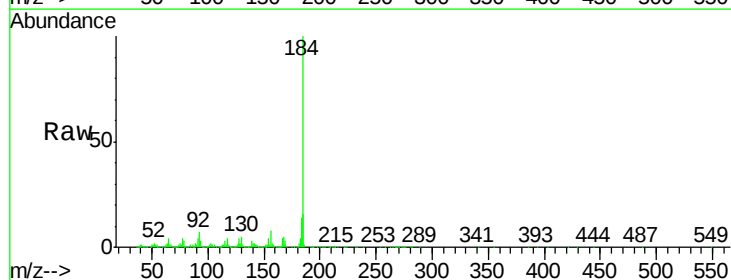
Manual Integrations

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#76
 Benzidine
 Concen: 39.08 ng
 RT: 19.78 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.6	19.0
183	13.8	10.7	16.1





#77

Pvrene

Concen: 33.06 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tot Ion:202 Resp: 1816709

Ion Ratio Lower Upper

202 100

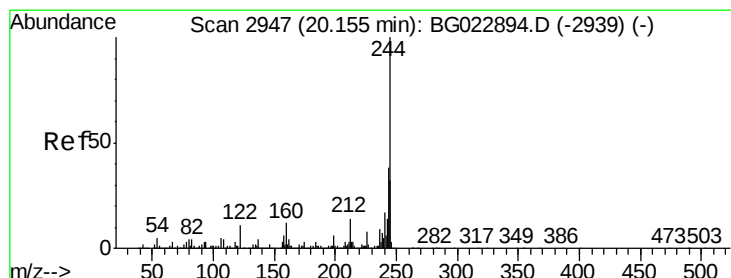
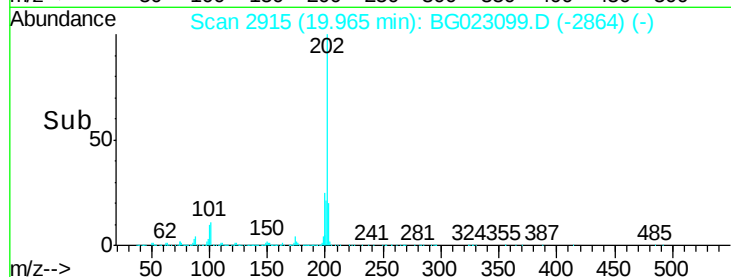
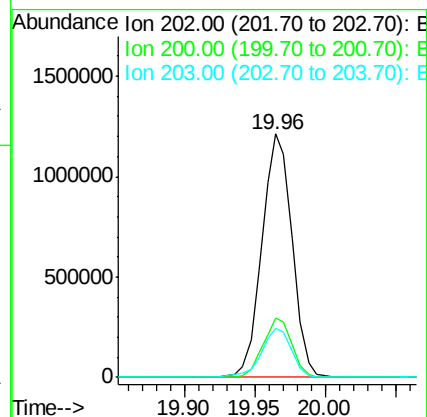
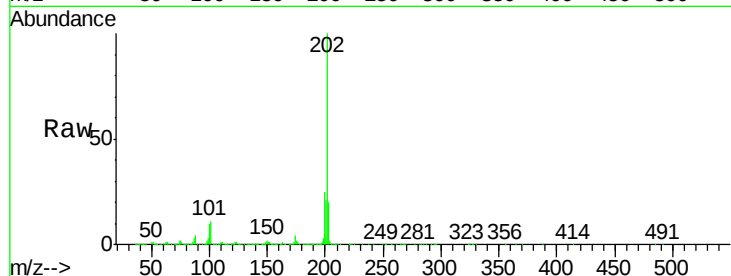
200 24.6 21.2 31.8

203 20.0 16.8 25.2

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#78

Terphenyl-d14

Concen: 67.31 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

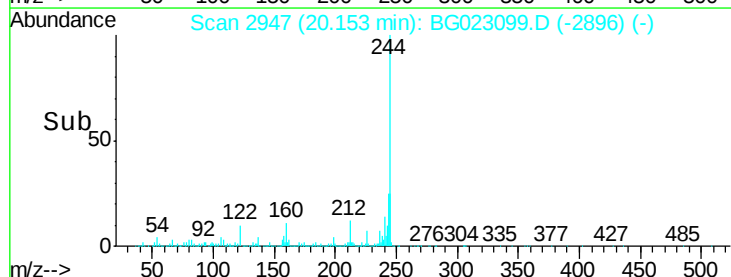
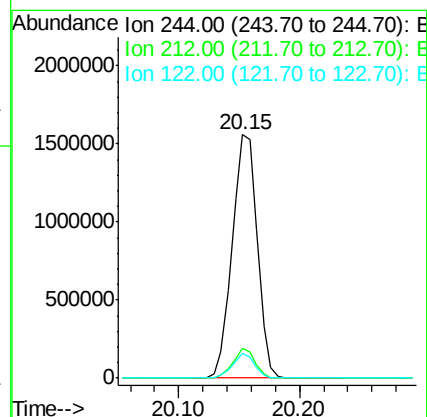
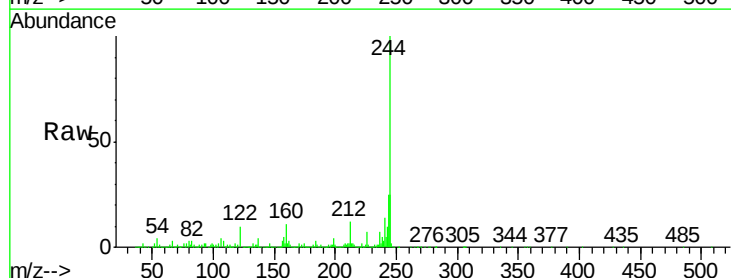
Tgt Ion:244 Resp: 2248357

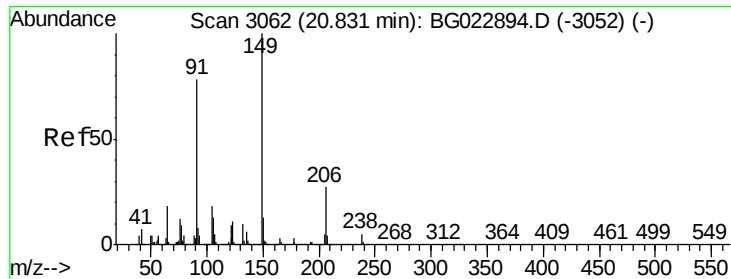
Ion Ratio Lower Upper

244 100

212 12.1 10.8 16.2

122 10.1 8.0 12.0





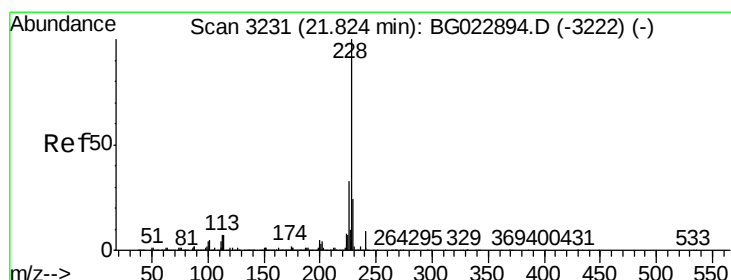
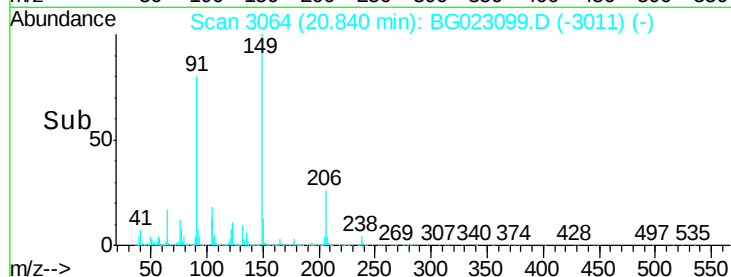
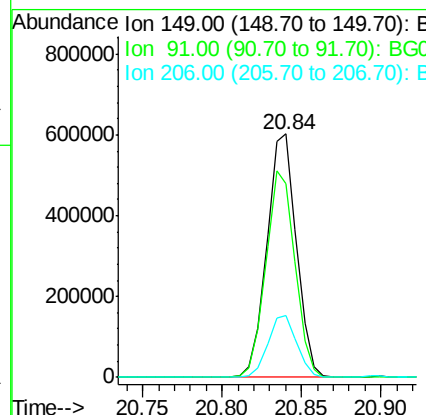
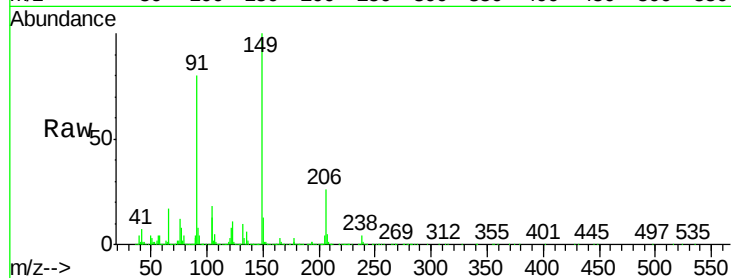
#79
Butylbenzylphthalate
Concen: 36.03 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.01 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	79.7	68.1	102.1	
206	25.6	19.8	29.6	

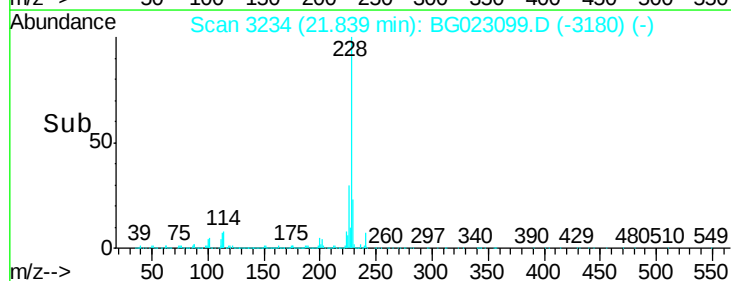
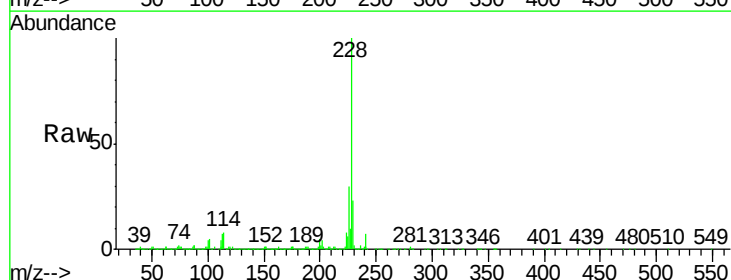
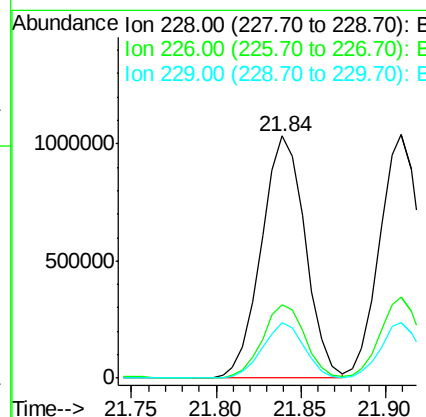
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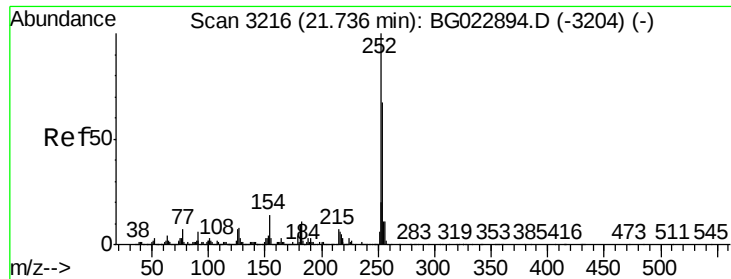
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#80
Benzo(a)anthracene
Concen: 34.08 ng
RT: 21.84 min Scan# 3234
Delta R.T. 0.02 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.2	25.3	37.9	
229	22.8	19.9	29.9	





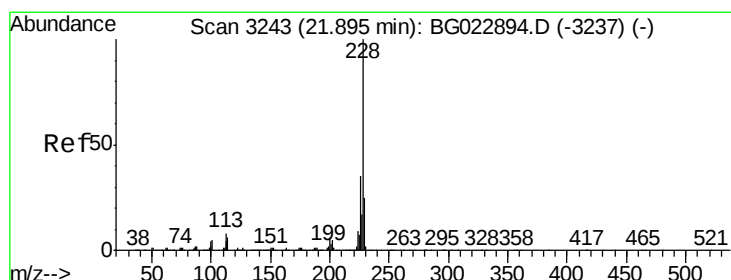
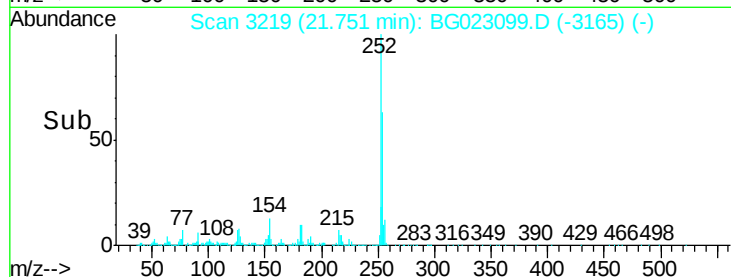
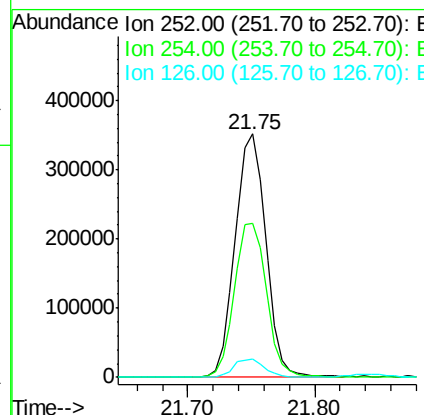
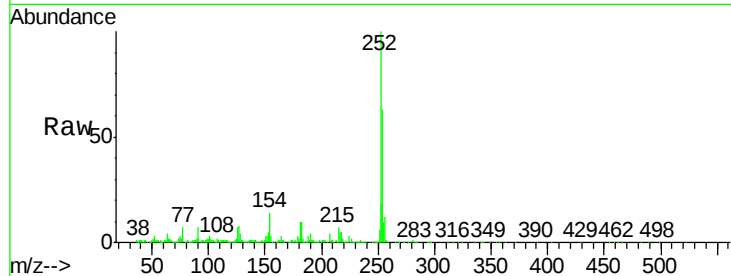
#81
 3,3'-Dichlorobenzidine
 Concen: 24.64 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.02 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.2	76.8
126	7.4	5.3	7.9

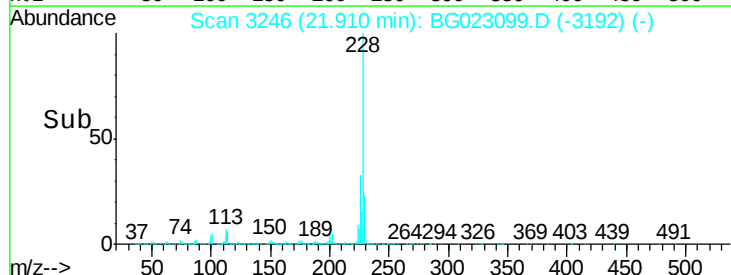
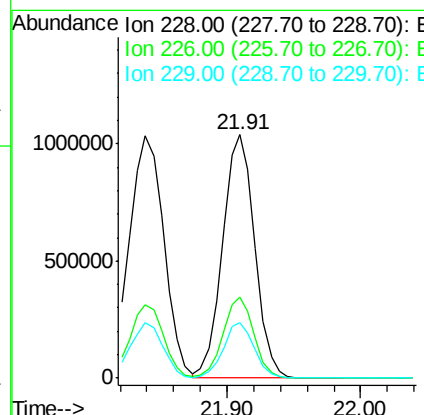
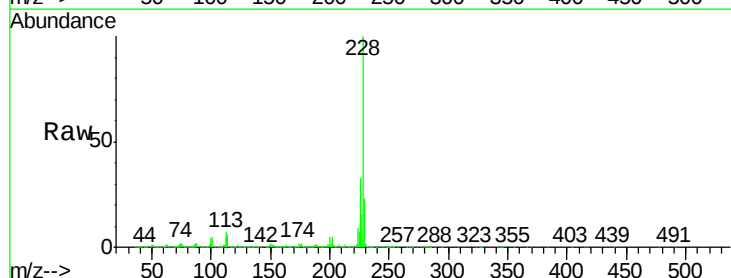
Manual Integrations

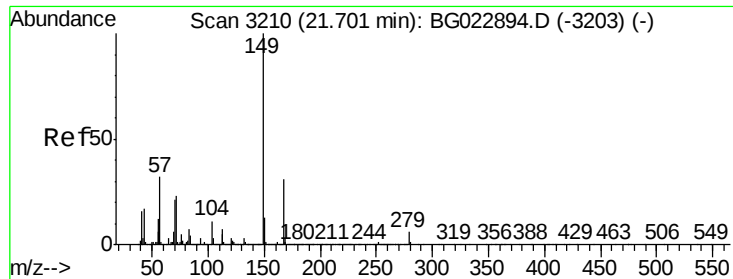
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#82
 Chrysene
 Concen: 34.01 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. 0.02 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.7	40.1
229	22.8	17.4	26.2





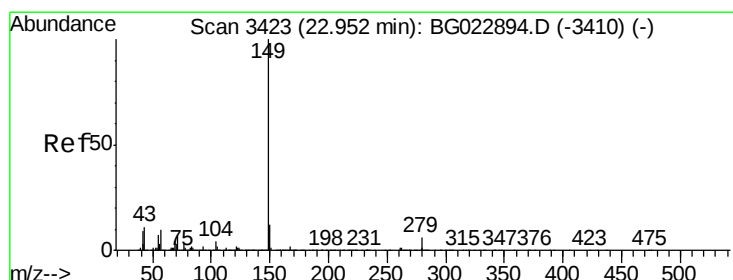
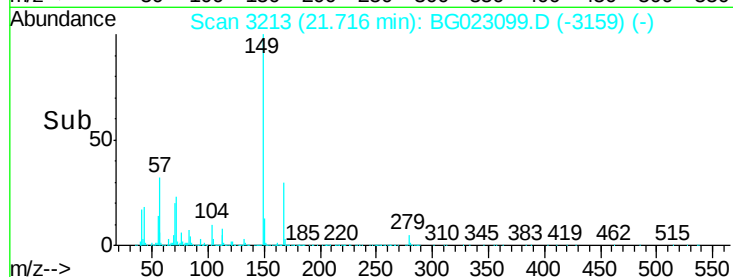
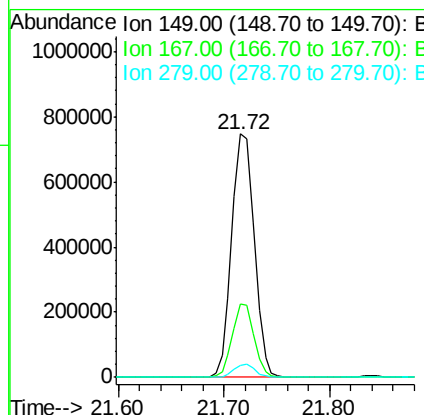
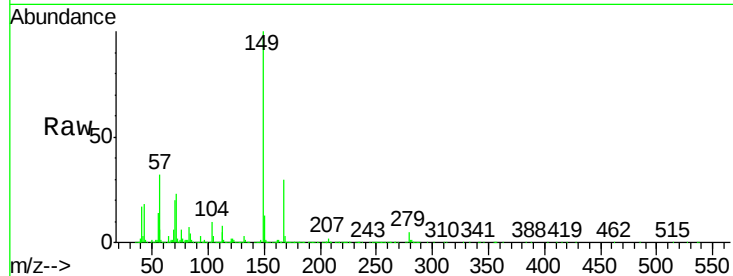
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.43 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. 0.02 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion:149 Resp: 1101133
 Ion Ratio Lower Upper
 149 100
 167 30.0 24.0 36.0
 279 5.1 4.8 7.2

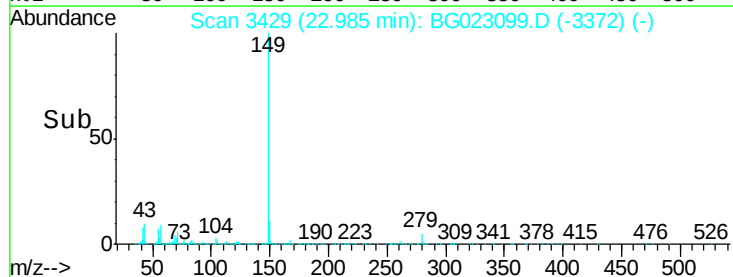
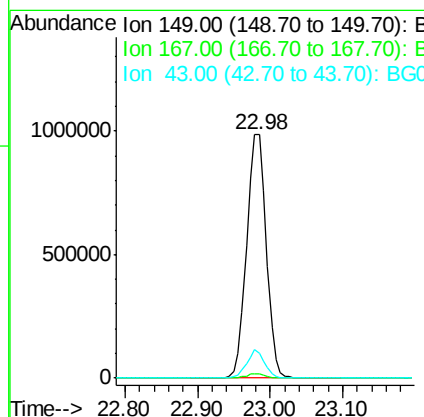
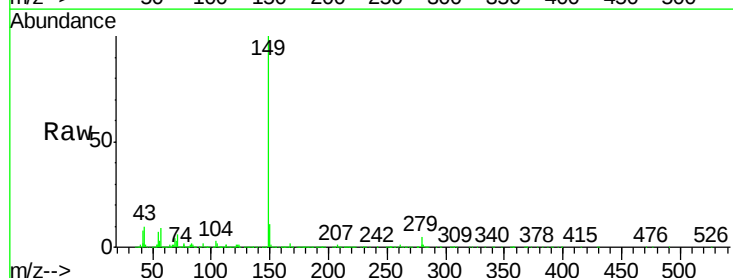
Manual Integrations

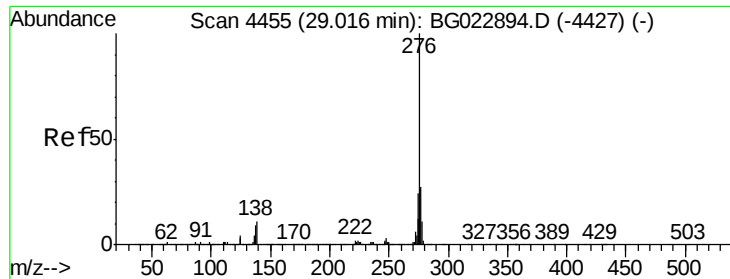
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#84
 Di-n-octyl phthalate
 Concen: 36.81 ng
 RT: 22.98 min Scan# 3429
 Delta R.T. 0.03 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion:149 Resp: 1855469
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.4 8.8 13.2





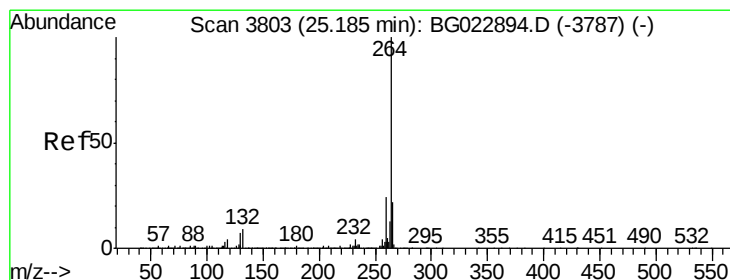
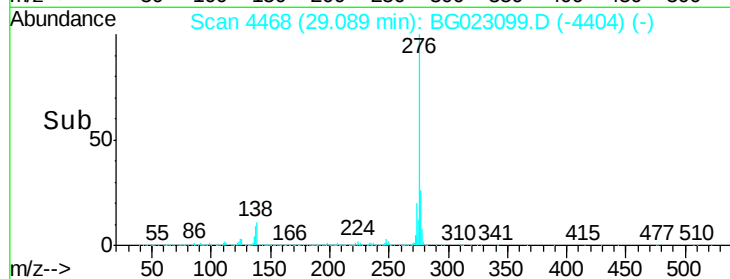
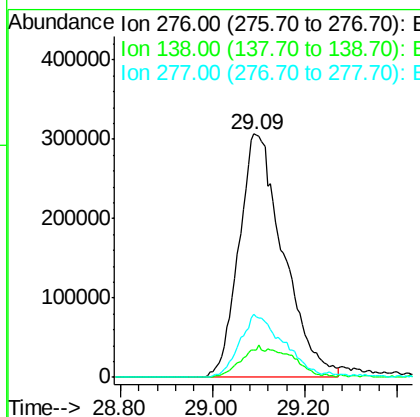
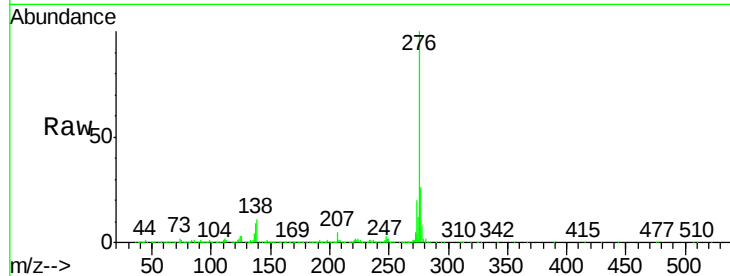
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.31 ng
 RT: 29.09 min Scan# 4468
 Delta R.T. 0.07 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.7	0.0	0.0#
277	25.5	0.0	0.0#

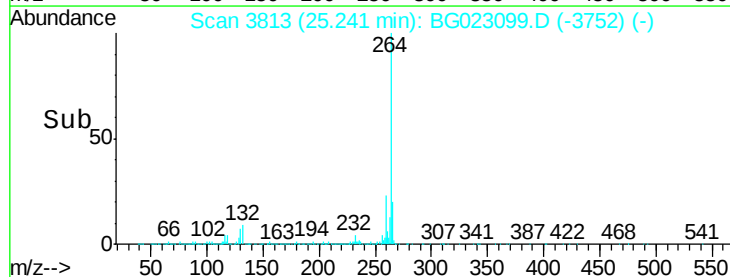
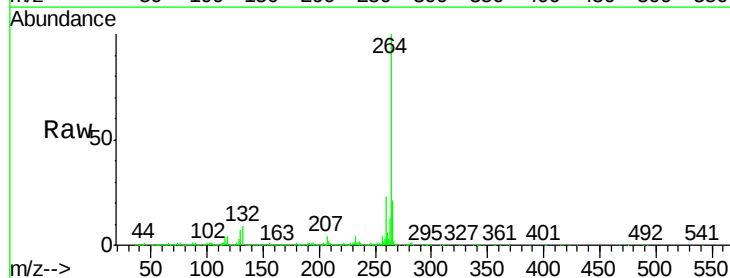
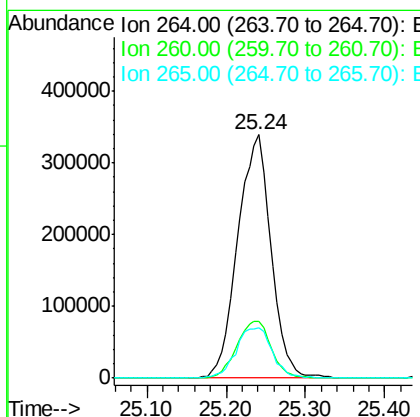
Manual Integrations

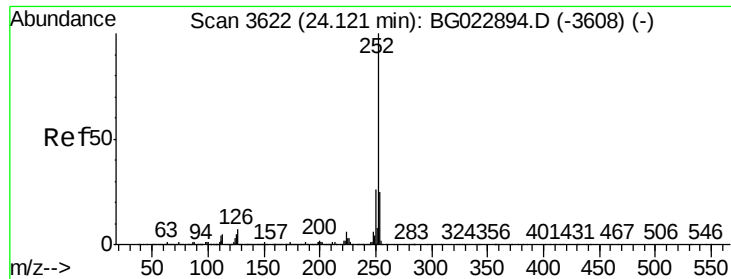
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. 0.06 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	20.7	18.9	28.3





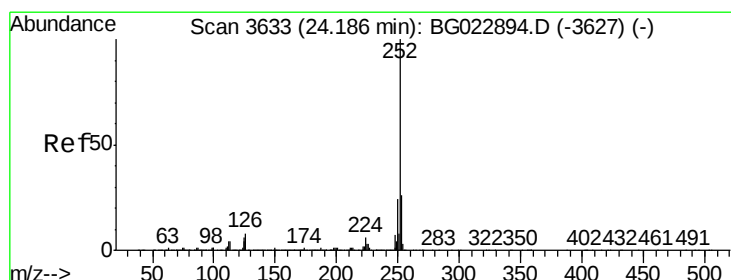
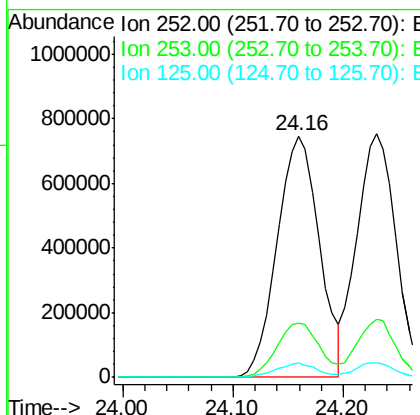
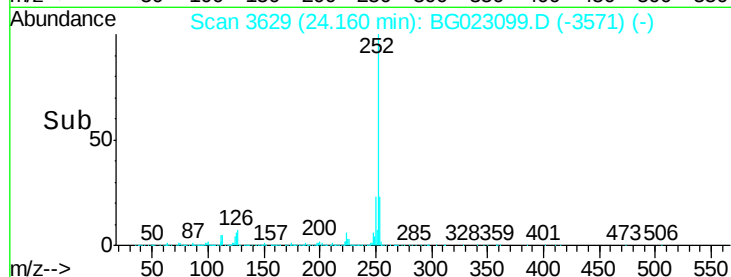
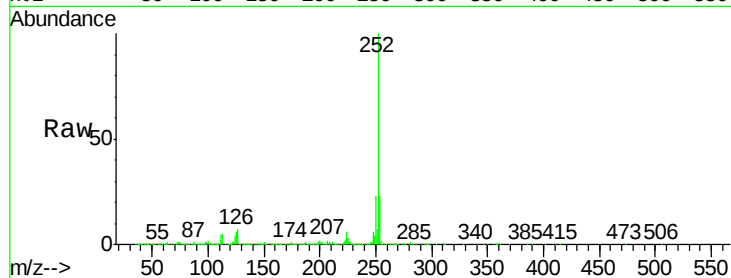
#87
Benzo(b)fluoranthene
Concen: 34.50 ng
RT: 24.16 min Scan# 3629
Delta R.T. 0.04 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion:252 Resp: 1967123
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 5.8 3.9 5.9

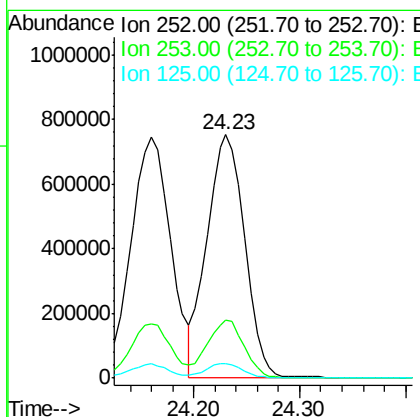
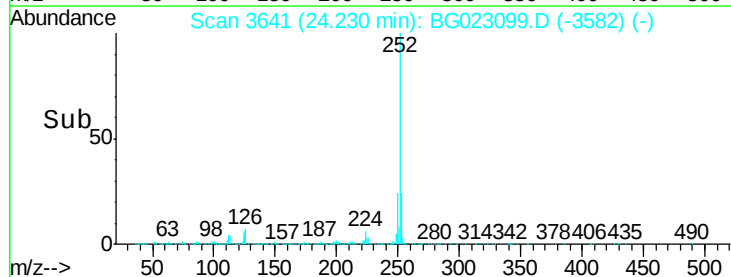
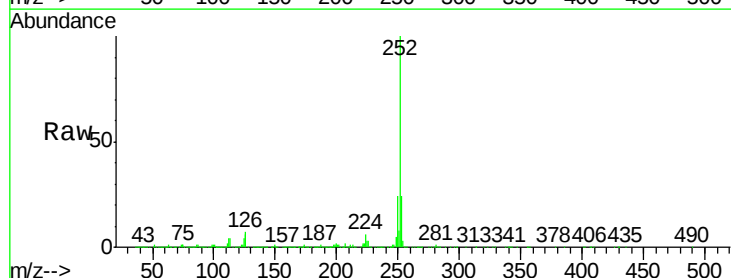
Manual Integrations

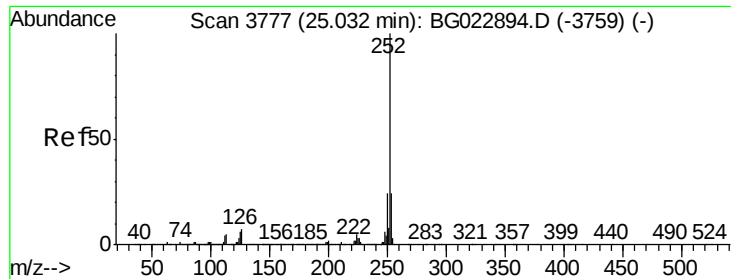
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#88
Benzo(k)fluoranthene
Concen: 34.48 ng
RT: 24.23 min Scan# 3641
Delta R.T. 0.04 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion:252 Resp: 1865540
Ion Ratio Lower Upper
252 100
253 23.7 18.8 28.2
125 5.9 3.2 4.8#





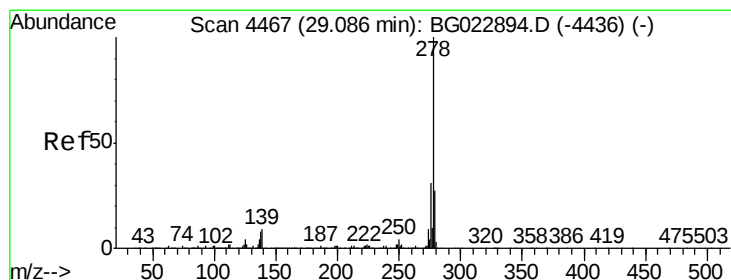
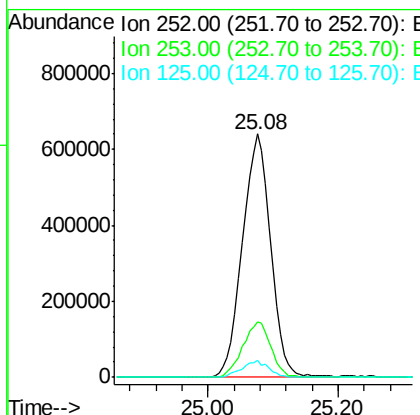
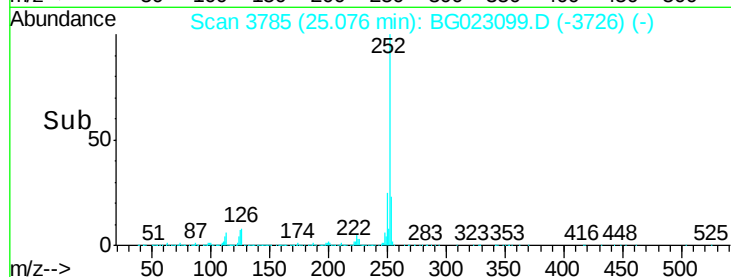
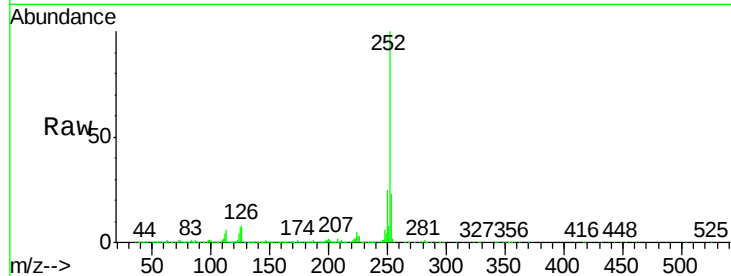
#89
Benzo(a)pyrene
Concen: 35.17 ng
RT: 25.08 min Scan# 3785
Delta R.T. 0.04 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	6.9	3.9	5.9

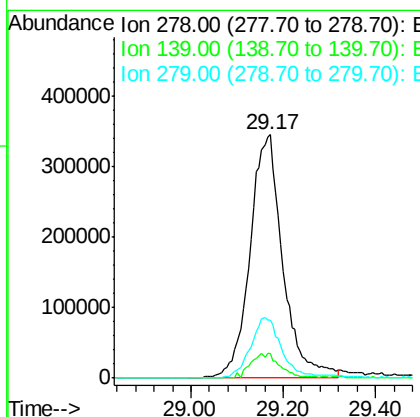
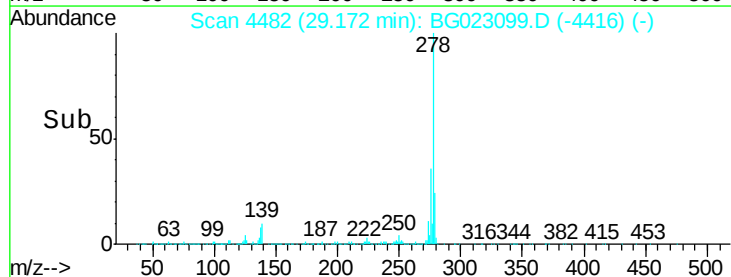
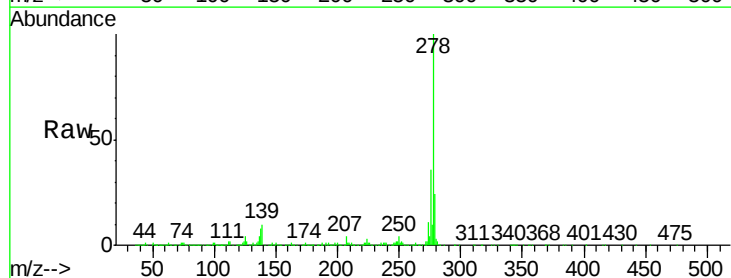
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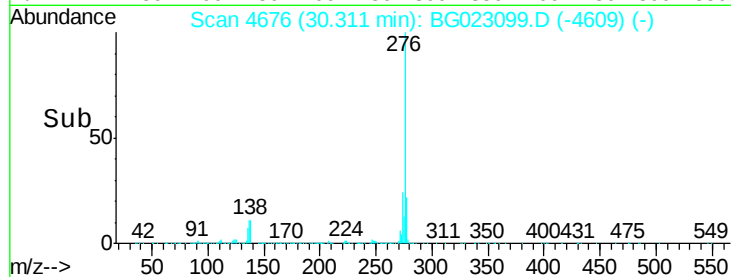
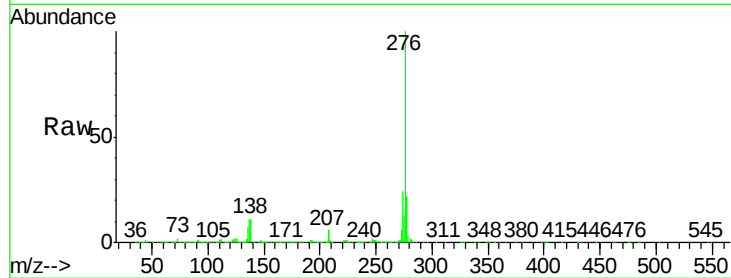
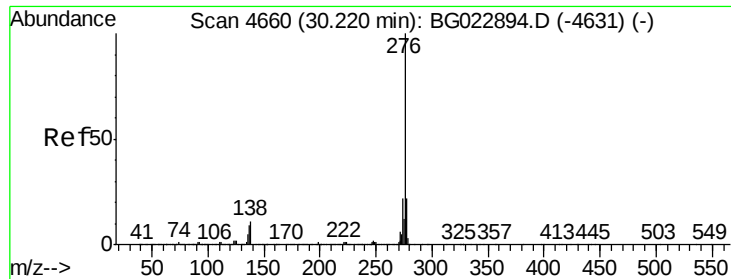
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#90
Dibenzo(a,h)anthracene
Concen: 31.48 ng
RT: 29.17 min Scan# 4482
Delta R.T. 0.09 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.2	4.7	7.1
279	23.9	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 30.79 ng
 RT: 30.31 min Scan# 4676
 Delta R.T. 0.09 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.6	27.8
138	11.1	6.8	10.2

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