

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023323.D
 Acq On : 29 Jul 2016 3:05
 Operator : UM/SJ
 Sample : PB92434BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92434BS

Manual Integrations

umangi
 7/29/2016 6:22:24 PM

Quant Time: Jul 29 07:47:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	160929	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	728663	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	520293	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1214060	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1218921	20.00	ng	0.00
86) Perylene-d12	25.30	264	1244968	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	1191278	126.37	ng	0.00
7) Phenol-d6	7.29	99	1752514	121.09	ng	0.00
23) Nitrobenzene-d5	9.31	82	1135251	76.19	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	807817	150.01	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2337128	84.07	ng	0.00
78) Terphenyl-d14	20.18	244	3024479	80.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	119961	29.67	ng	# 89
3) Pyridine	3.93	79	393311	27.80	ng	96
4) n-Nitrosodimethylamine	3.85	42	175221	27.41	ng	# 71
6) Aniline	7.46	93	470091	24.32	ng	94
8) 2-Chlorophenol	7.70	128	445076	42.32	ng	96
9) Benzaldehyde	7.26	77	274401	26.40	ng	94
10) Phenol	7.32	94	650555	42.60	ng	# 79
11) bis(2-Chloroethyl)ether	7.54	93	440929	33.97	ng	90
12) 1,3-Dichlorobenzene	8.02	146	441255	37.23	ng	92
13) 1,4-Dichlorobenzene	8.17	146	450835	37.28	ng	96
14) 1,2-Dichlorobenzene	8.50	146	442209	37.91	ng	93
15) Benzyl Alcohol	8.38	79	445492	45.74	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.67	45	657662	31.84	ng	91
17) 2-Methylphenol	8.58	107	442416	42.39	ng	# 85
18) Hexachloroethane	9.23	117	172217	34.19	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	442793	34.02	ng	96
20) 3+4-Methylphenols	8.91	107	610373	43.01	ng	88
22) Acetophenone	8.97	105	624202	32.81	ng	# 89
24) Nitrobenzene	9.36	77	626343	36.20	ng	# 86
25) Isophorone	9.88	82	1150347	37.38	ng	# 92
26) 2-Nitrophenol	10.08	139	265773	40.67	ng	# 75
27) 2,4-Dimethylphenol	10.13	122	493861	44.83	ng	84
28) bis(2-Chloroethoxy)methane	10.36	93	692682	40.11	ng	99
29) 2,4-Dichlorophenol	10.62	162	503611	47.22	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	469860	39.87	ng	95
31) Naphthalene	11.02	128	1381277	40.80	ng	99
32) Benzoic acid	10.26	122	258095	32.02	ng	# 86
33) 4-Chloroaniline	11.14	127	106649	6.82	ng	# 92
34) Hexachlorobutadiene	11.30	225	294042	38.07	ng	96
35) Caprolactam	11.91	113	199600	44.01	ng	97
36) 4-Chloro-3-methylphenol	12.26	107	607798	43.38	ng	90
37) 2-Methylnaphthalene	12.63	142	1076843m	42.90	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	519956	30.87	ng	99
40) Hexachlorocyclopentadiene	12.97	237	702460	88.01	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	438012	44.27	nq	98
43) 2,4,5-Trichlorophenol	13.32	196	472466	45.02	nq #	95
45) 1,1'-Biphenyl	13.64	154	1337015	36.85	nq	94
46) 2-Chloronaphthalene	13.68	162	1152363	39.63	nq	95
47) 2-Nitroaniline	13.89	65	483353	39.30	nq #	87
48) Acenaphthylene	14.53	152	1828506	41.07	nq	96
49) Dimethylphthalate	14.25	163	1549893	40.37	nq	97
50) 2,6-Dinitrotoluene	14.38	165	366018	40.71	nq #	80
51) Acenaphthene	14.87	154	1182942	40.96	nq	99
52) 3-Nitroaniline	14.72	138	208850	23.06	nq #	73
53) 2,4-Dinitrophenol	14.93	184	454667	86.36	nq #	84
54) Dibenzofuran	15.21	168	1839073	45.01	nq	96
55) 4-Nitrophenol	15.03	139	618546	78.74	nq #	72
56) 2,4-Dinitrotoluene	15.17	165	538491	42.53	nq #	84
57) Fluorene	15.86	166	1512940	41.93	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.44	232	437049	49.19	nq	92
59) Diethylphthalate	15.62	149	1587733	40.37	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	792807	40.59	nq	99
61) 4-Nitroaniline	15.89	138	402528	42.39	nq #	61
62) Azobenzene	16.14	77	1737825	42.62	nq	90
64) 4,6-Dinitro-2-methylphenol	15.94	198	324567	41.62	nq	95
65) n-Nitrosodiphenylamine	16.07	169	1406506	43.39	nq	96
66) 4-Bromophenyl-phenylether	16.75	248	540426	44.02	nq	96
67) Hexachlorobenzene	16.87	284	561432	45.49	nq	97
68) Atrazine	17.02	200	518883	41.73	nq	95
69) Pentachlorophenol	17.22	266	659520	86.58	nq	98
70) Phenanthrene	17.62	178	2342694	44.12	nq	94
71) Anthracene	17.71	178	2401420	44.76	nq	96
72) Carbazole	17.98	167	2216786	45.11	nq	98
73) Di-n-butylphthalate	18.52	149	2439565	44.49	nq	98
74) Fluoranthene	19.63	202	2575954	42.51	nq	93
76) Benzidine	19.81	184	1375620	40.13	nq	98
77) Pyrene	19.99	202	2560836	37.02	nq	96
79) Butylbenzylphthalate	20.87	149	1240690	40.77	nq	97
80) Benzo(a)anthracene	21.87	228	2577931	40.40	nq	98
81) 3,3'-Dichlorobenzidine	21.78	252	728213	28.14	nq #	94
82) Chrysene	21.94	228	2428482	39.39	nq	96
83) Bis(2-ethylhexyl)phthalate	21.75	149	1694951	39.80	nq	95
84) Di-n-octyl phthalate	23.03	149	2824214	40.55	nq	100
85) Indeno(1,2,3-cd)pyrene	29.21	276	3296083	45.83	nq #	100
87) Benzo(b)fluoranthene	24.22	252	2796444	42.28	nq #	95
88) Benzo(k)fluoranthene	24.29	252	2657716	40.20	nq #	92
89) Benzo(a)pyrene	25.14	252	2734769	42.20	nq #	96
90) Dibenzo(a,h)anthracene	29.27	278	2717003	44.32	nq #	88
91) Benzo(g,h,i)perylene	30.42	276	2741961	42.48	nq #	92

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

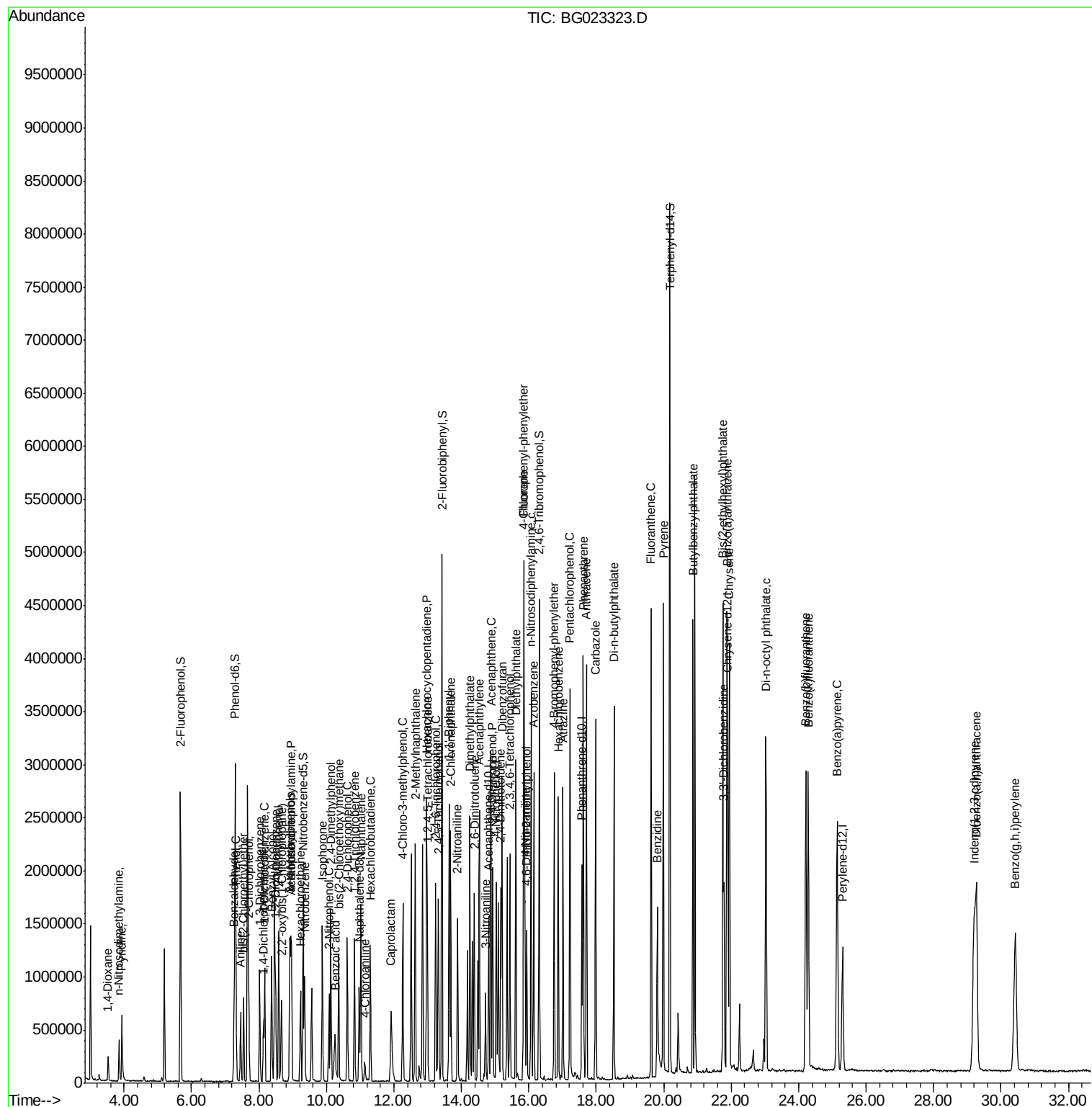
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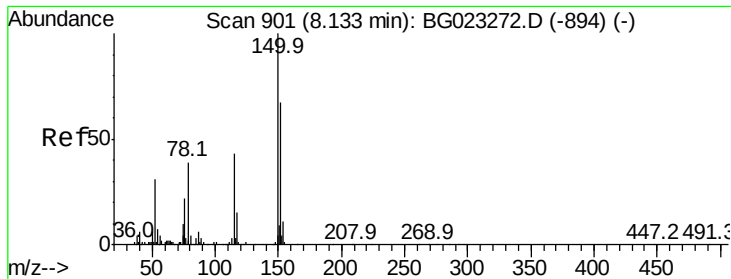
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

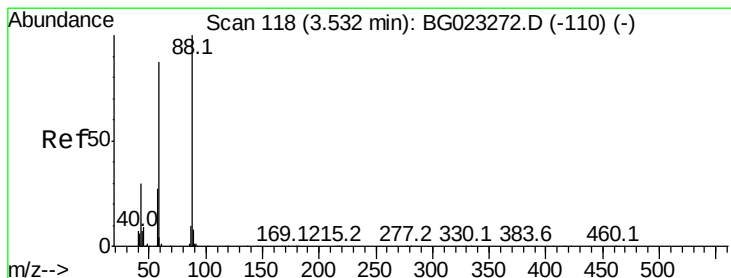
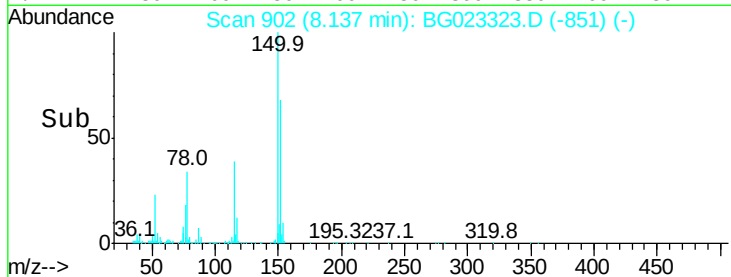
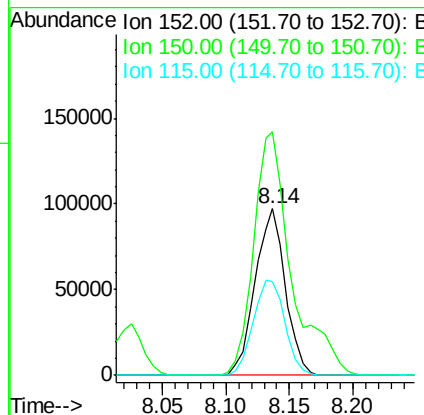
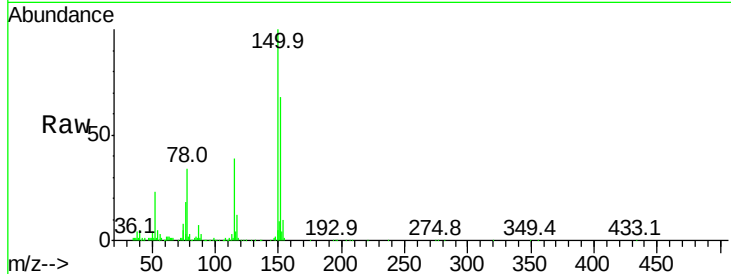
PB92434BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	144.7	217.1
115	56.4	64.0	96.0

Manual Integrations

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#2

1,4-Dioxane

Concen: 29.67 ng

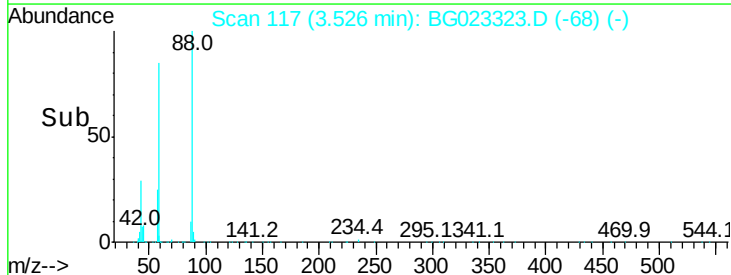
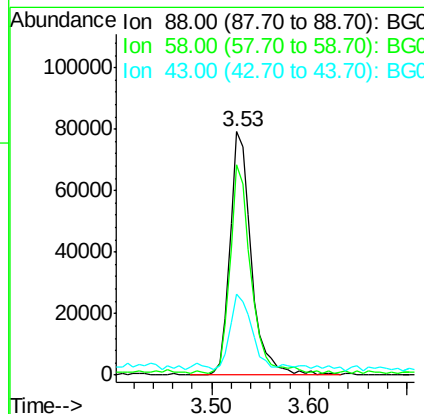
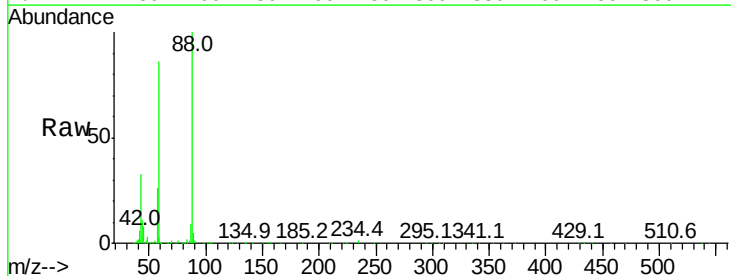
RT: 3.53 min Scan# 117

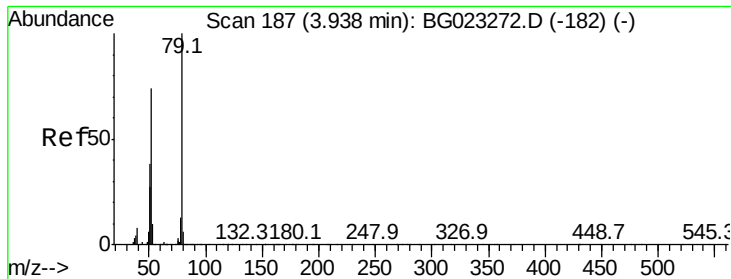
Delta R.T. -0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	60.4	90.6
43	30.6	31.1	46.7





#3

Pvridine

Concen: 27.80 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.03 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

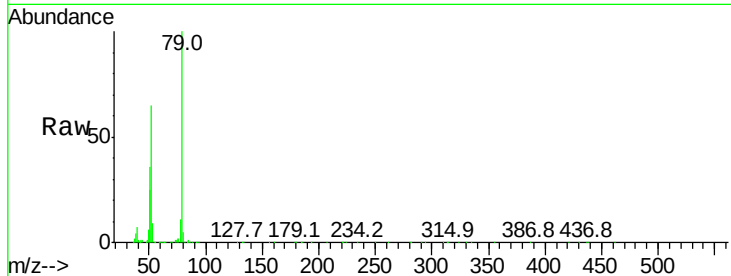
ClientSampleId :

PB92434BS

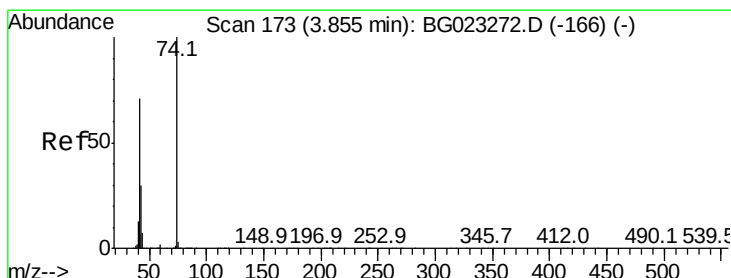
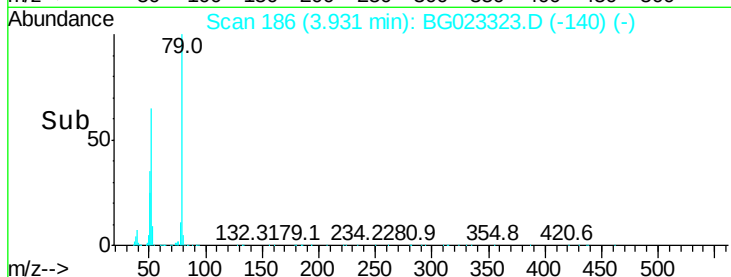
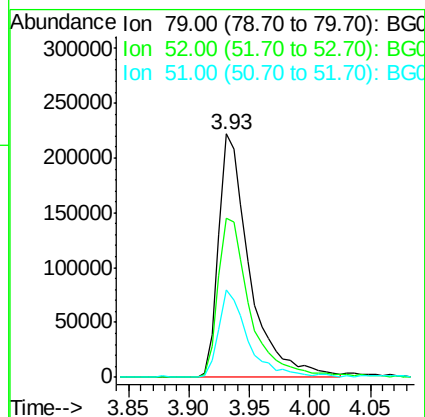
Manual Integrations

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Tot Ion	79	Resp	393311
Ion	Ratio	Lower	Upper
79	100		
52	65.5	51.8	77.8
51	35.7	32.7	49.1



#4

n-Nitrosodimethylamine

Concen: 27.41 ng

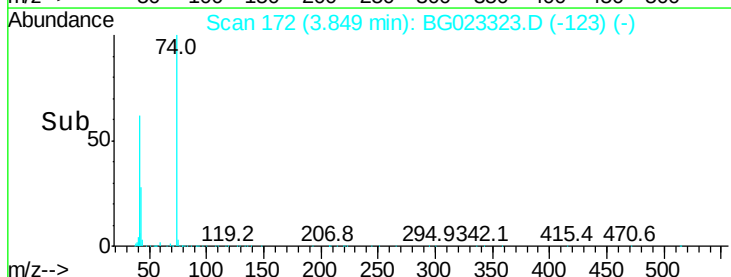
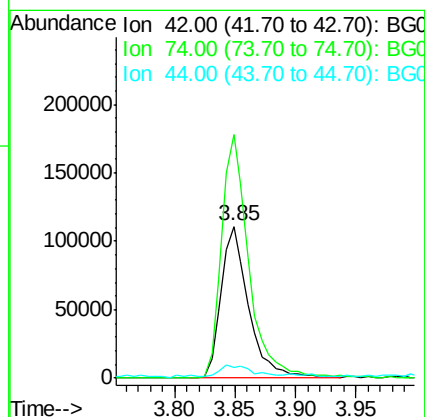
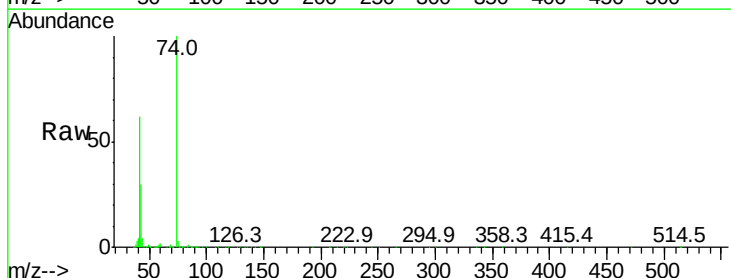
RT: 3.85 min Scan# 172

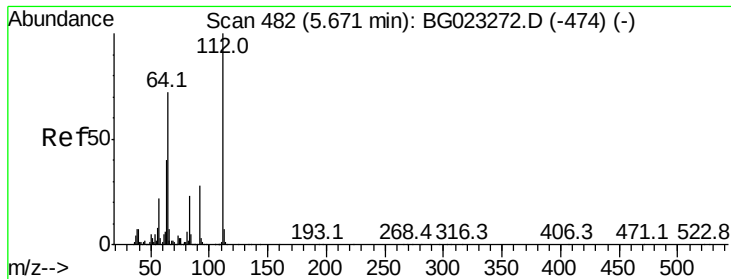
Delta R.T. -0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Tgt Ion	42	Resp	175221
Ion	Ratio	Lower	Upper
42	100		
74	160.1	100.6	150.8#
44	6.9	4.5	6.7#





#5

2-Fluorophenol

Concen: 126.37 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

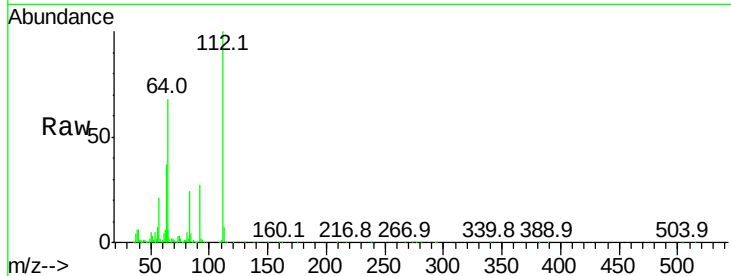
ClientSampleId :

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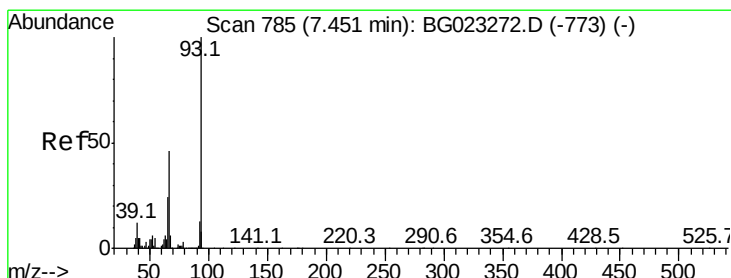
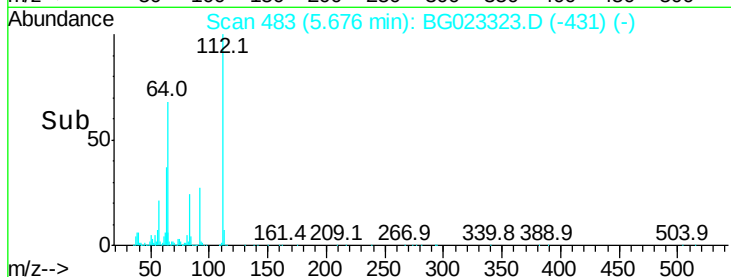
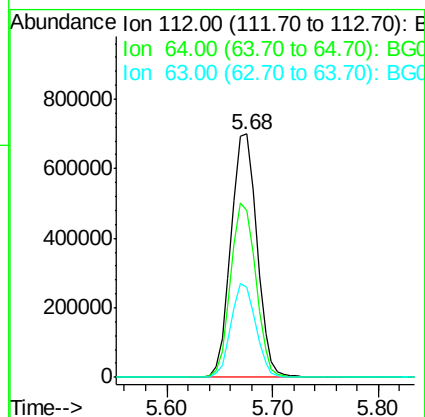
Tot Ion:112 Resp: 1191278

Ion Ratio Lower Upper

112 100

64 68.4 59.0 88.4

63 37.0 37.8 56.8#



#6

Aniline

Concen: 24.32 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

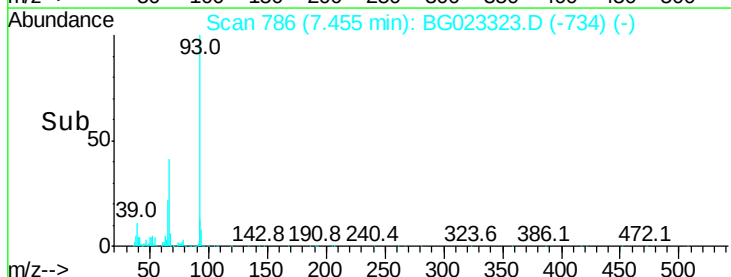
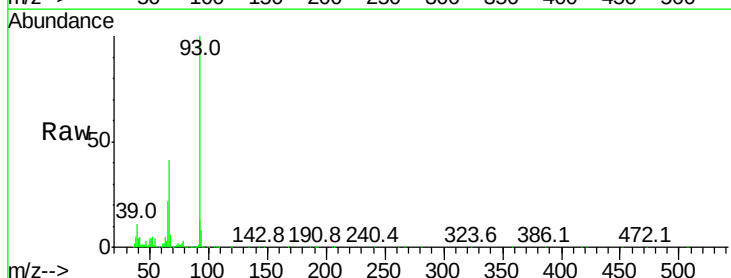
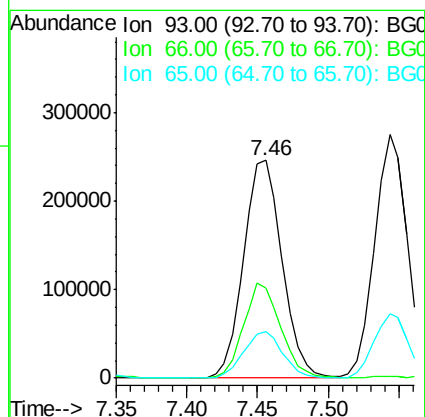
Tgt Ion: 93 Resp: 470091

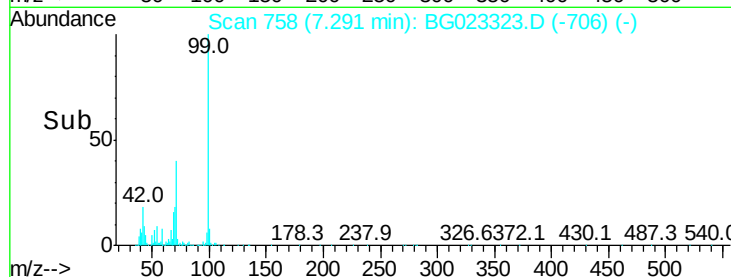
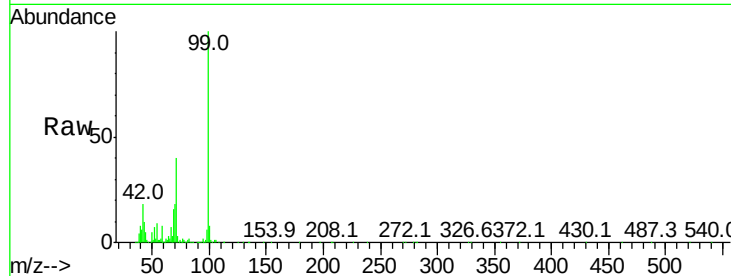
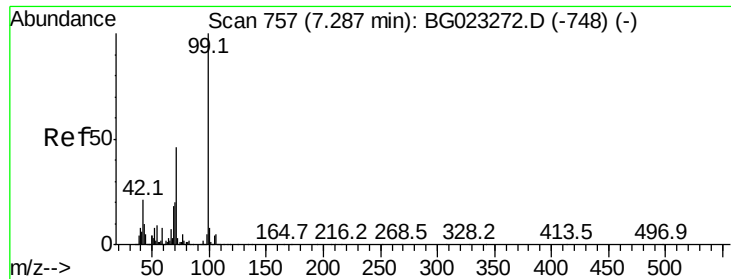
Ion Ratio Lower Upper

93 100

66 41.5 37.5 56.3

65 21.6 17.9 26.9





#7

Phenol-d6

Concen: 121.09 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Tot Ion: 99 Resp: 1752514

Ion Ratio Lower Upper

99 100

42 18.1 17.8 26.6

71 39.7 41.5 62.3#

Instrument :

BNA_G

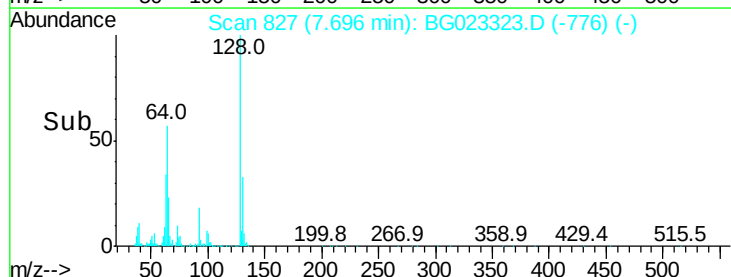
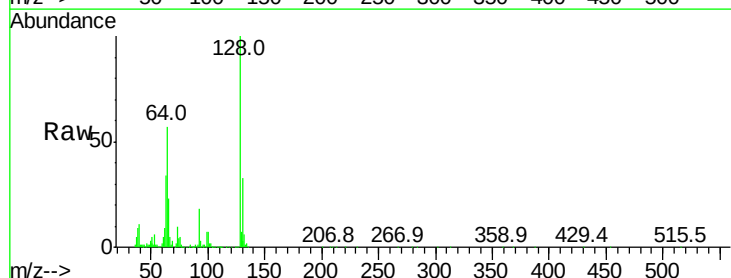
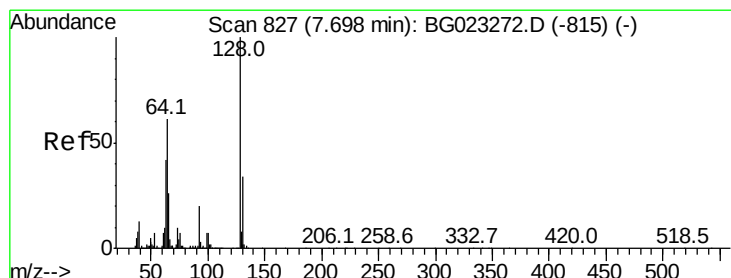
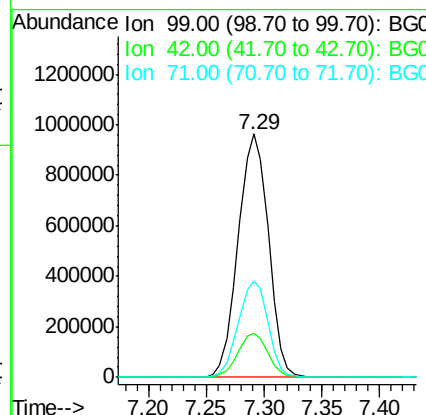
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#8

2-Chlorophenol

Concen: 42.32 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

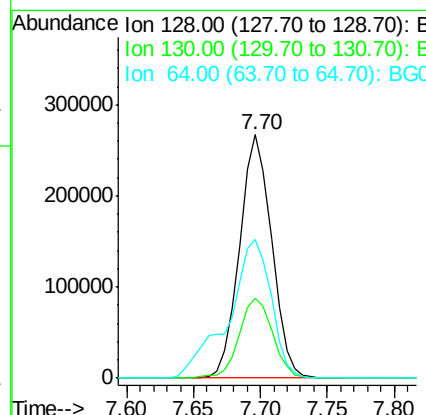
Tgt Ion: 128 Resp: 445076

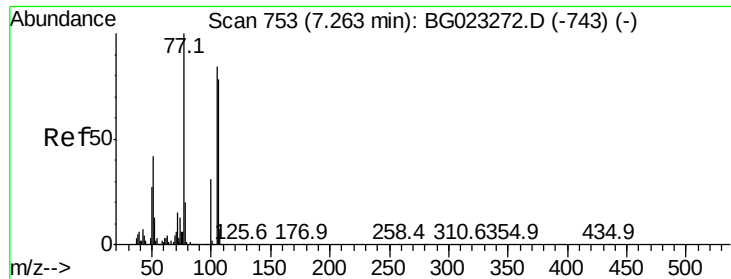
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 56.8 42.0 82.0





#9

Benzaldehyde

Concen: 26.40 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion: 77 Resp: 274401

Ion Ratio Lower Upper

77 100

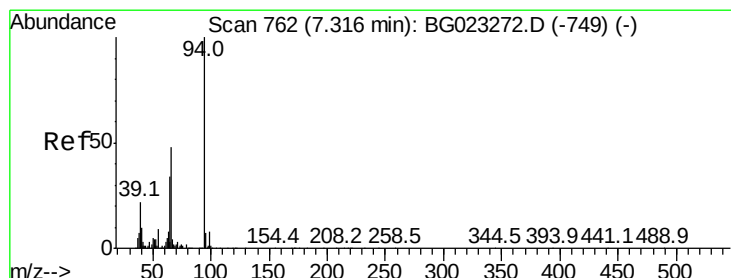
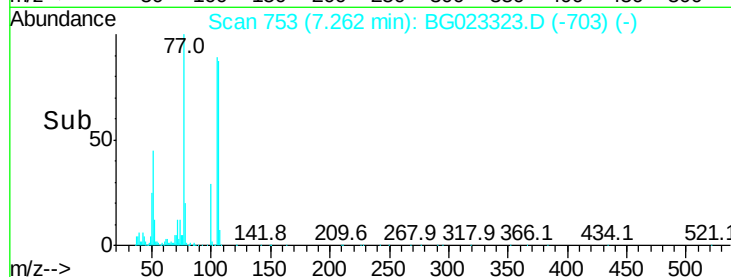
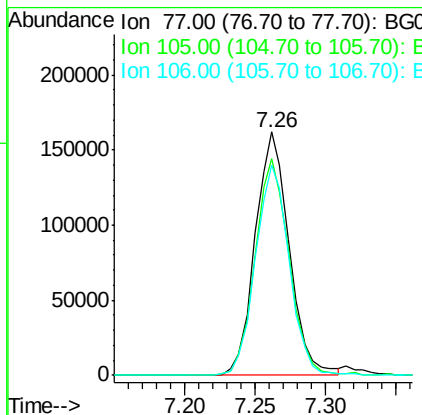
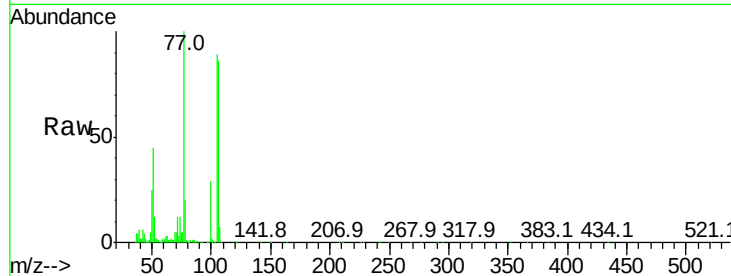
105 89.1 58.7 98.7

106 86.4 67.5 107.5

Manual Integrations

umangi

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#10

Phenol

Concen: 42.60 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

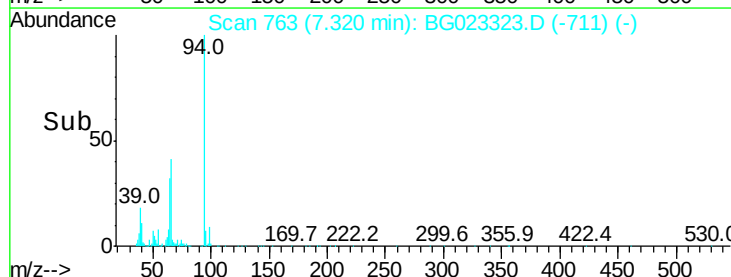
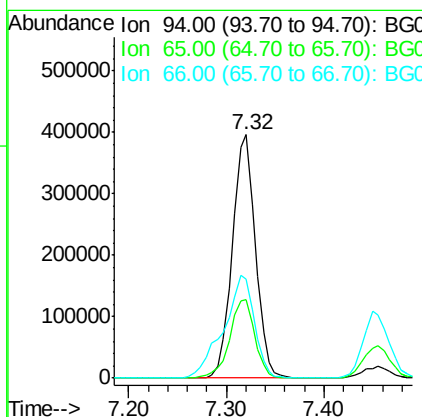
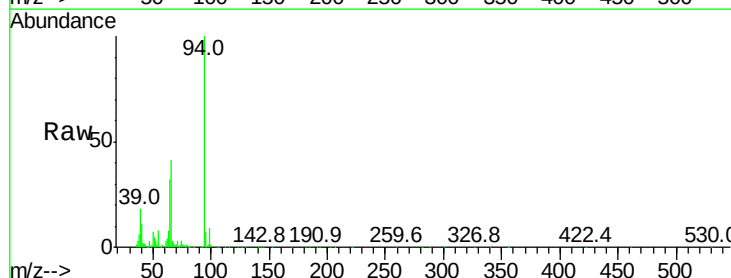
Tgt Ion: 94 Resp: 650555

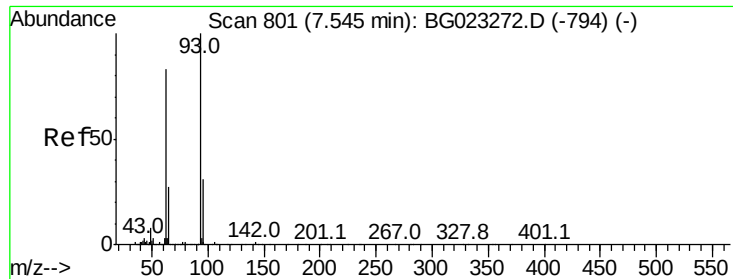
Ion Ratio Lower Upper

94 100

65 32.0 18.1 58.1

66 40.8 42.1 82.1#





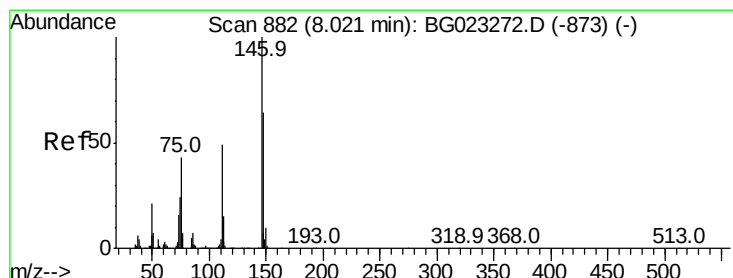
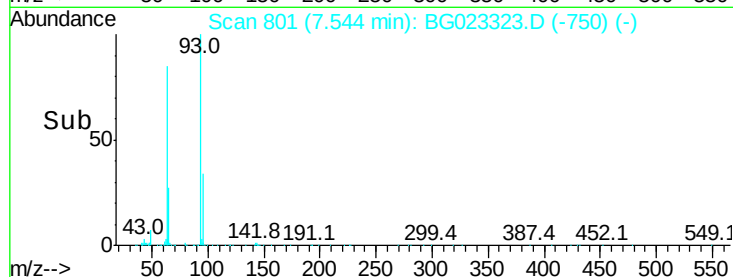
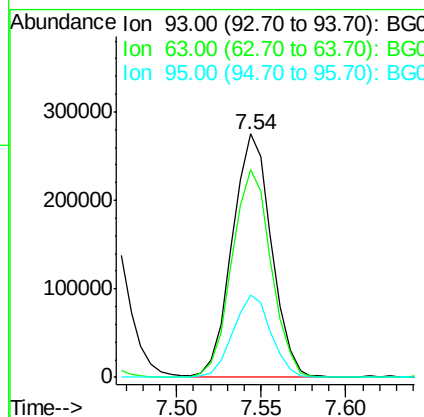
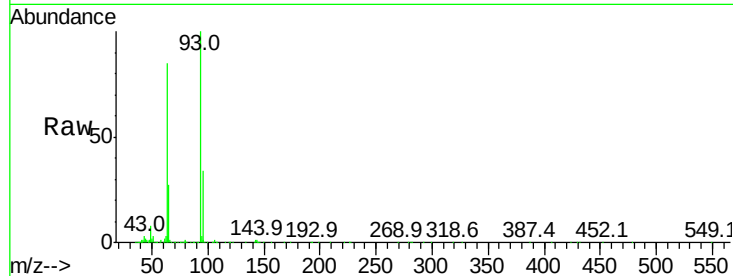
#11
bis(2-Chloroethyl)ether
Concen: 33.97 ng
RT: 7.54 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.1	55.0	95.0
95	34.0	11.0	51.0

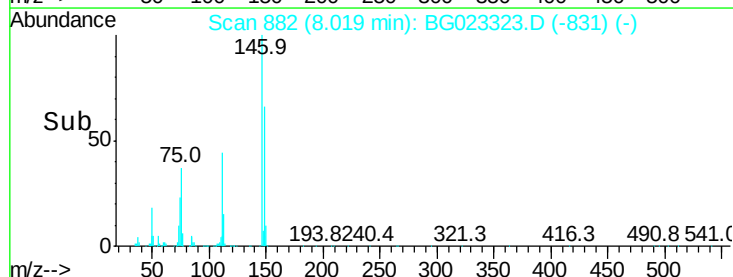
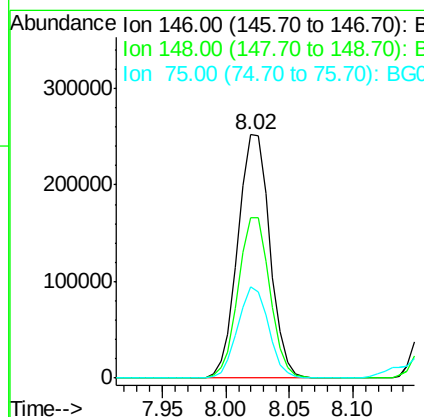
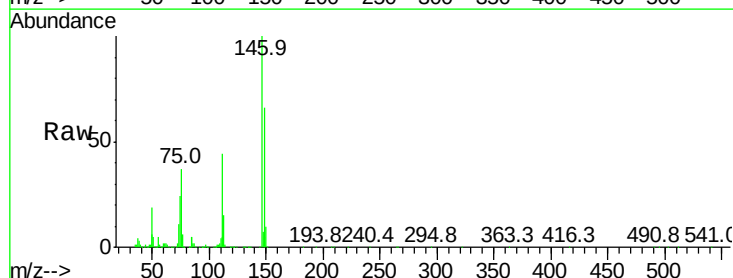
Manual Integrations

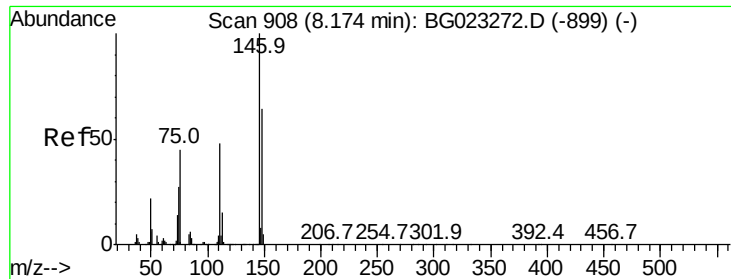
umangi
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#12
1,3-Dichlorobenzene
Concen: 37.23 ng
RT: 8.02 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.3	75.5
75	37.3	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 37.28 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG023323.D

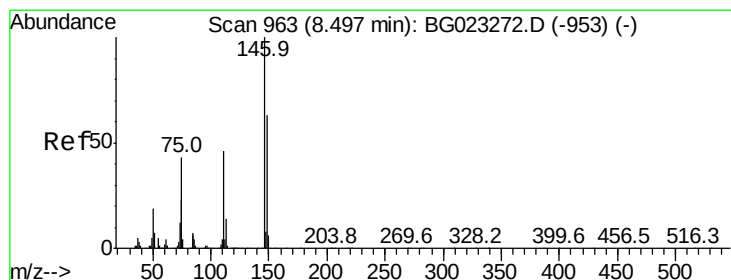
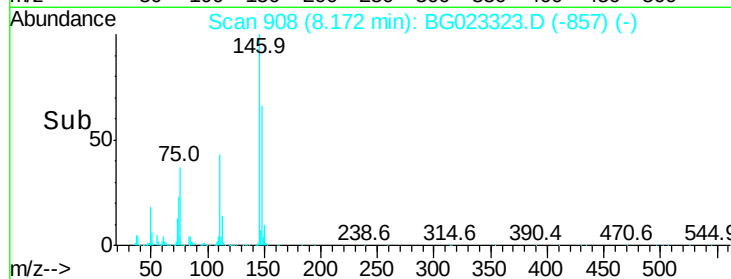
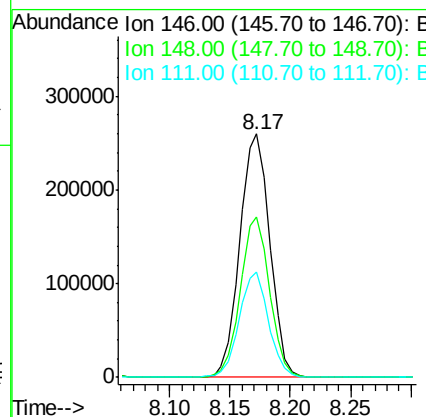
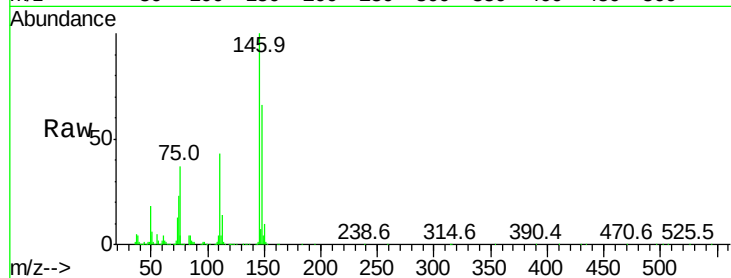
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	54.5	81.7
111	43.4	37.8	56.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 37.91 ng

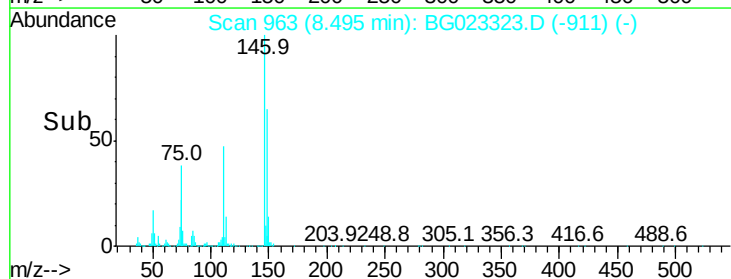
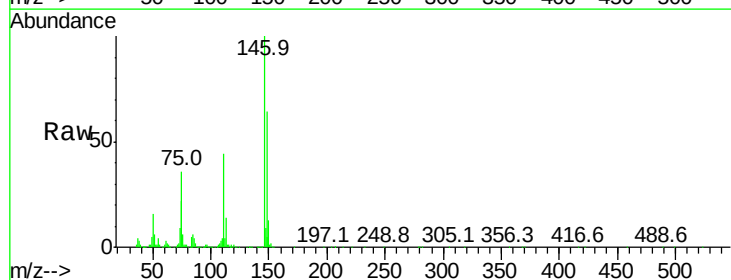
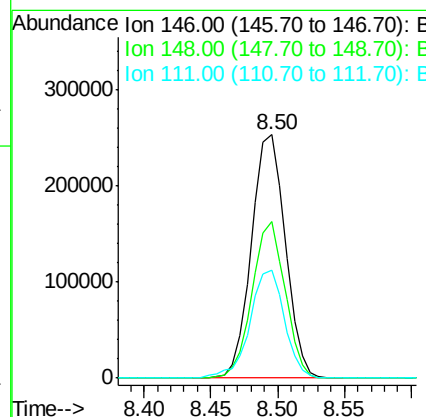
RT: 8.50 min Scan# 963

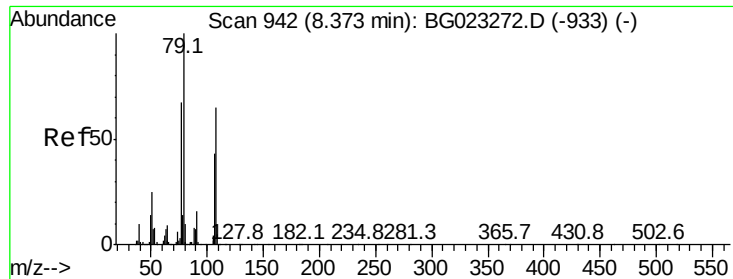
Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.9	79.3
111	44.4	43.5	65.3





#15

Benzyl Alcohol

Concen: 45.74 ng

RT: 8.38 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion: 79 Resp: 445492

Ion Ratio Lower Upper

79 100

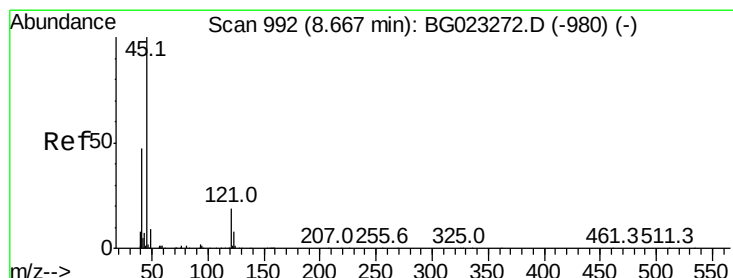
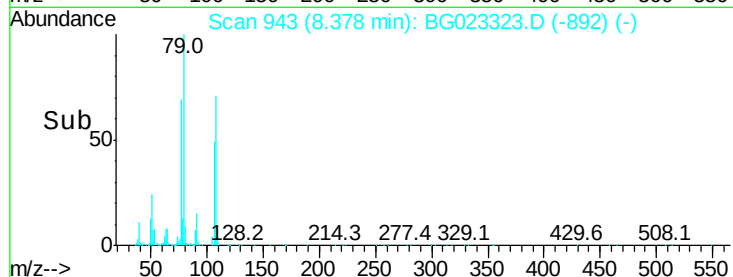
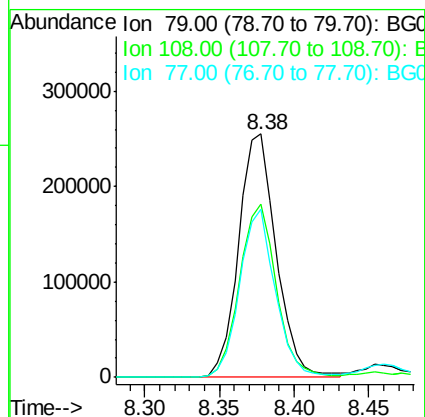
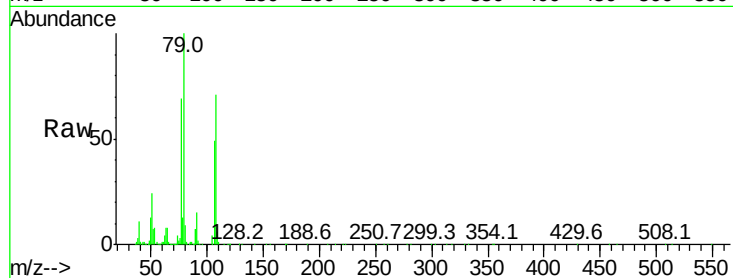
108 71.4 46.5 69.7#

77 69.3 52.3 78.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.84 ng

RT: 8.67 min Scan# 993

Delta R.T. -0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

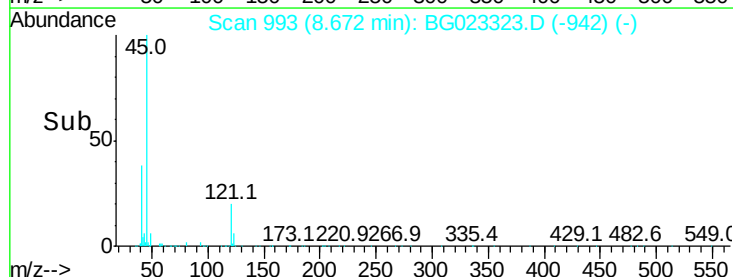
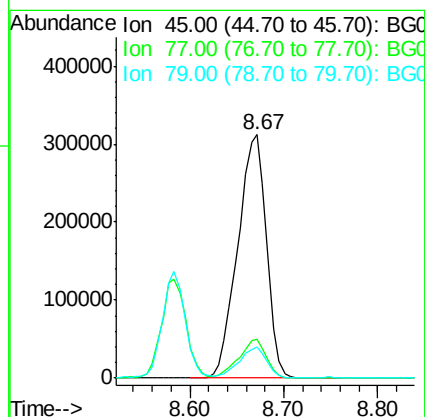
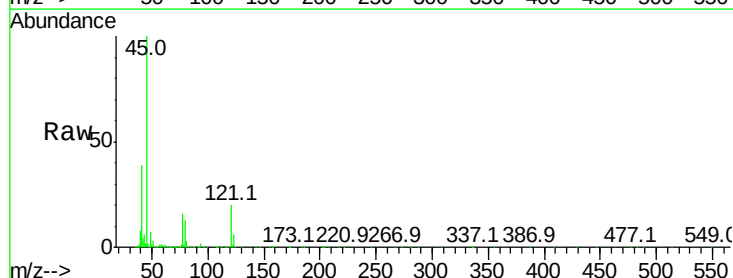
Tgt Ion: 45 Resp: 657662

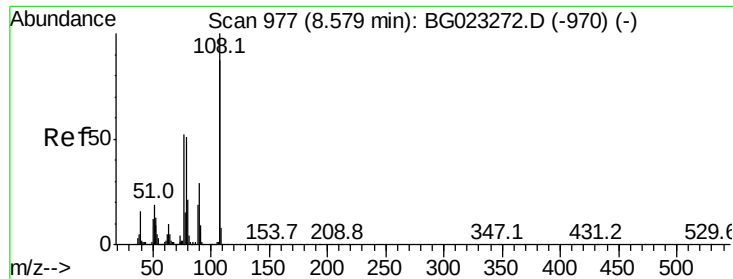
Ion Ratio Lower Upper

45 100

77 15.8 0.6 40.6

79 13.0 0.0 36.2





#17

2-Methylphenol

Concen: 42.39 ng

RT: 8.58 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

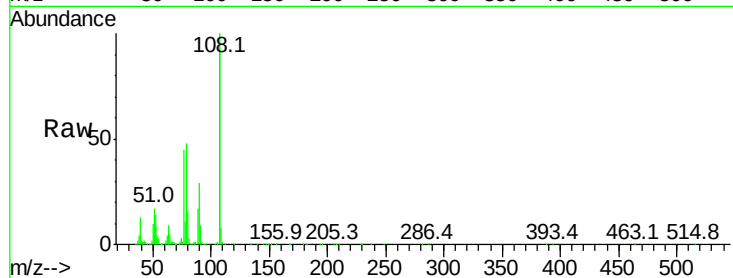
ClientSampleId :

PB92434BS

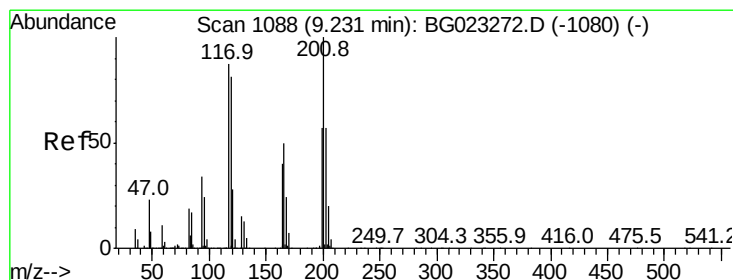
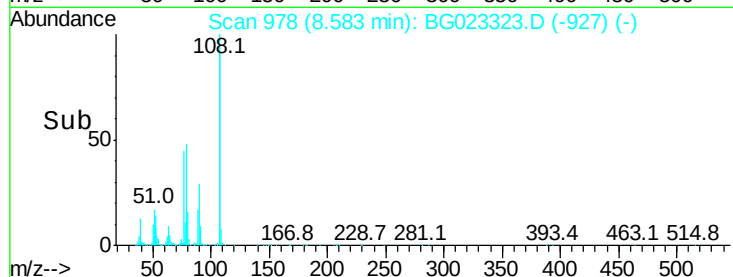
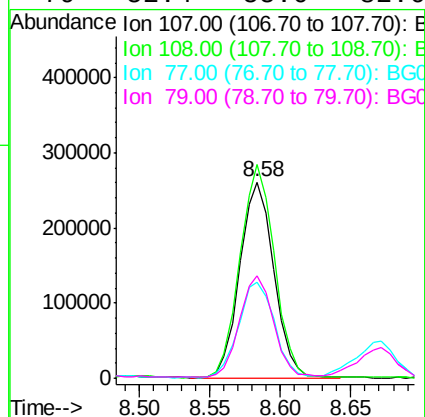
Manual Integrations

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Tot Ion	Ratio	Lower	Upper
107	100		
108	109.0	92.0	138.0
77	48.9	55.8	83.6#
79	52.4	55.0	82.6#



#18

Hexachloroethane

Concen: 34.19 ng

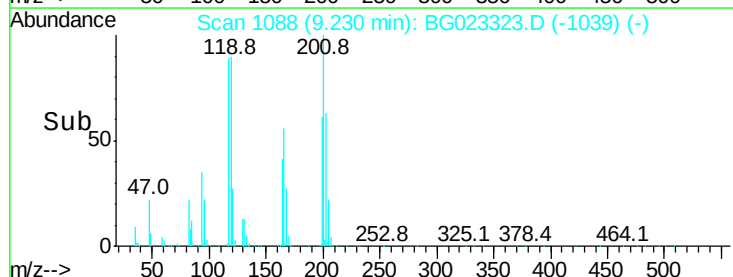
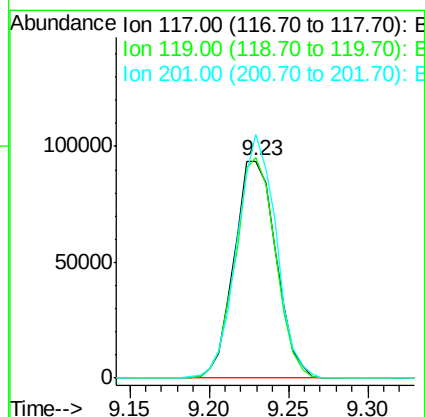
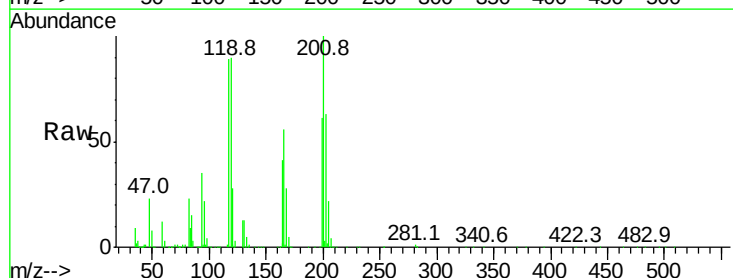
RT: 9.23 min Scan# 1088

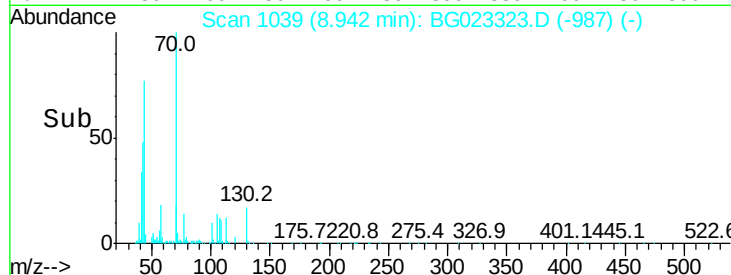
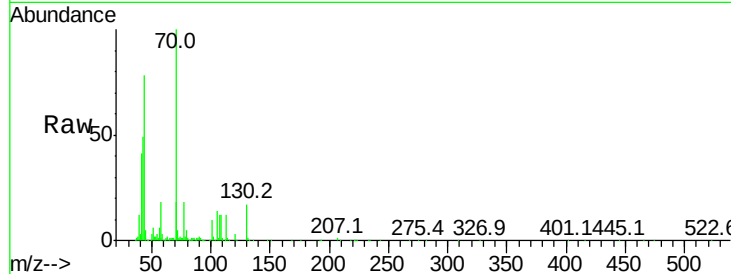
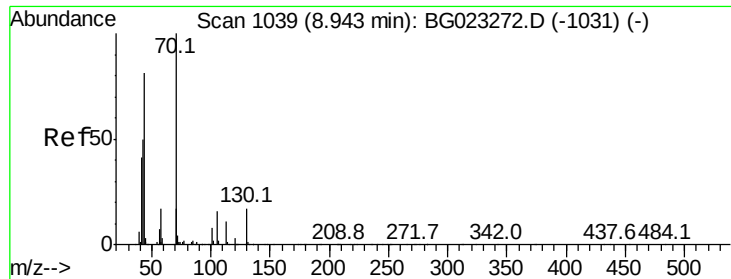
Delta R.T. -0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.6	73.7	110.5
201	112.3	88.7	133.1





#19

n-Nitroso-di-n-propylamine

Concen: 34.02 ng

RT: 8.94 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BG023323.D

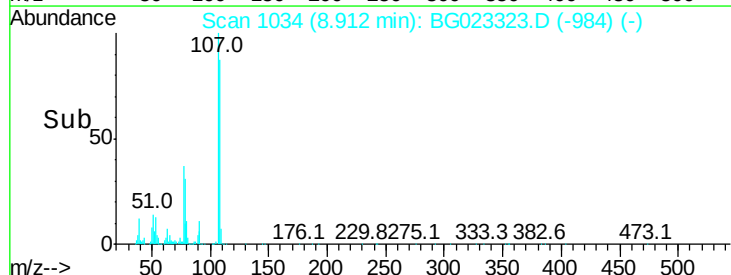
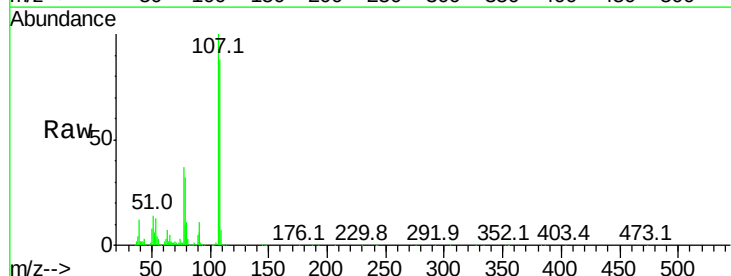
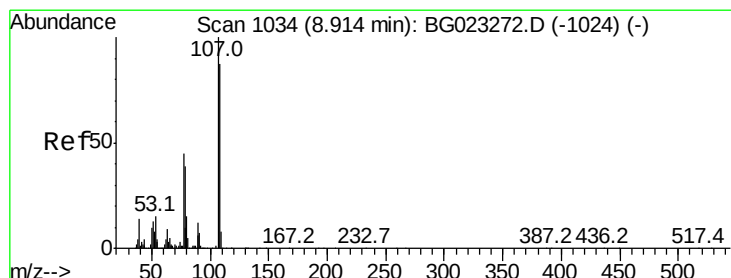
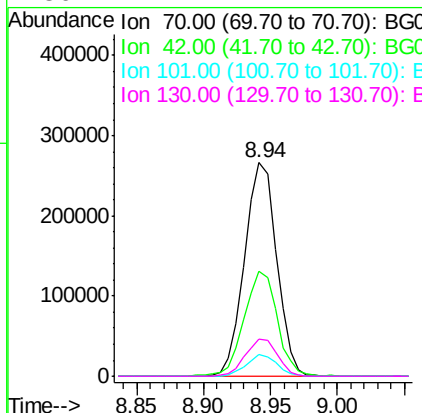
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion	Ion	Ratio	Lower	Upper
442793	70	100		
	42	49.2	42.1	63.1
	101	10.1	7.2	10.8
	130	17.1	14.2	21.2

Manual Integrations

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#20

3+4-Methylphenols

Concen: 43.01 ng

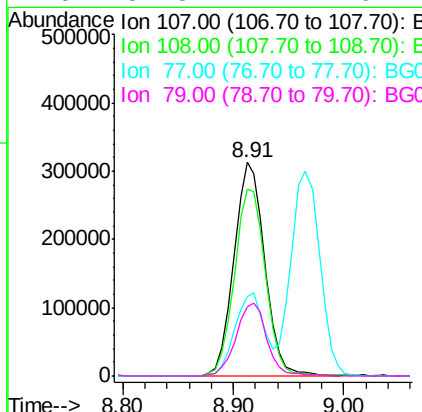
RT: 8.91 min Scan# 1034

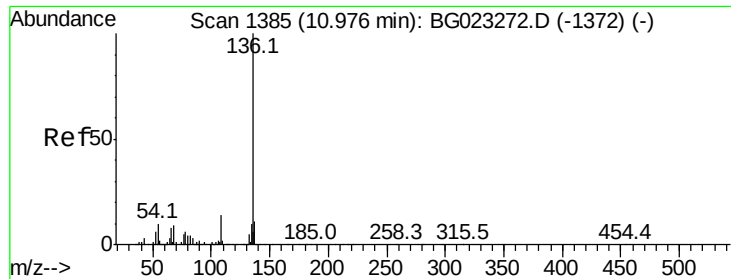
Delta R.T. -0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Tgt Ion	Ion	Ratio	Lower	Upper
610373	107	100		
	108	87.6	72.5	112.5
	77	37.0	30.1	70.1
	79	32.3	24.2	64.2





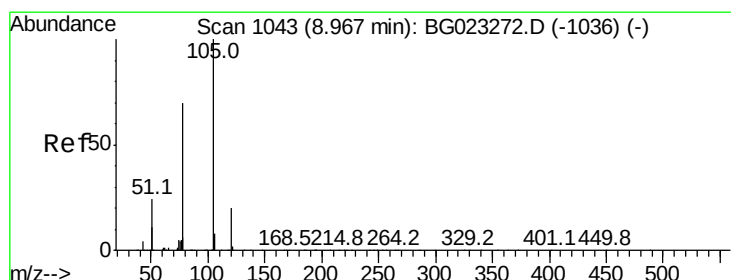
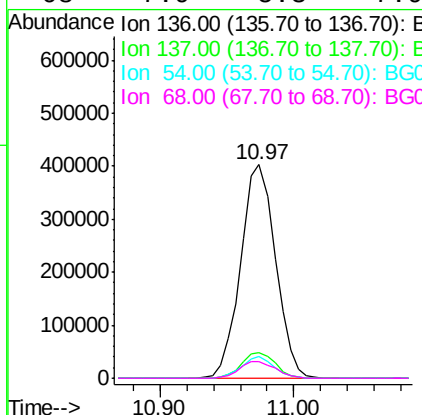
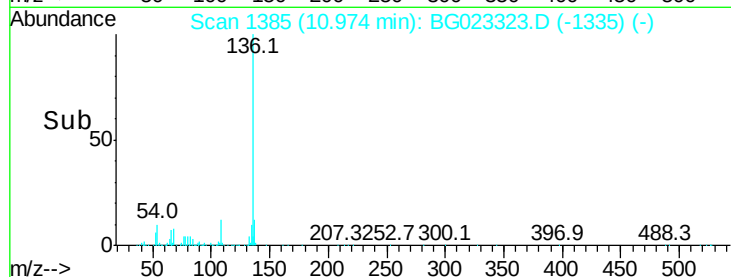
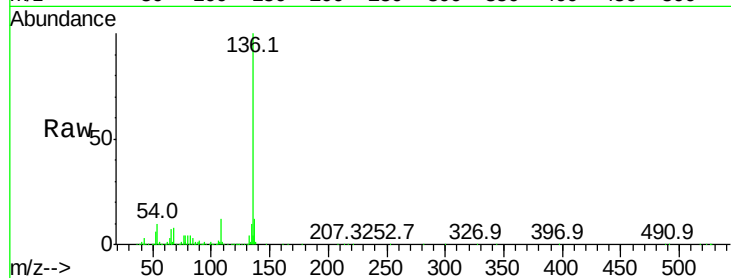
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	728663		
137	12.3		9.6	14.4
54	10.5		7.3	10.9
68	7.9		5.3	7.9#

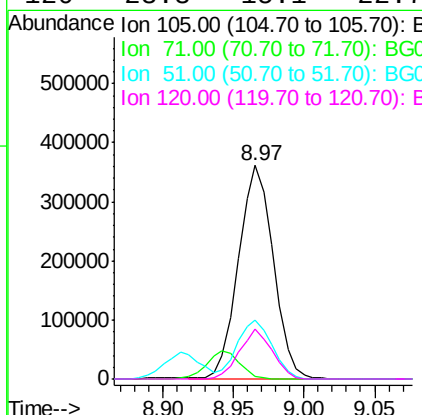
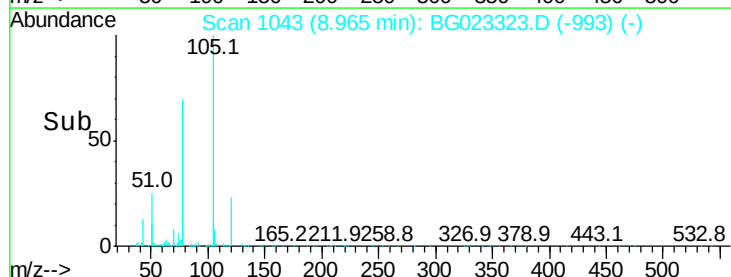
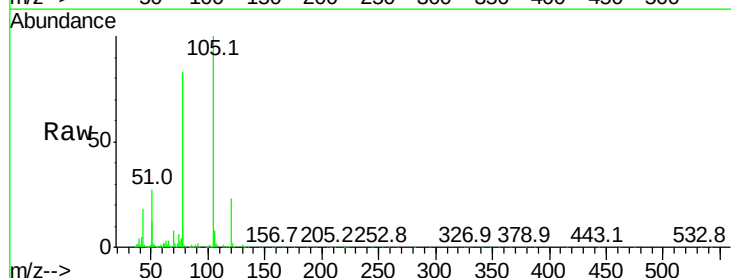
Manual Integrations

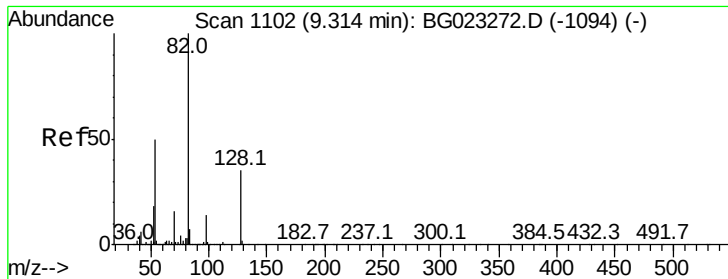
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#22
Acetophenone
Concen: 32.81 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	624202		
71	1.5		2.6	3.8#
51	27.3		27.1	40.7
120	23.3		15.1	22.7#





#23

Nitrobenzene-d5

Concen: 76.19 ng

RT: 9.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion: 82 Resp: 1135251

Ion Ratio Lower Upper

82 100

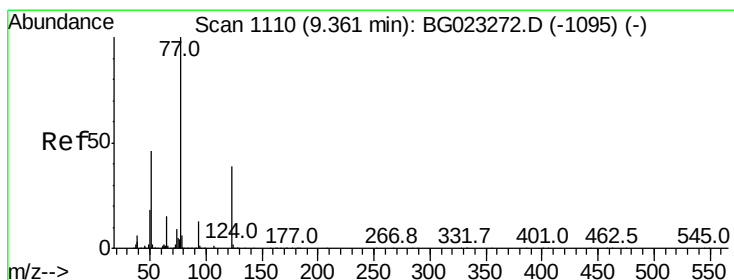
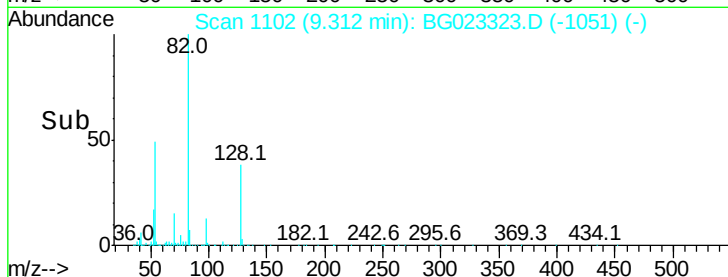
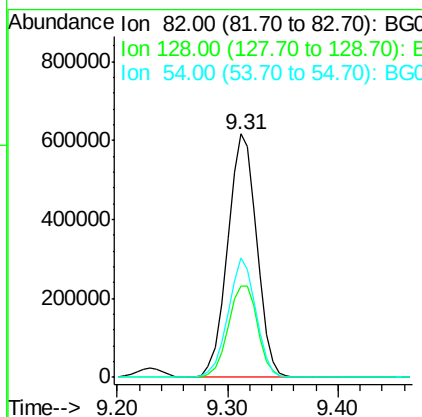
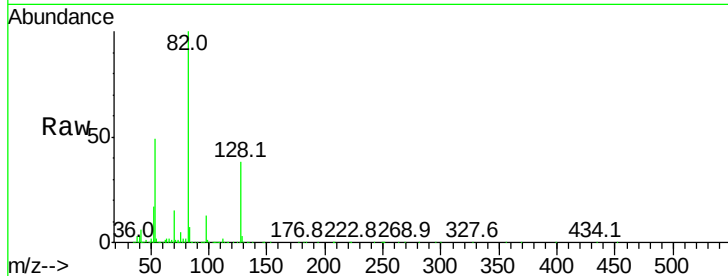
128 37.7 24.4 36.6#

54 48.8 41.4 62.0

Manual Integrations

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#24

Nitrobenzene

Concen: 36.20 ng

RT: 9.36 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

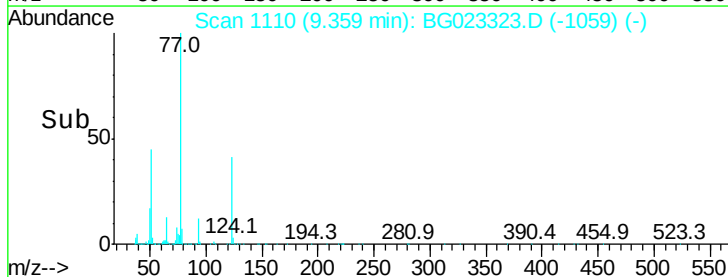
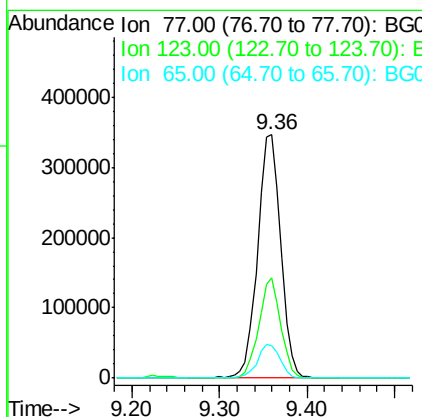
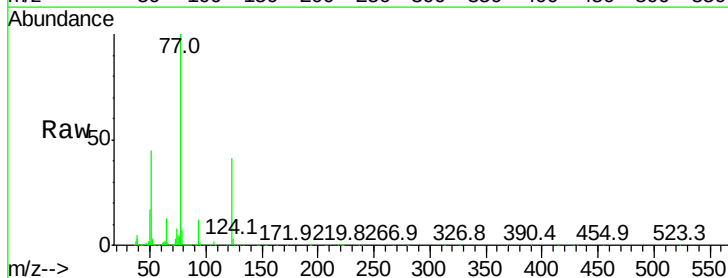
Tgt Ion: 77 Resp: 626343

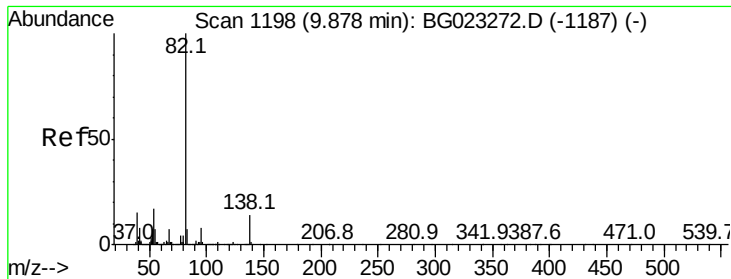
Ion Ratio Lower Upper

77 100

123 40.9 25.0 37.6#

65 13.2 13.4 20.0#





#25

Isophorone

Concen: 37.38 ng

RT: 9.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion: 82 Resp: 1150347

Ion Ratio Lower Upper

82 100

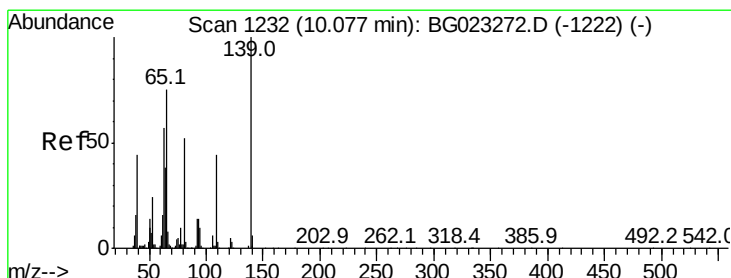
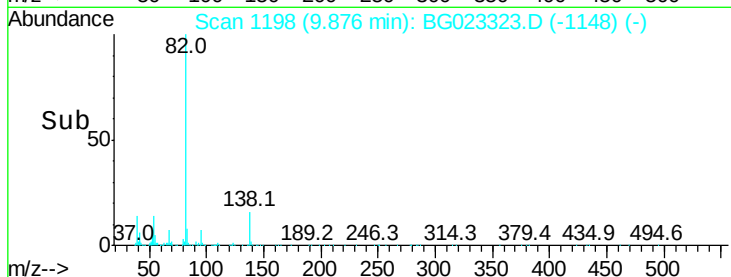
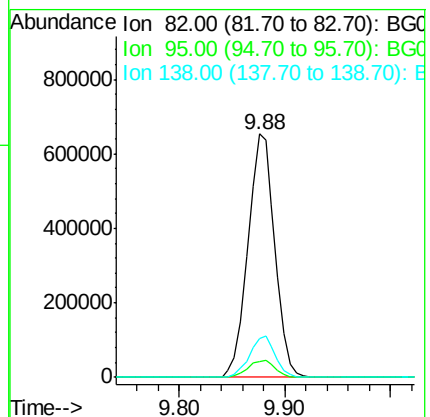
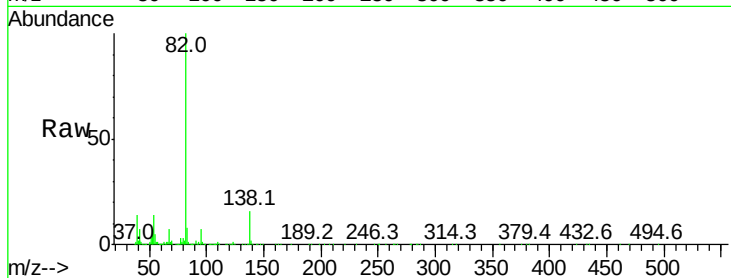
95 6.7 8.2 12.2#

138 15.9 10.7 16.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.67 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

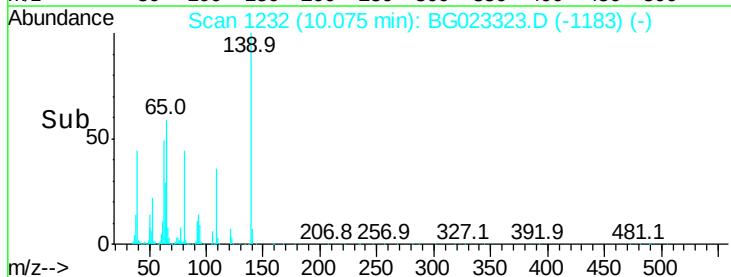
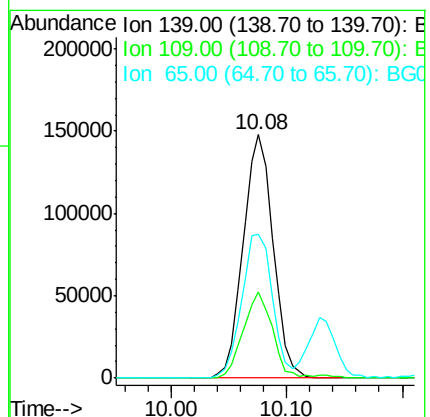
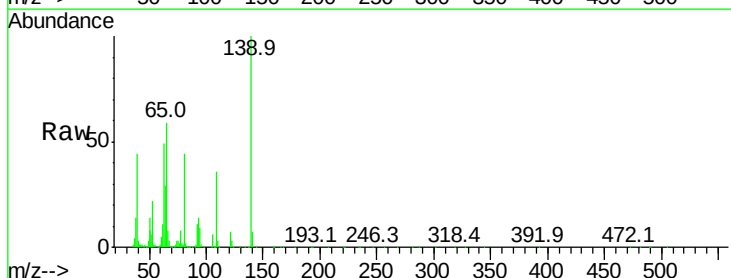
Tgt Ion: 139 Resp: 265773

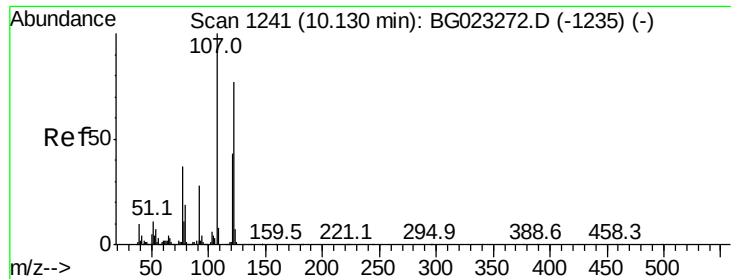
Ion Ratio Lower Upper

139 100

109 35.6 43.5 65.3#

65 58.9 64.3 96.5#





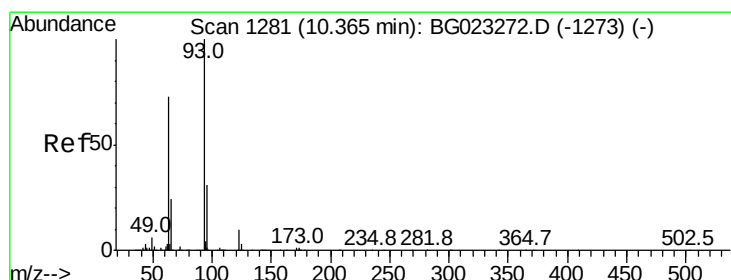
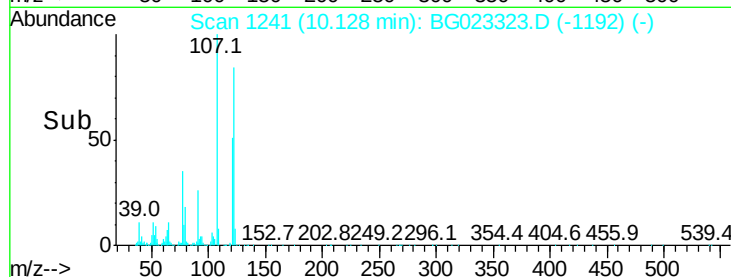
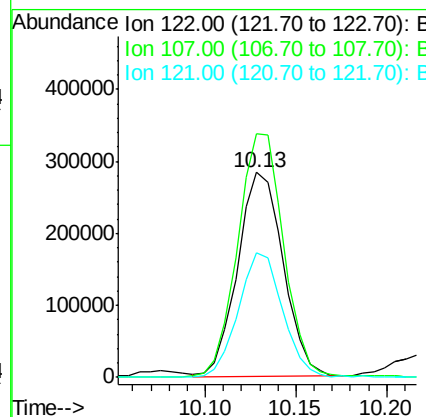
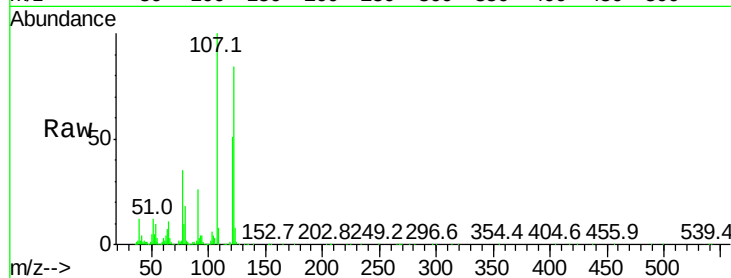
#27
 2,4-Dimethylphenol
 Concen: 44.83 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92434BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	117.0	175.4
121	60.8	50.1	75.1

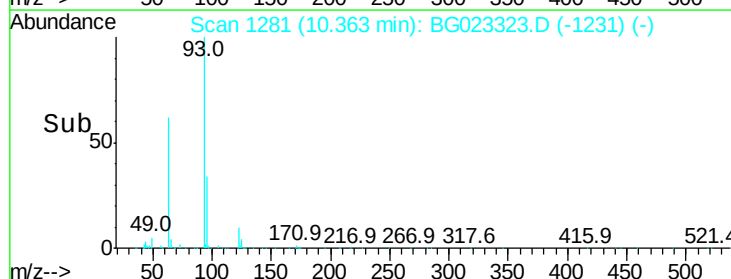
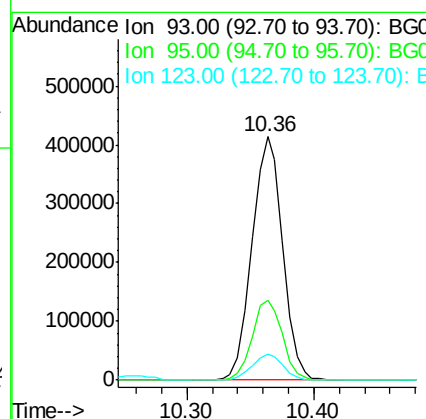
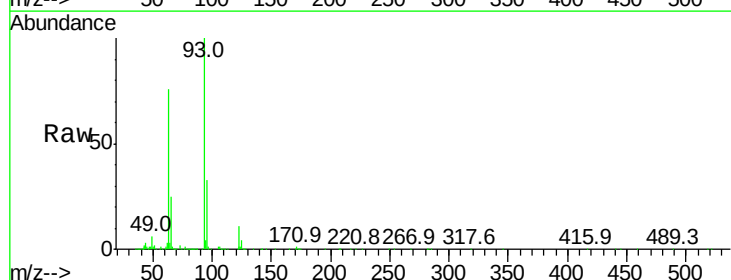
Manual Integrations

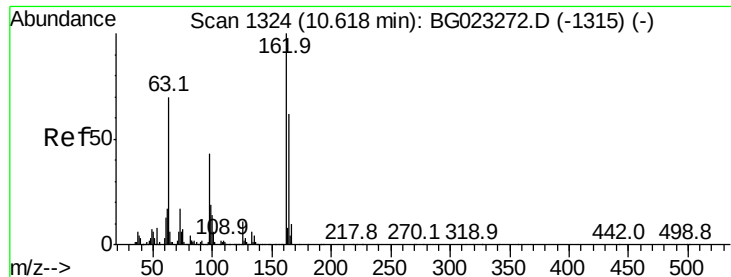
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.11 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.2
123	10.6	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 47.22 ng

RT: 10.62 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

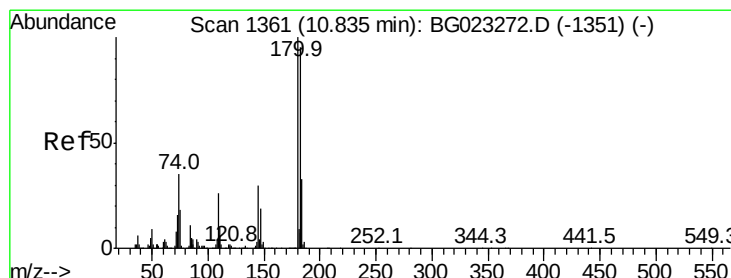
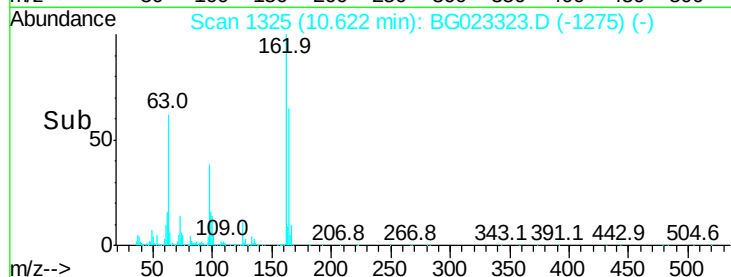
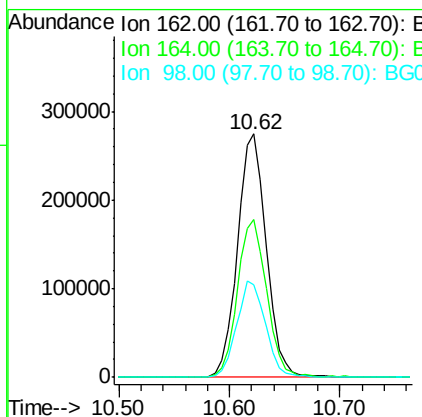
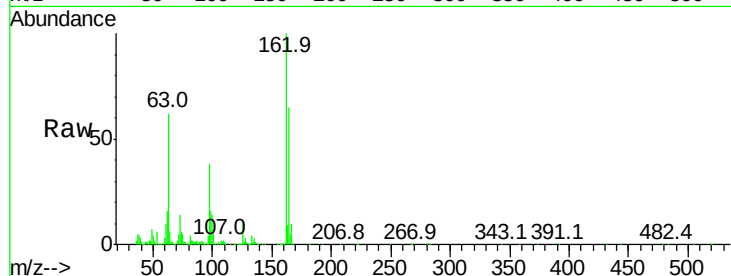
PB92434BS

Tot Ion:	162	Resp:	503611
Ion Ratio	Lower	Upper	
162	100		
164	65.0	44.3	84.3
98	37.8	19.5	59.5

Manual Integrations

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#30

1,2,4-Trichlorobenzene

Concen: 39.87 ng

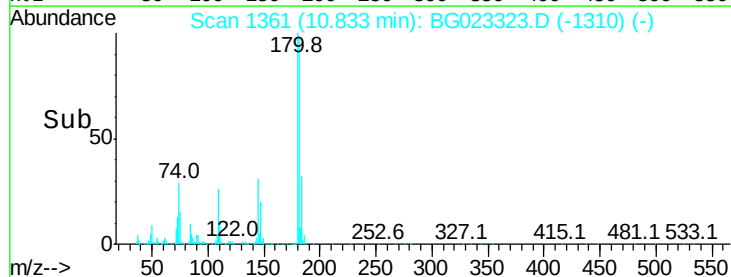
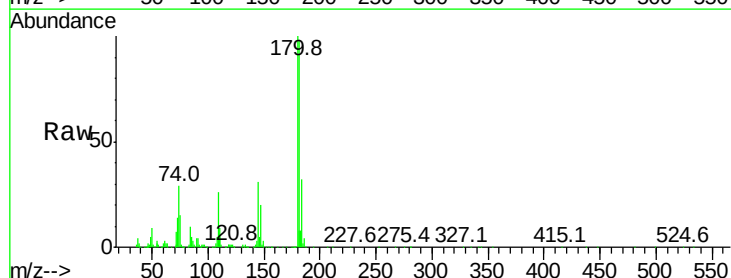
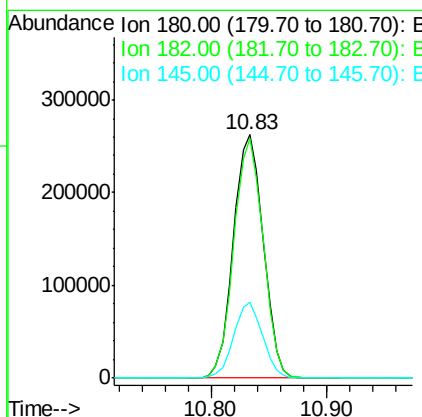
RT: 10.83 min Scan# 1361

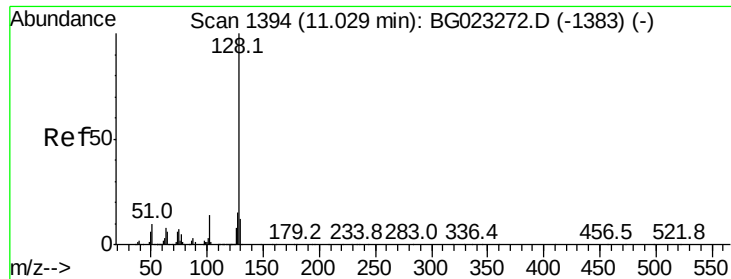
Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Tgt Ion:	180	Resp:	469860
Ion Ratio	Lower	Upper	
180	100		
182	98.2	73.8	110.8
145	31.2	24.4	36.6





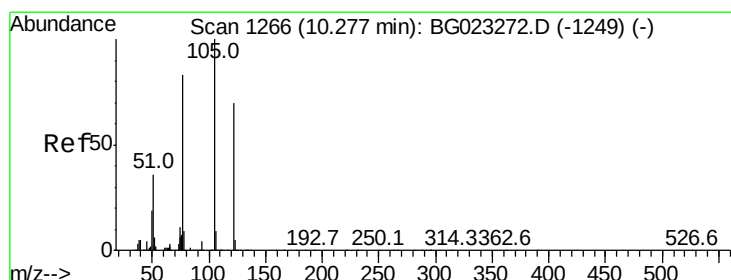
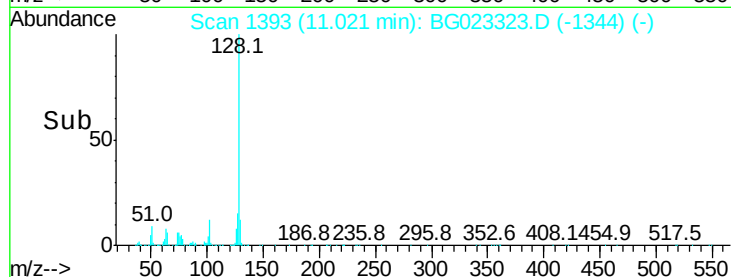
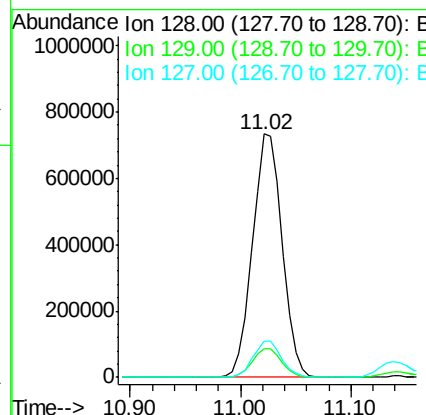
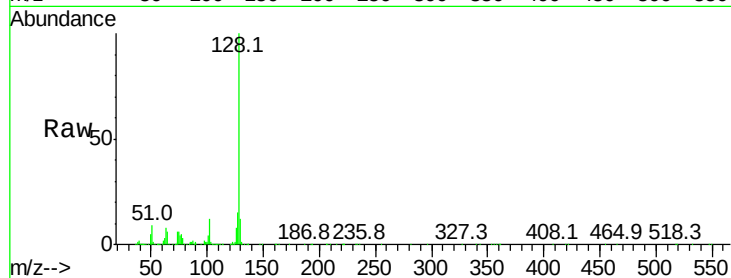
#31
Naphthalene
Concen: 40.80 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	14.9	11.3	16.9

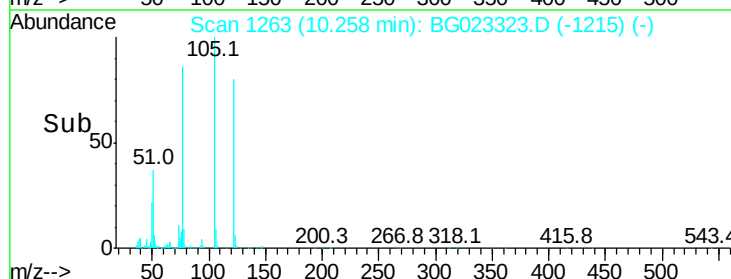
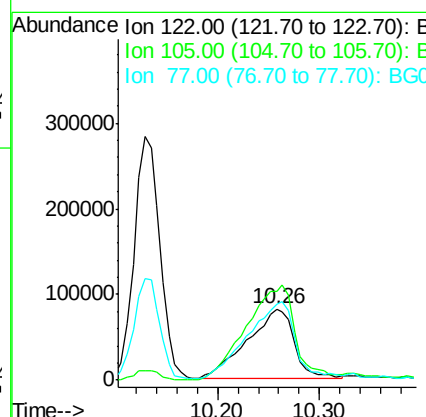
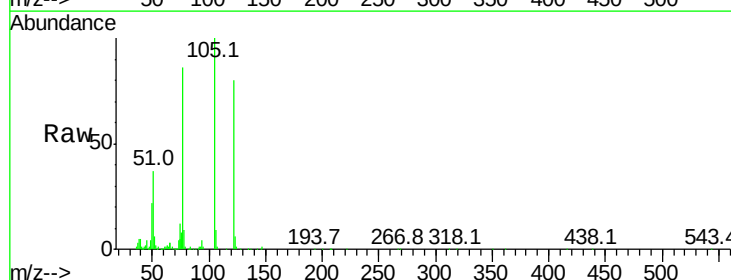
Manual Integrations

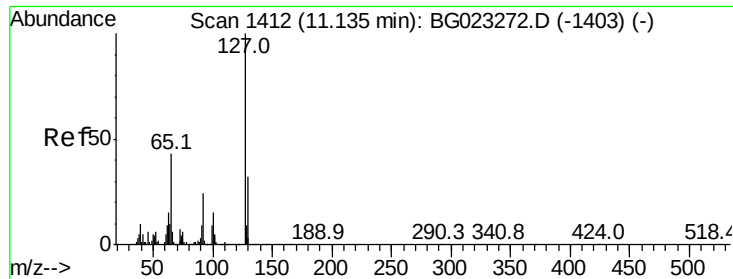
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#32
Benzoic acid
Concen: 32.02 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	117.2	157.2
77	107.6	109.2	149.2





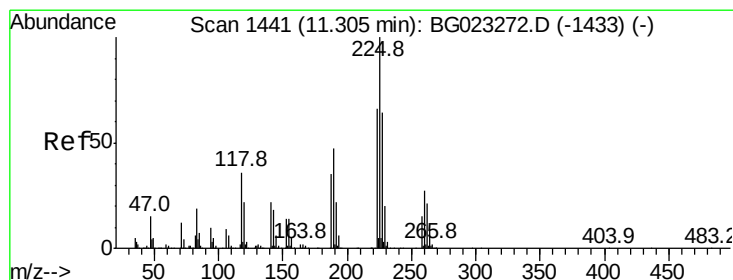
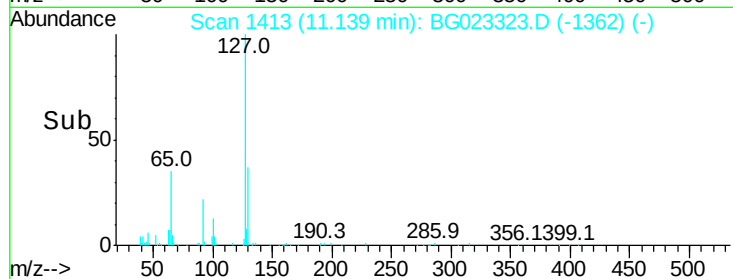
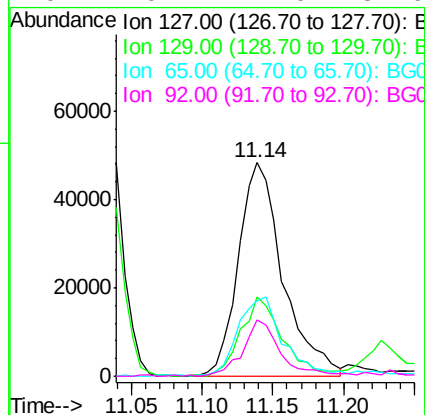
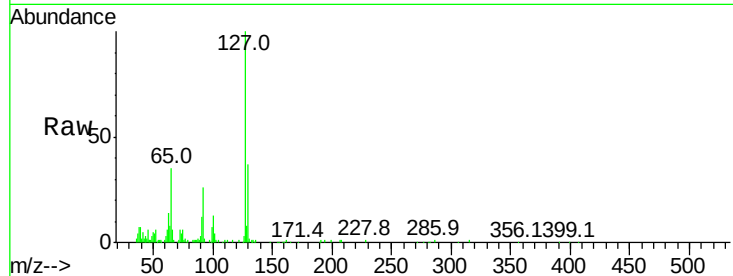
#33
4-Chloroaniline
Concen: 6.82 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	37.3	27.9	41.9		
65	35.2	36.8	55.2		
92	26.4	21.0	31.6		

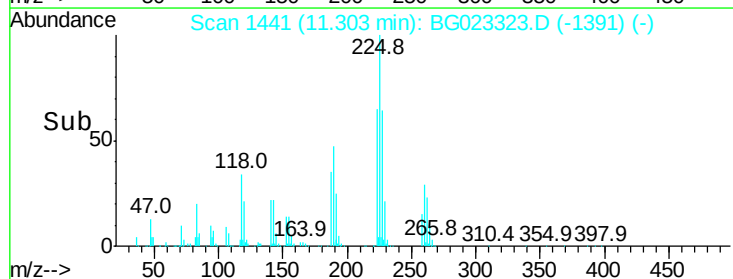
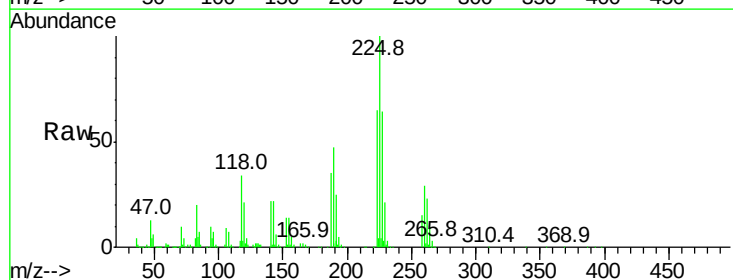
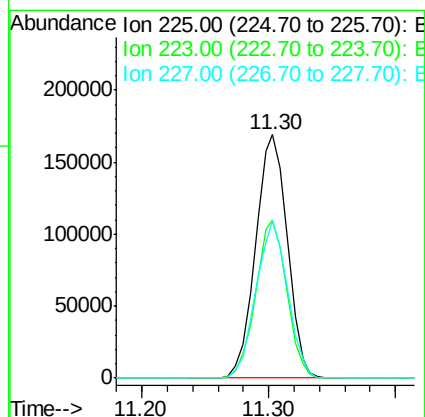
Manual Integrations

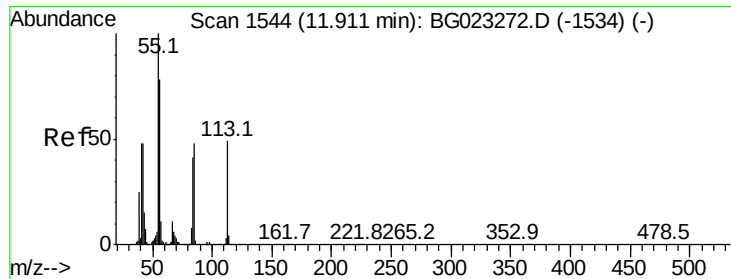
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#34
Hexachlorobutadiene
Concen: 38.07 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.9	49.6	74.4		
227	64.1	54.5	81.7		





#35

Caprolactam

Concen: 44.01 ng

RT: 11.91 min Scan# 1545

Delta R.T. 0.03 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

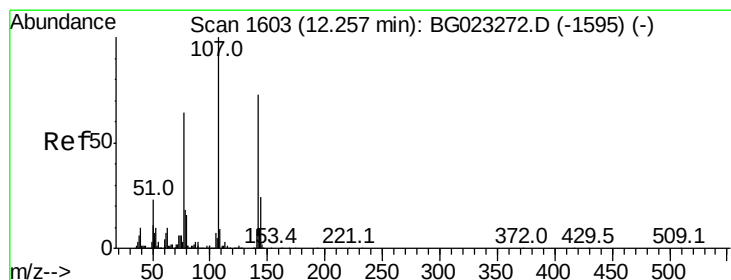
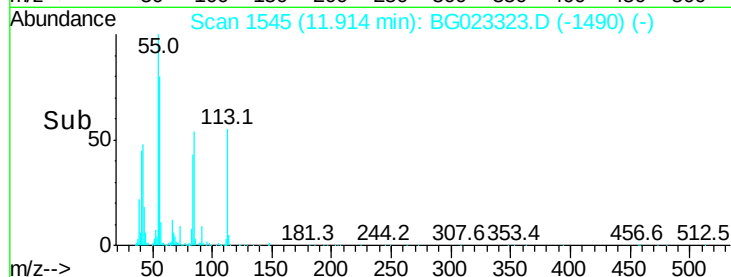
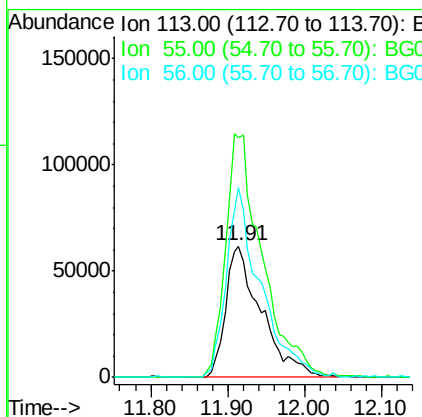
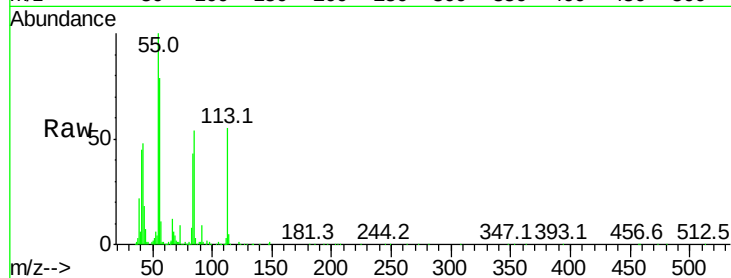
PB92434BS

Tot Ion:	113	Resp:	199600
Ion Ratio	Lower	Upper	
113	100		
55	181.9	154.5	194.5
56	144.3	125.1	165.1

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 43.38 ng

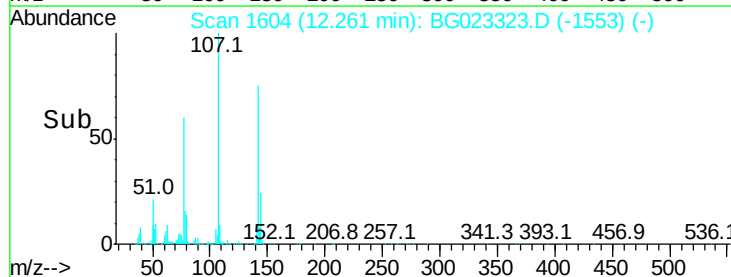
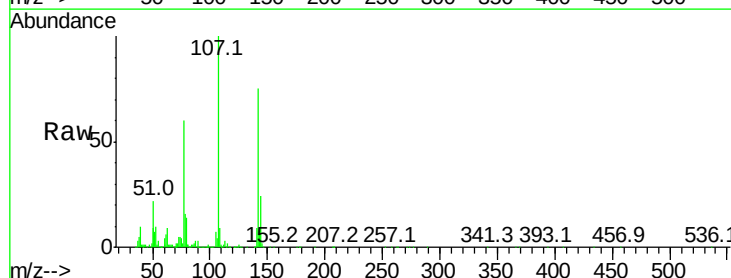
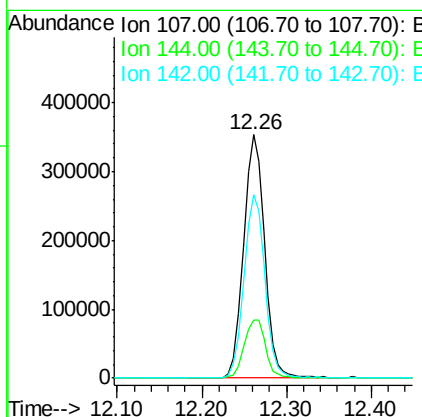
RT: 12.26 min Scan# 1604

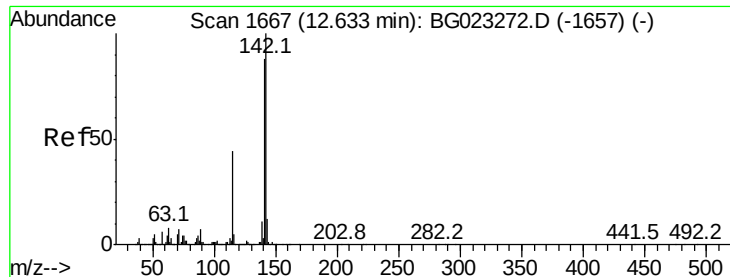
Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Tgt Ion:	107	Resp:	607798
Ion Ratio	Lower	Upper	
107	100		
144	23.7	17.0	25.6
142	75.2	53.0	79.6





#37

2-Methylnaphthalene

Concen: 42.90 ng/ml

RT: 12.63 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

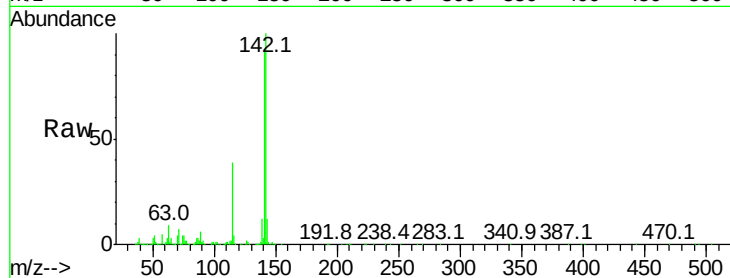
ClientSampleId :

PB92434BS

Manual Integrations

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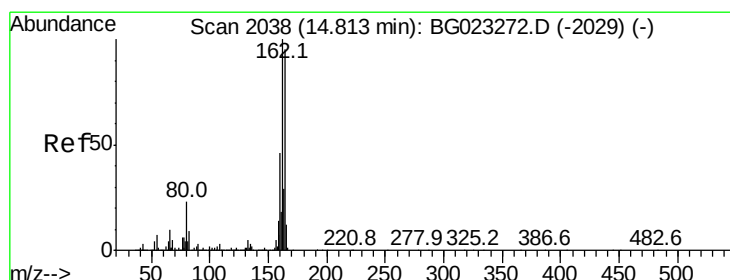
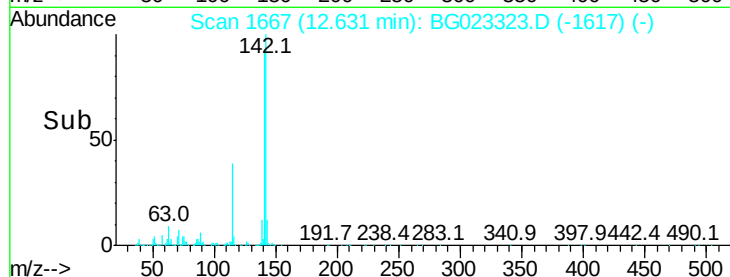
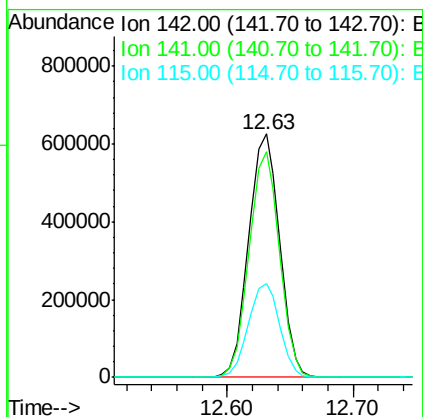
Tot Ion:142 Resp: 1076843

Ion Ratio Lower Upper

142 100

141 92.5 70.2 105.2

115 38.8 41.7 62.5#



#38

Acenaphthene-d10

Concen: 20.00 ng/ml

RT: 14.81 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

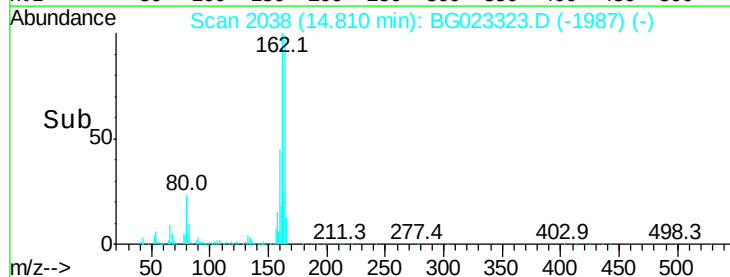
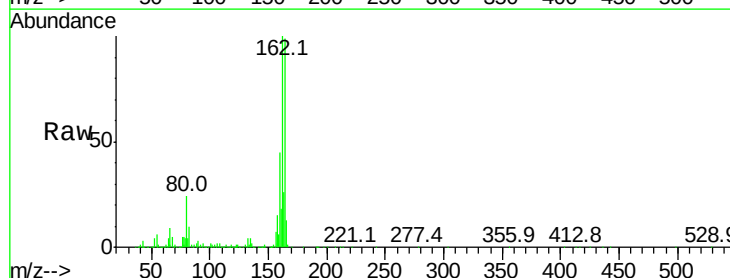
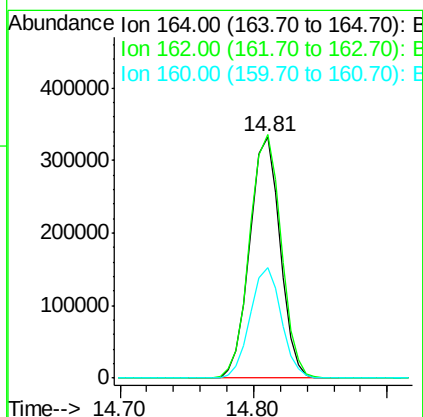
Tgt Ion:164 Resp: 520293

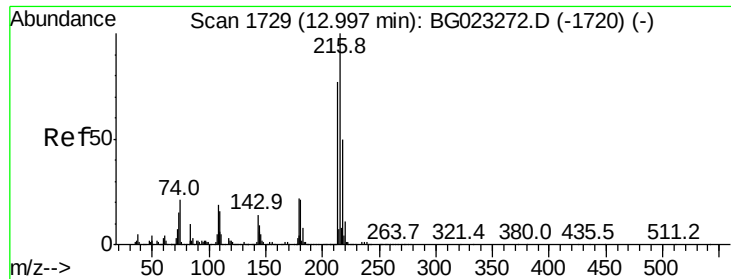
Ion Ratio Lower Upper

164 100

162 100.8 87.7 131.5

160 45.6 37.2 55.8





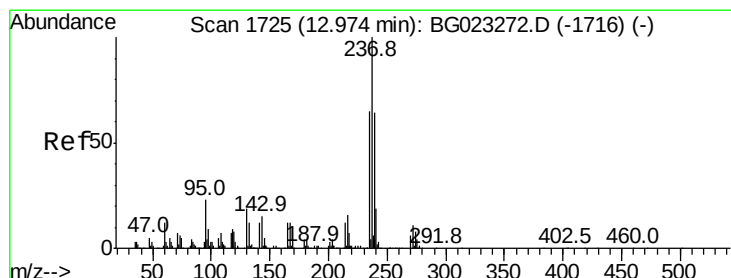
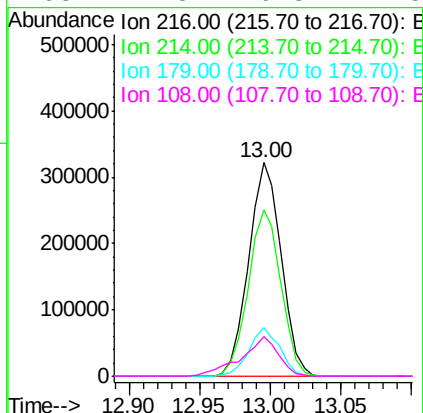
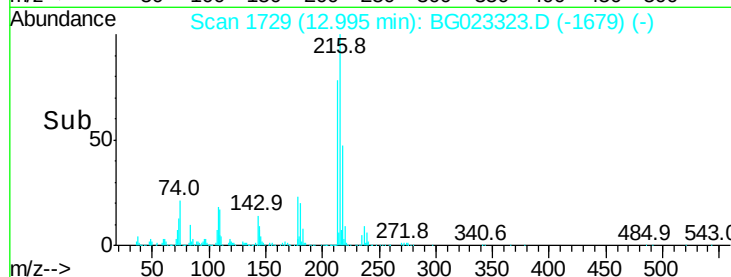
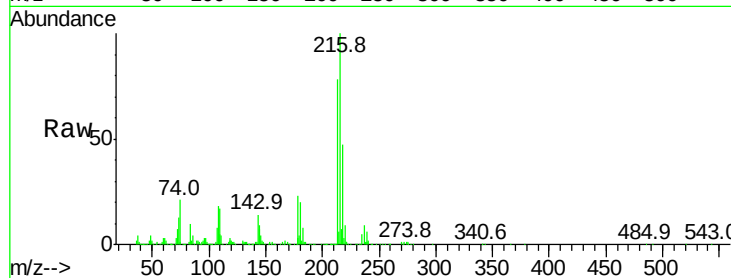
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.87 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92434BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	519956		
214	78.3	62.9	94.3	
179	21.7	17.2	25.8	
108	21.3	16.3	24.5	

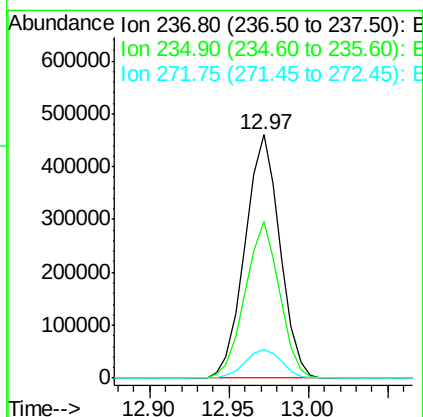
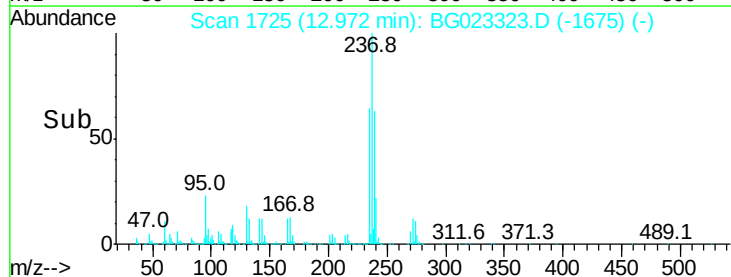
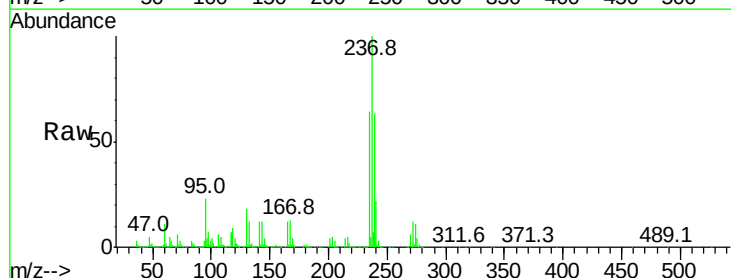
Manual Integrations

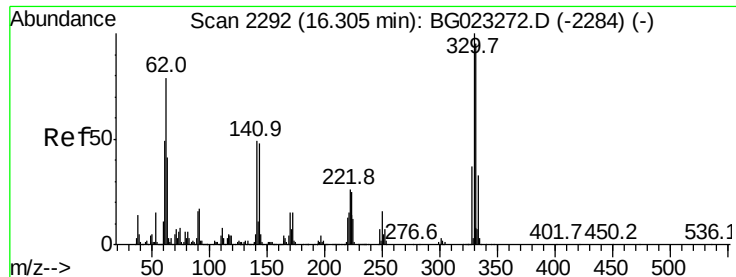
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#40
 Hexachlorocyclopentadiene
 Concen: 88.01 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	702460		
235	64.3	43.1	83.1	
272	11.9	0.0	30.9	





#41

2,4,6-Tribromophenol

Concen: 150.01 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:330 Resp: 807817

Ion Ratio Lower Upper

330 100

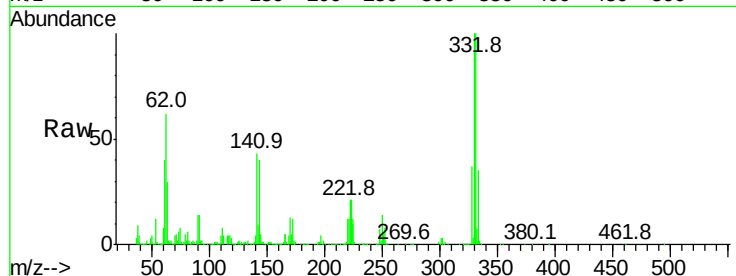
332 97.7 77.4 116.2

141 39.3 31.7 47.5

Manual Integrations

umangi

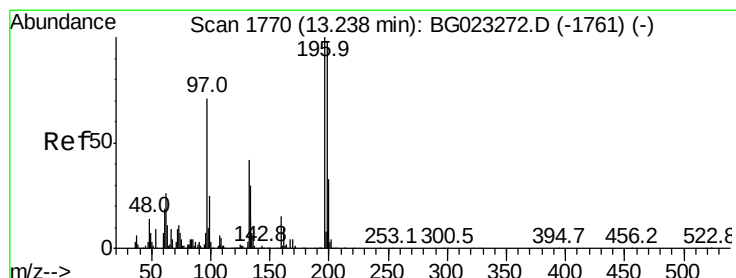
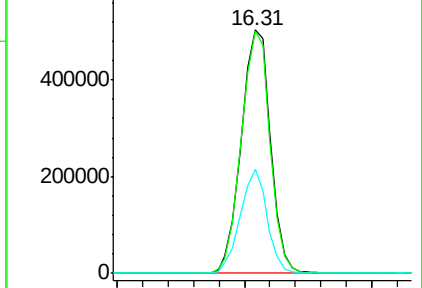
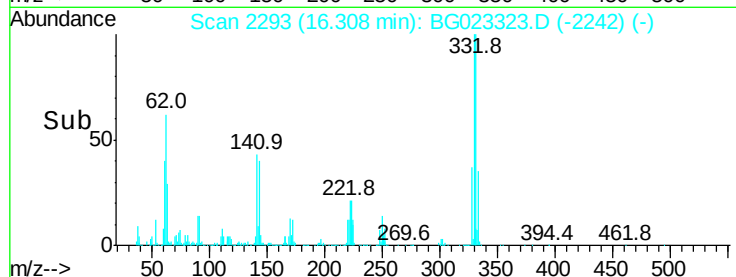
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.27 ng

RT: 13.24 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

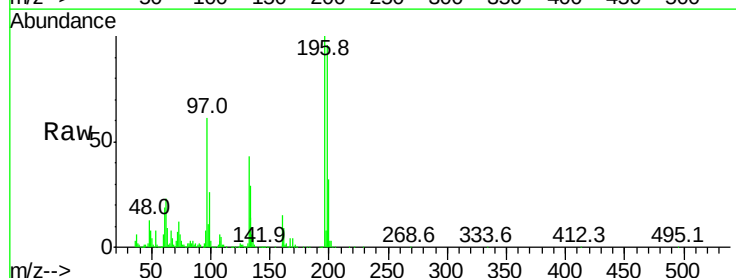
Tgt Ion:196 Resp: 438012

Ion Ratio Lower Upper

196 100

198 95.7 78.2 117.2

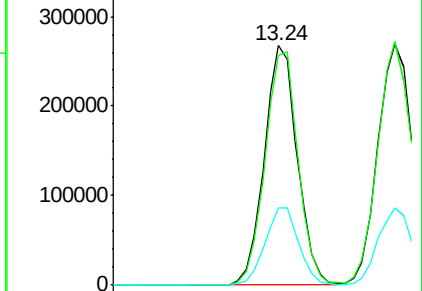
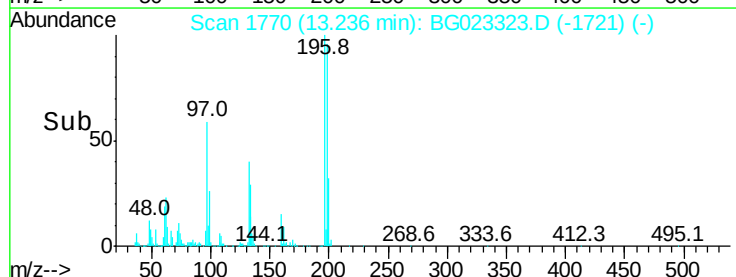
200 32.3 27.0 40.4

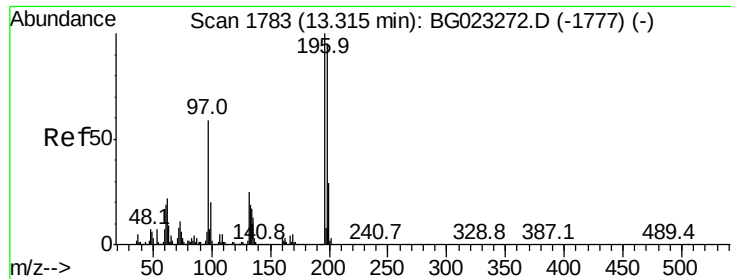


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





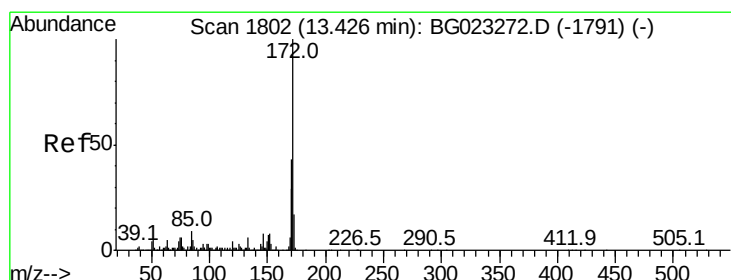
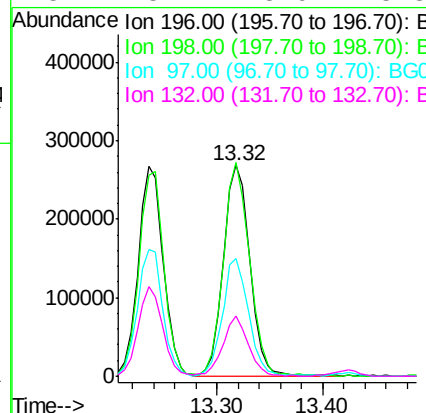
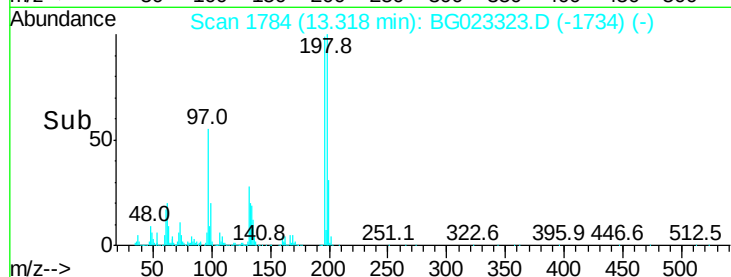
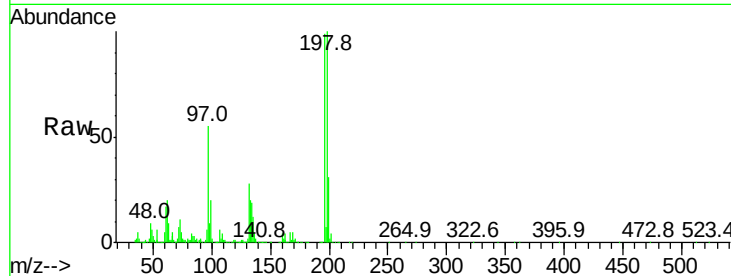
#43
 2,4,5-Trichlorophenol
 Concen: 45.02 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92434BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		472466		
198	101.2	85.7	128.5		
97	56.1	45.5	68.3		
132	28.4	18.9	28.3#		

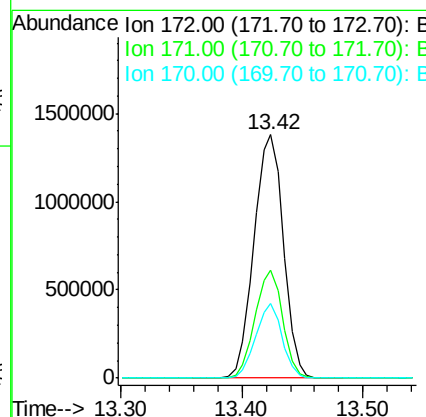
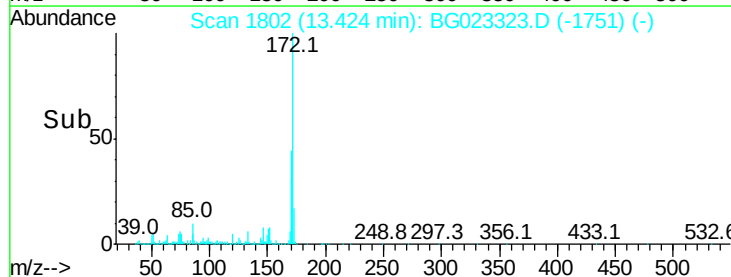
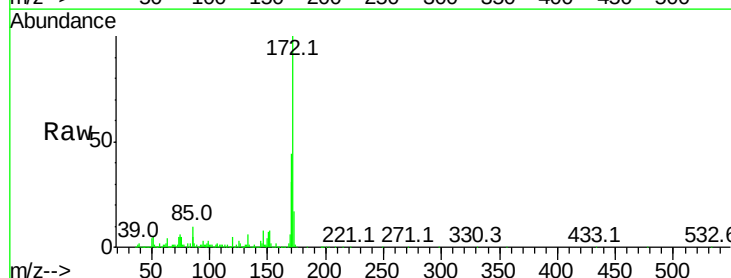
Manual Integrations

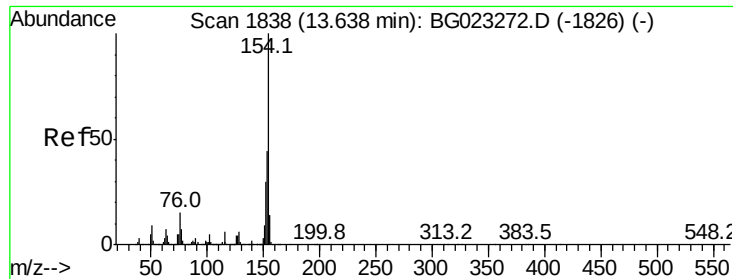
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#44
 2-Fluorobiphenyl
 Concen: 84.07 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2337128		
171	44.1	31.6	47.4		
170	30.7	21.3	31.9		





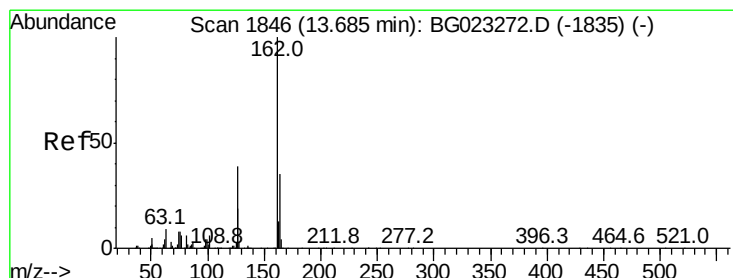
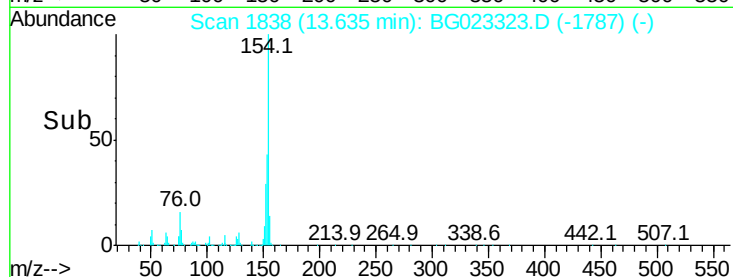
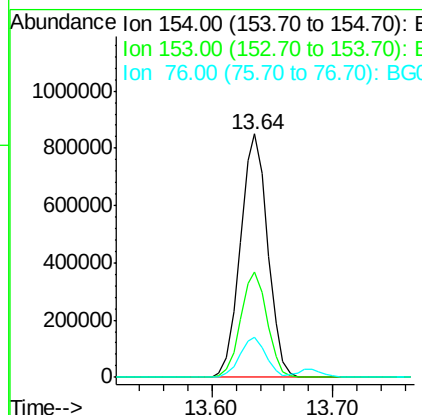
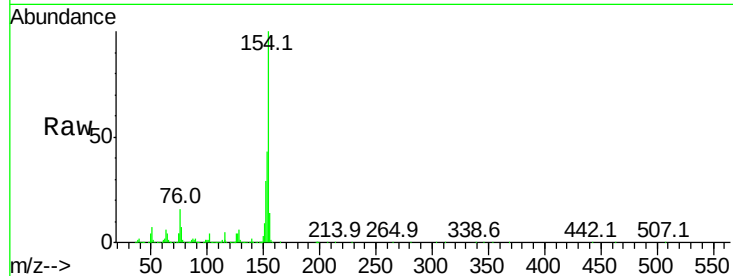
#45
1,1'-Biphenyl
Concen: 36.85 ng
RT: 13.64 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampled :
PB92434BS

Tot Ion:154 Resp: 1337015
Ion Ratio Lower Upper
154 100
153 43.5 20.2 60.2
76 16.5 0.0 32.9

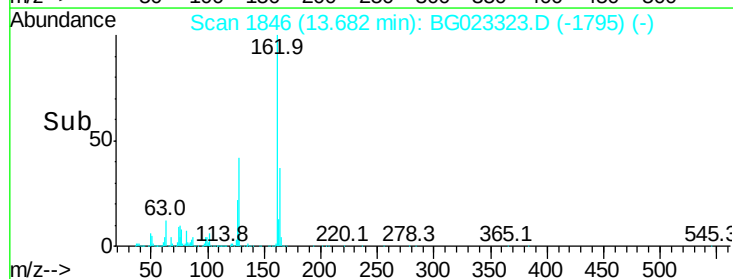
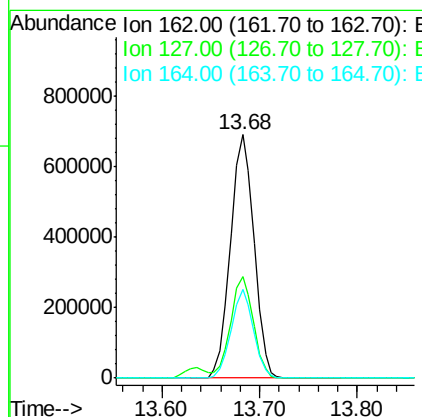
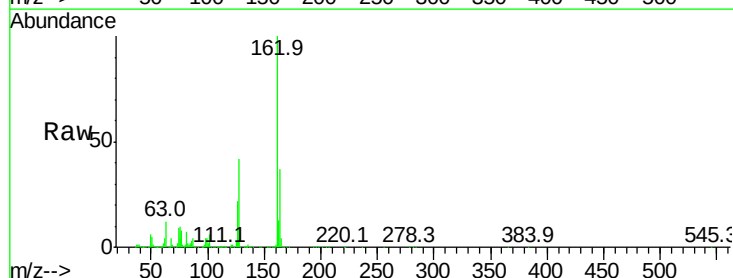
Manual Integrations

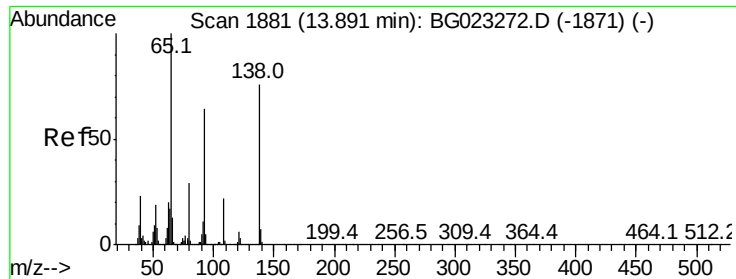
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#46
2-Chloronaphthalene
Concen: 39.63 ng
RT: 13.68 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:162 Resp: 1152363
Ion Ratio Lower Upper
162 100
127 42.0 32.4 48.6
164 36.6 25.2 37.8





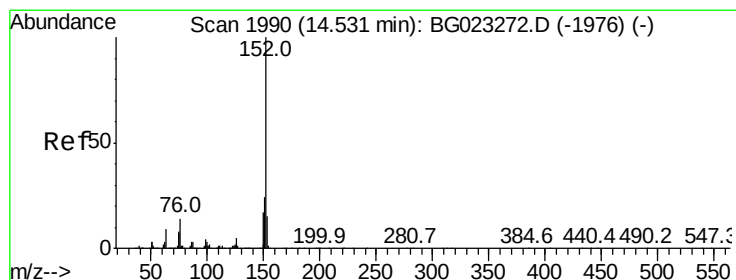
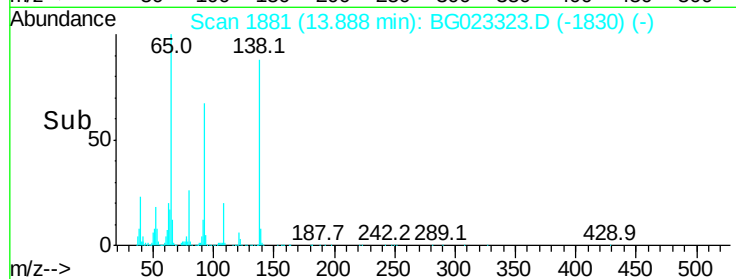
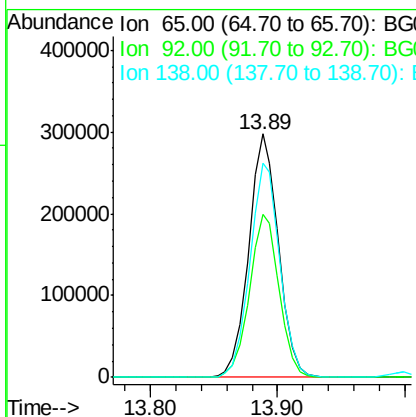
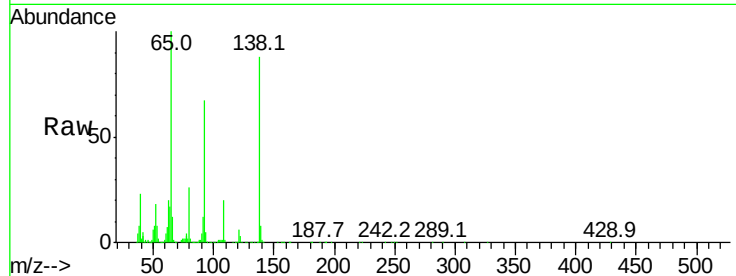
#47
2-Nitroaniline
Concen: 39.30 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.8	49.4	74.0
138	88.2	58.0	87.0#

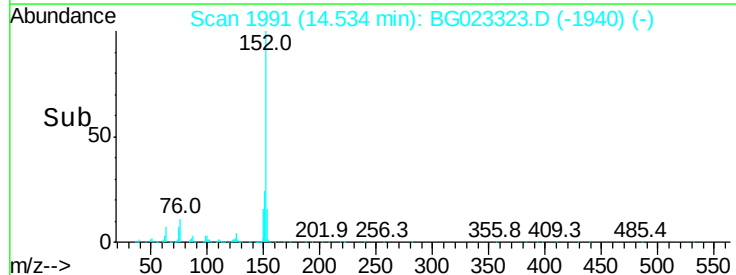
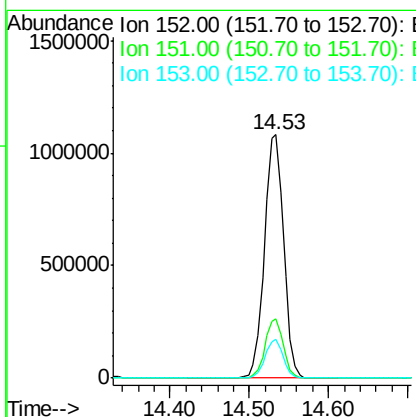
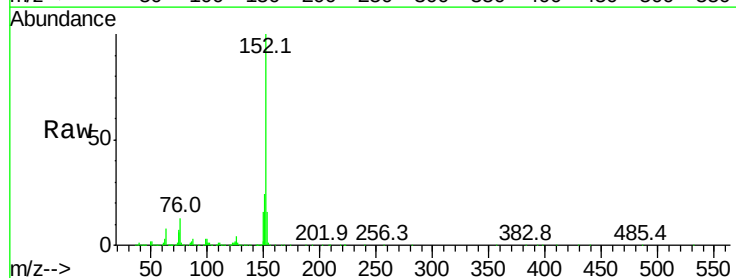
Manual Integrations

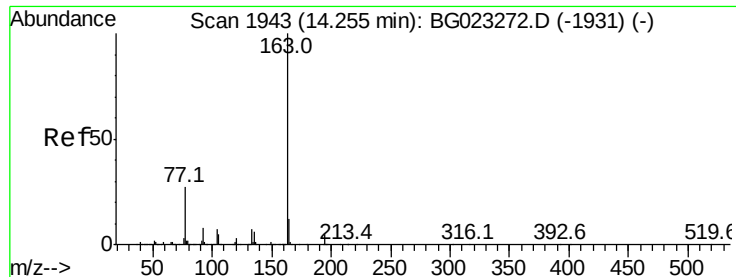
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#48
Acenaphthylene
Concen: 41.07 ng
RT: 14.53 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.6	26.4
153	15.7	11.4	17.2





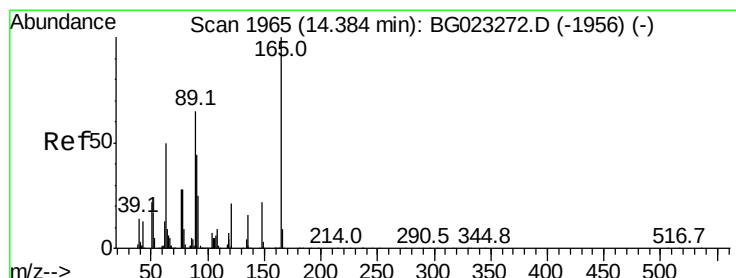
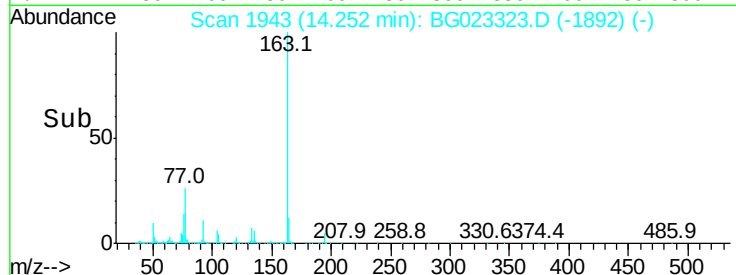
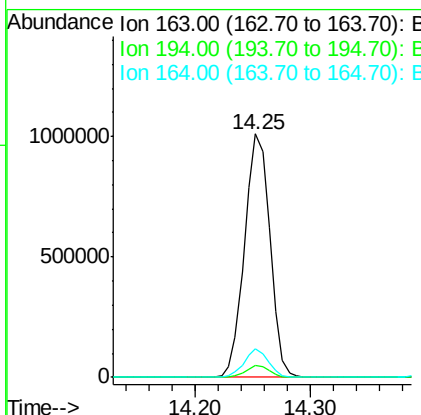
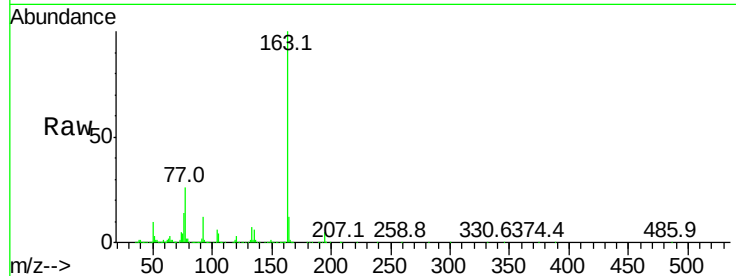
#49
Dimethylphthalate
Concen: 40.37 ng
RT: 14.25 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion:163 Resp: 1549893
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 11.5 8.1 12.1

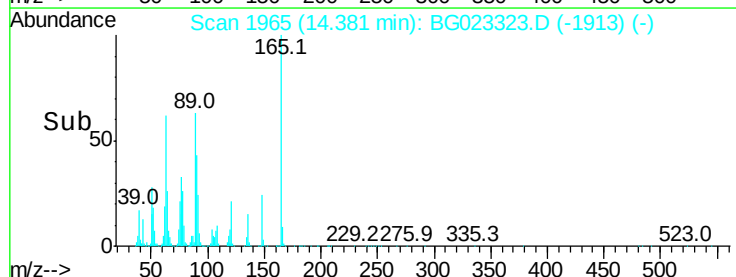
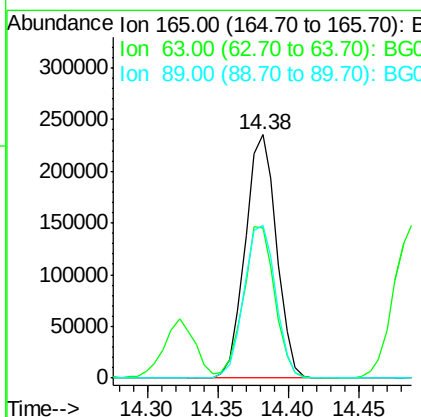
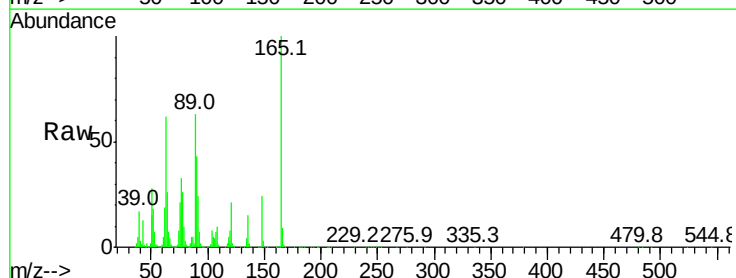
Manual Integrations

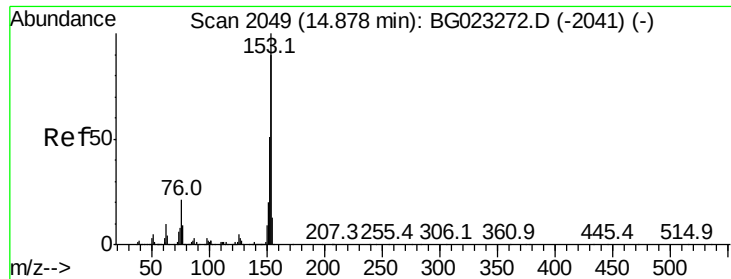
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#50
2,6-Dinitrotoluene
Concen: 40.71 ng
RT: 14.38 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:165 Resp: 366018
Ion Ratio Lower Upper
165 100
63 61.8 64.3 96.5#
89 62.7 64.3 96.5#





#51

Acenaphthene

Concen: 40.96 ng

RT: 14.87 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampled :

PB92434BS

Tot Ion:154 Resp: 1182942

Ion	Ratio	Lower	Upper
154	100		
153	109.0	87.5	131.3
152	54.3	42.7	64.1

154 100

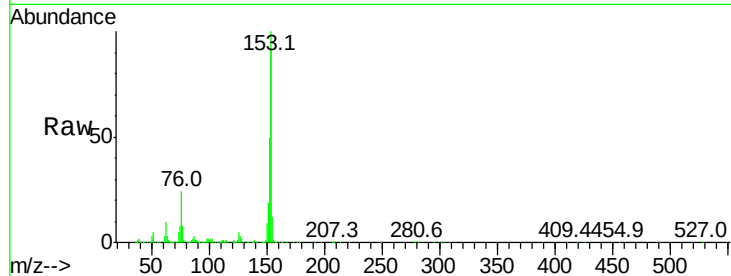
153 109.0 87.5 131.3

152 54.3 42.7 64.1

Manual Integrations

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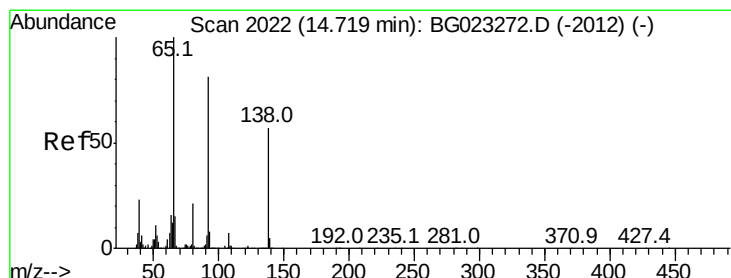
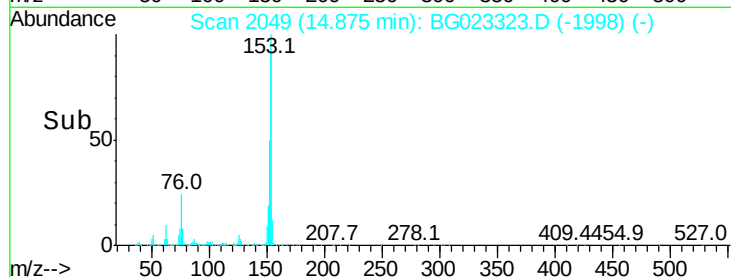
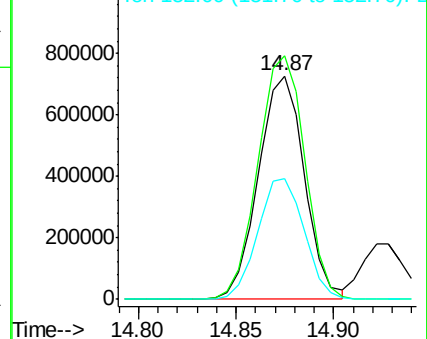


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.06 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

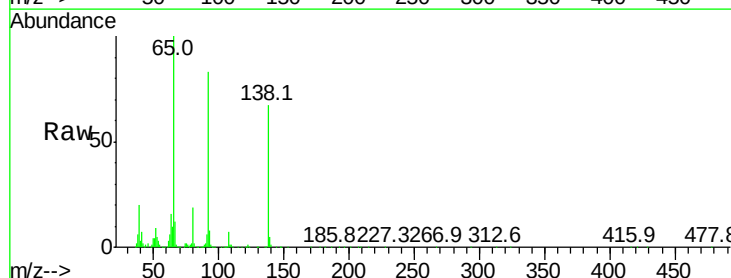
Tgt Ion:138 Resp: 208850

Ion	Ratio	Lower	Upper
138	100		
108	10.8	11.7	17.5#
92	123.7	129.7	194.5#

138 100

108 10.8 11.7 17.5#

92 123.7 129.7 194.5#

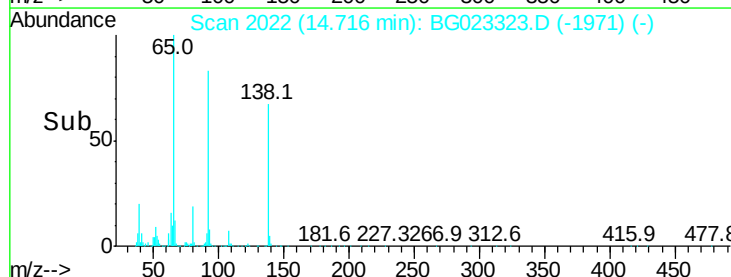
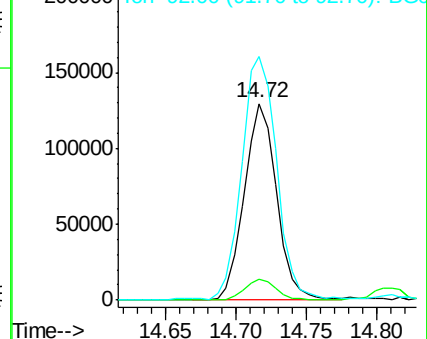


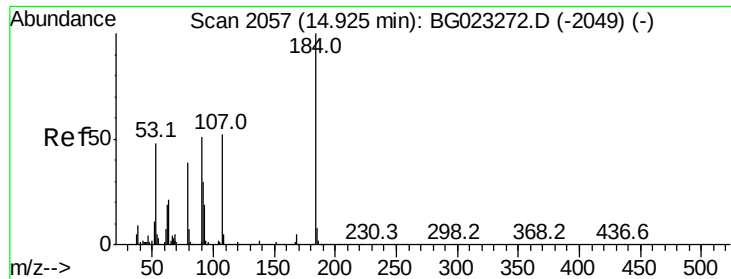
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 86.36 ng

RT: 14.93 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:184 Resp: 454667

Ion Ratio Lower Upper

184 100

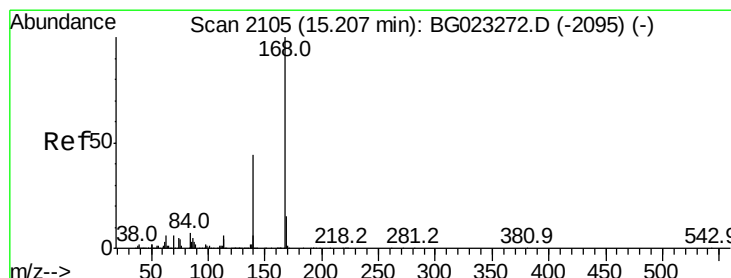
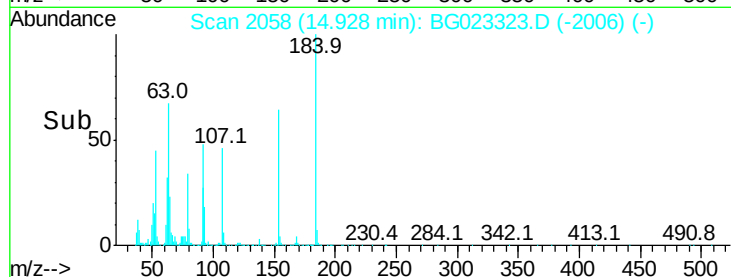
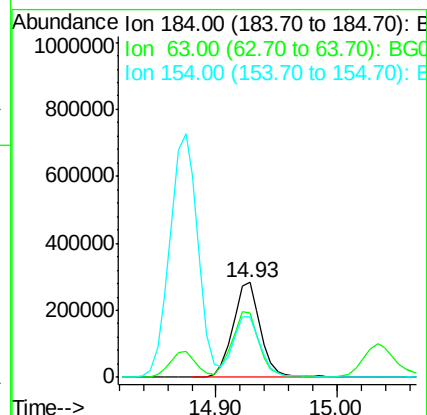
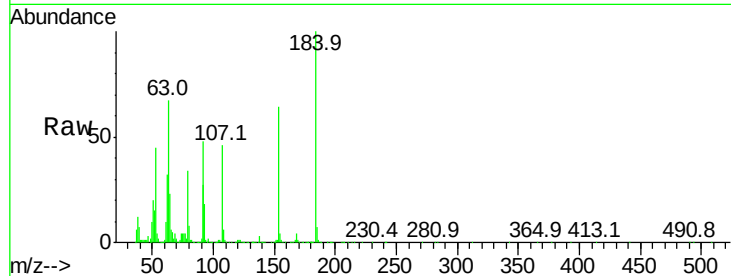
63 67.2 59.6 89.4

154 63.8 67.4 101.0#

Manual Integrations

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#54

Dibenzofuran

Concen: 45.01 ng

RT: 15.21 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

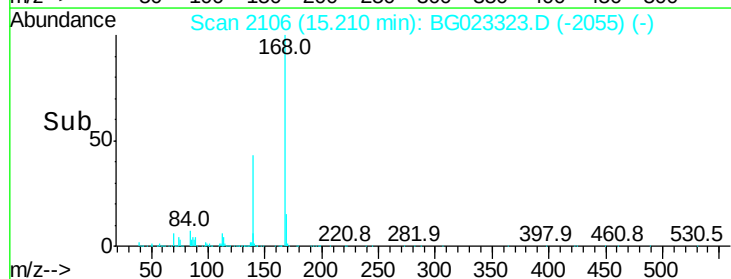
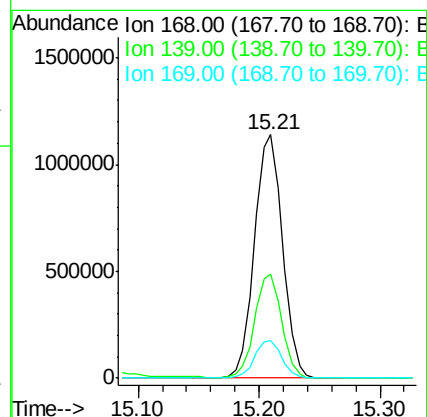
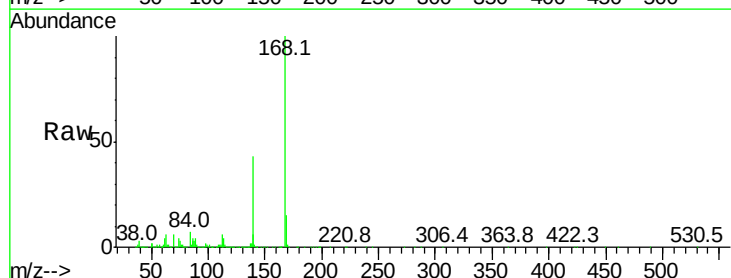
Tgt Ion:168 Resp: 1839073

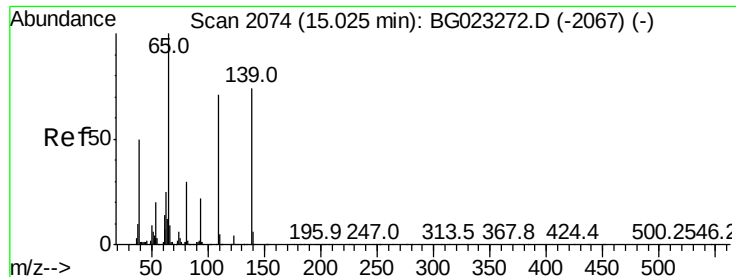
Ion Ratio Lower Upper

168 100

139 42.6 36.4 54.6

169 15.3 11.9 17.9





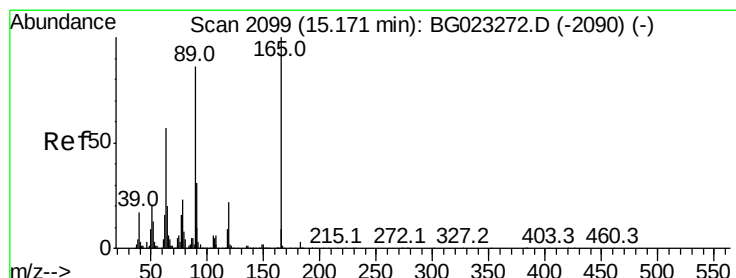
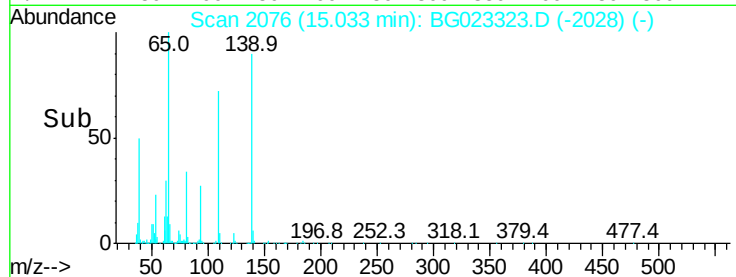
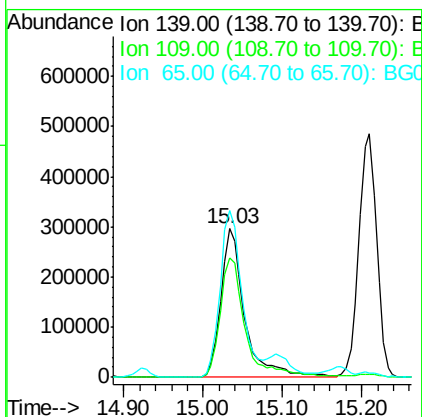
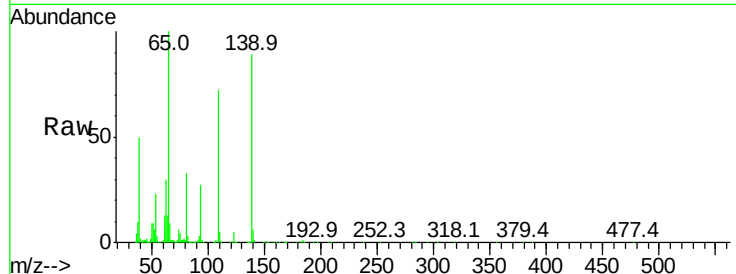
#55
4-Nitrophenol
Concen: 78.74 ng
RT: 15.03 min Scan# 2076
Delta R.T. -0.02 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	80.1	103.0	143.0#
65	111.8	112.7	152.7#

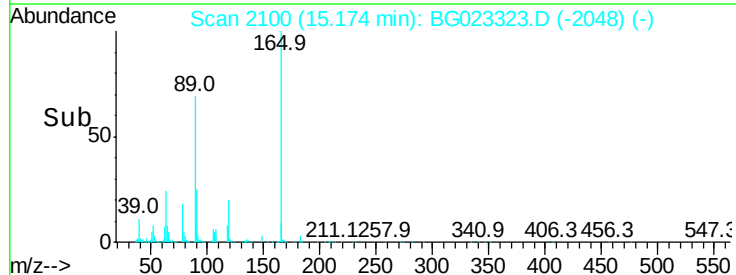
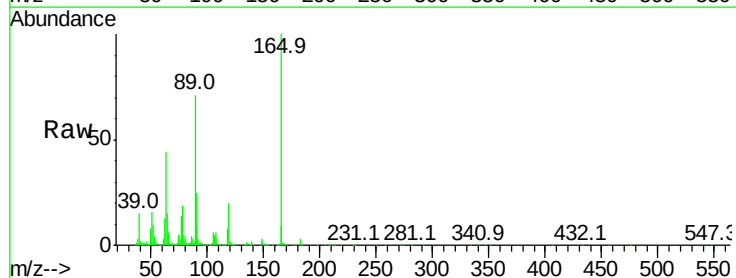
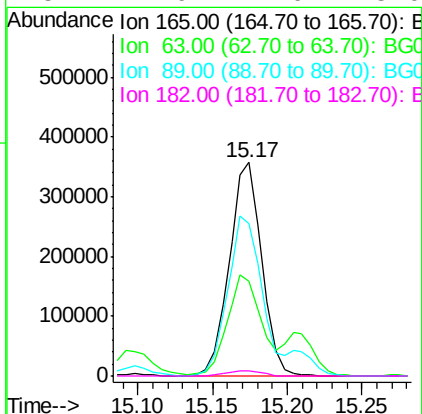
Manual Integrations

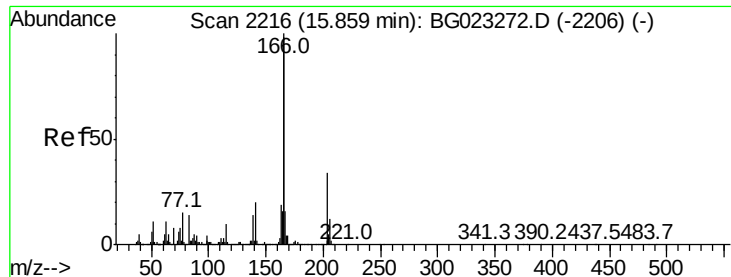
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#56
2,4-Dinitrotoluene
Concen: 42.53 ng
RT: 15.17 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.3	45.8	68.6#
89	71.2	68.6	102.8
182	2.6	2.0	3.0





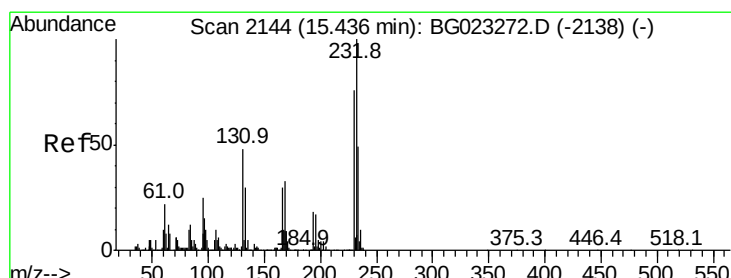
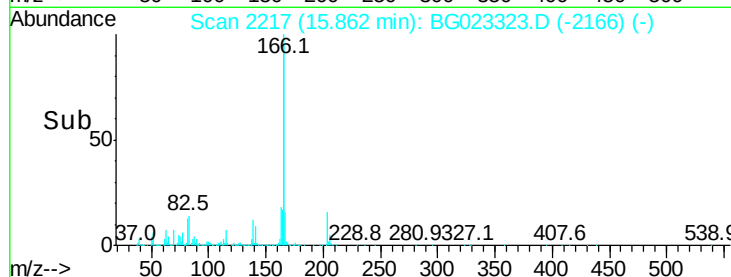
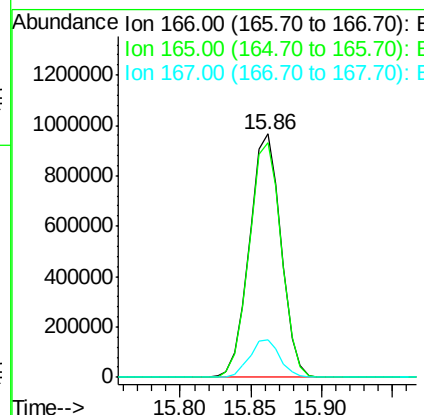
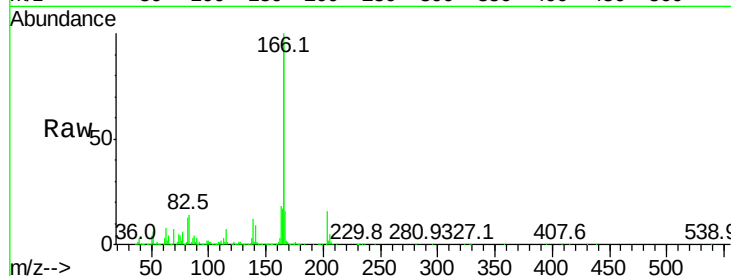
#57
 Fluorene
 Concen: 41.93 ng
 RT: 15.86 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92434BS

Tot Ion	166	Resp	1512940
Ion Ratio	100	Lower	Upper
166	100		
165	96.3	81.0	121.6
167	15.6	12.0	18.0

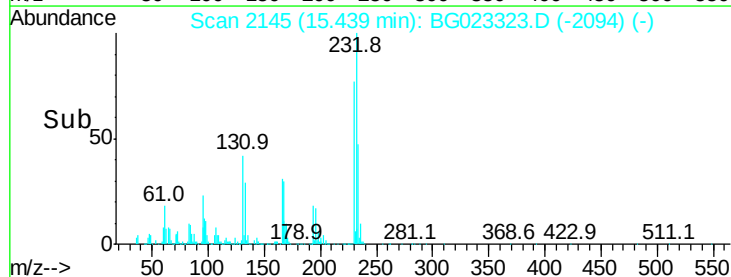
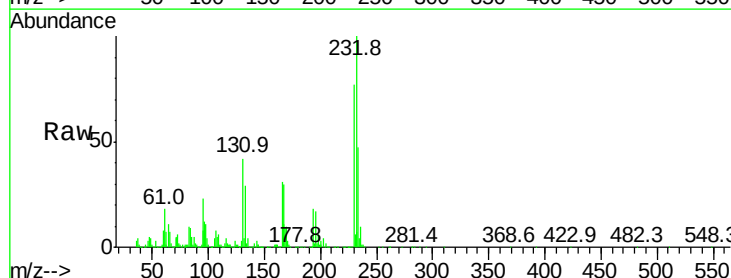
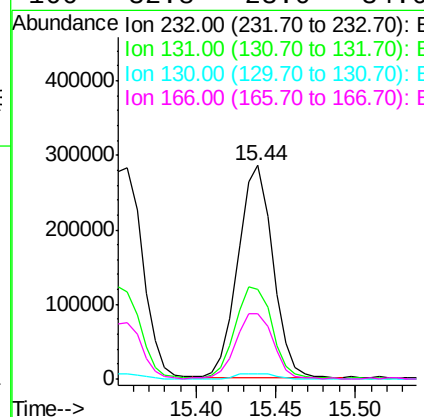
Manual Integrations

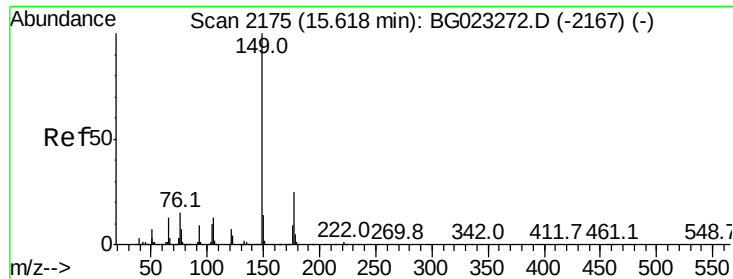
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.19 ng
 RT: 15.44 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Tgt Ion	232	Resp	437049
Ion Ratio	100	Lower	Upper
232	100		
131	46.0	32.7	49.1
130	3.1	2.6	3.8
166	32.8	23.0	34.6





#59

Diethylphthalate

Concen: 40.37 ng

RT: 15.62 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:149 Resp: 1587733

Ion Ratio Lower Upper

149 100

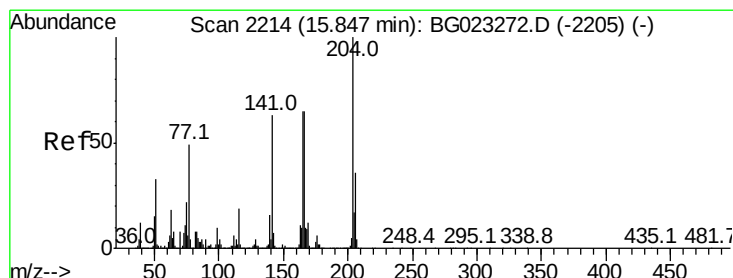
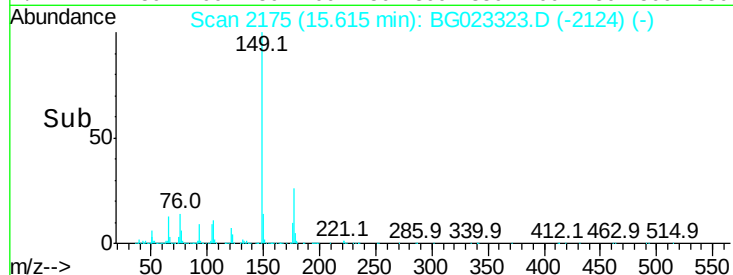
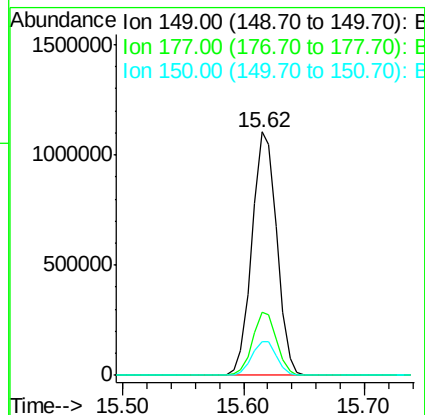
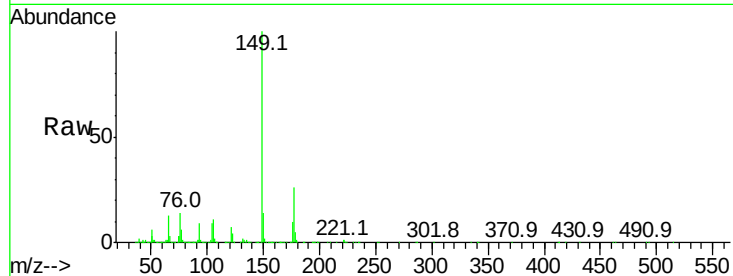
177 26.1 19.2 28.8

150 14.1 10.6 16.0

Manual Integrations

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#60

4-Chlorophenyl-phenylether

Concen: 40.59 ng

RT: 15.84 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

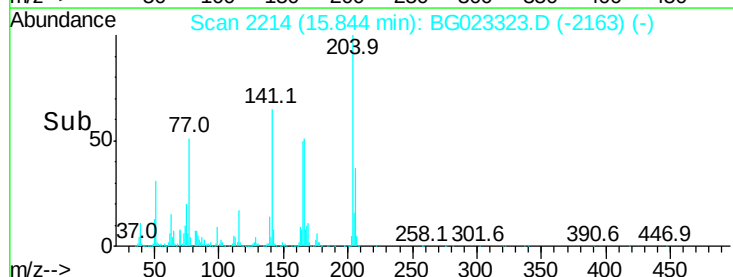
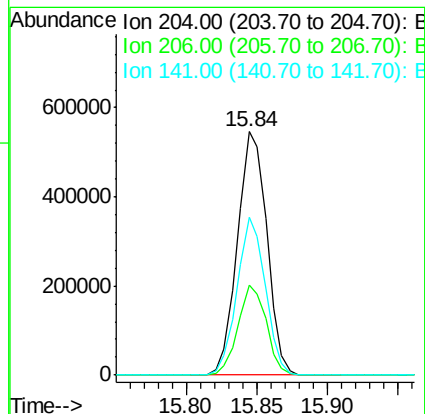
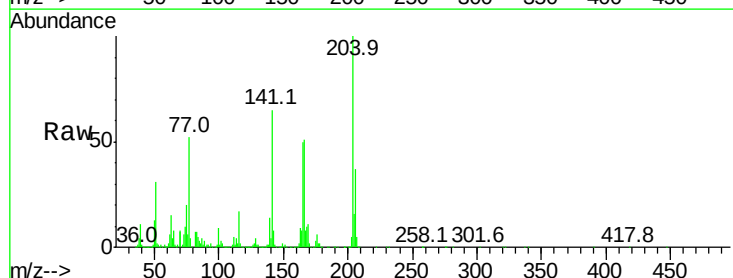
Tgt Ion:204 Resp: 792807

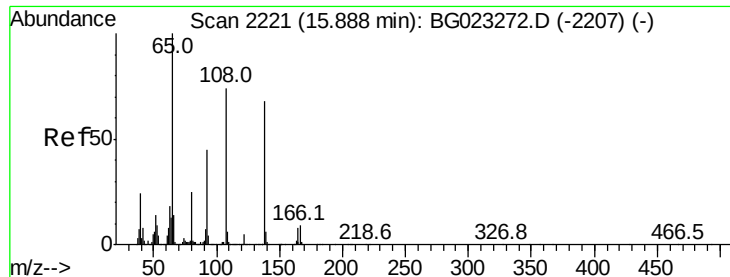
Ion Ratio Lower Upper

204 100

206 36.9 28.5 42.7

141 64.9 51.4 77.0





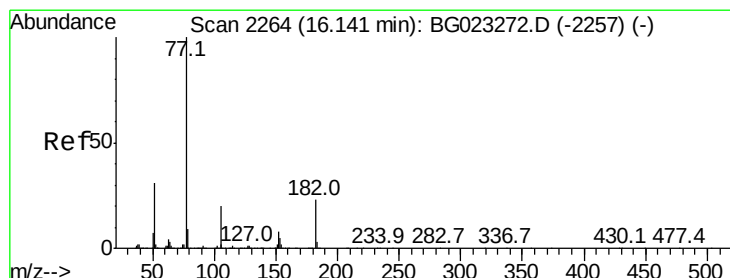
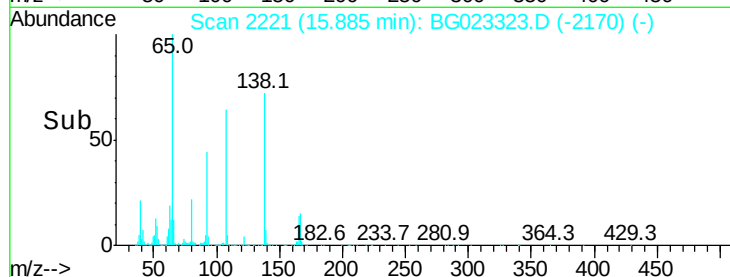
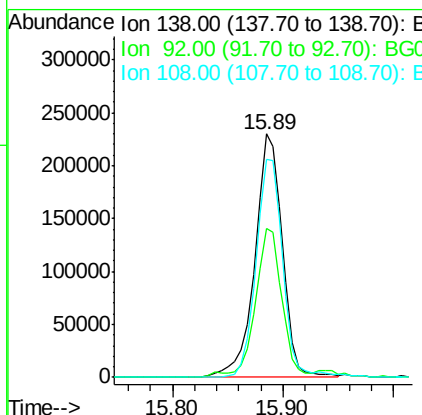
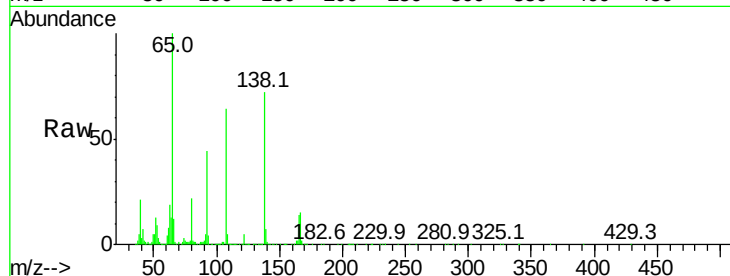
#61
4-Nitroaniline
Concen: 42.39 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.2	54.1	94.1
108	89.7	133.9	173.9#

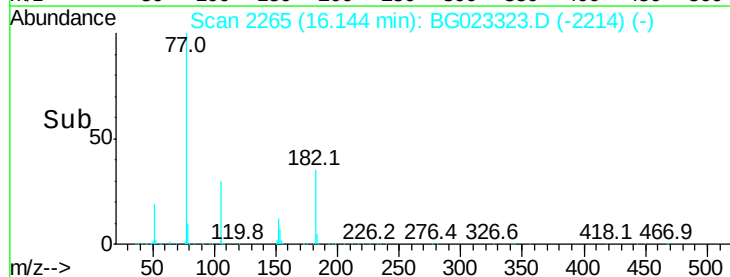
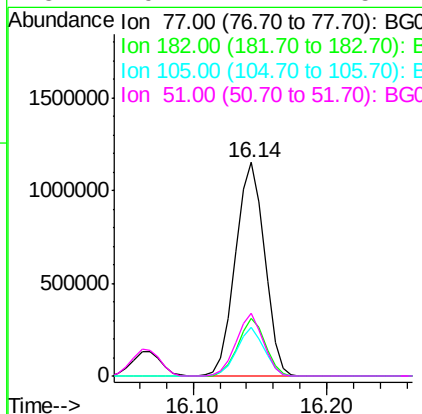
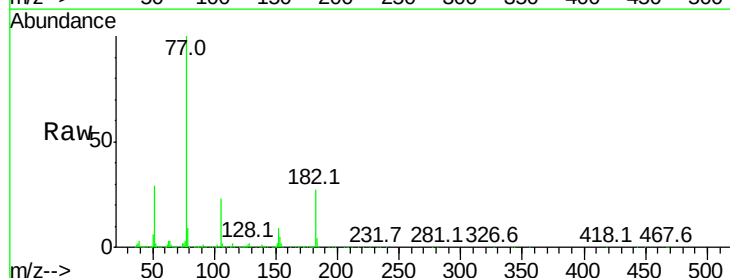
Manual Integrations

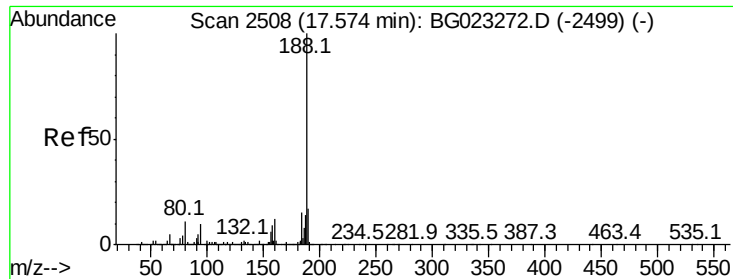
umangi
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#62
Azobenzene
Concen: 42.62 ng
RT: 16.14 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	3.5	43.5
105	22.7	0.0	38.5
51	29.2	17.1	57.1





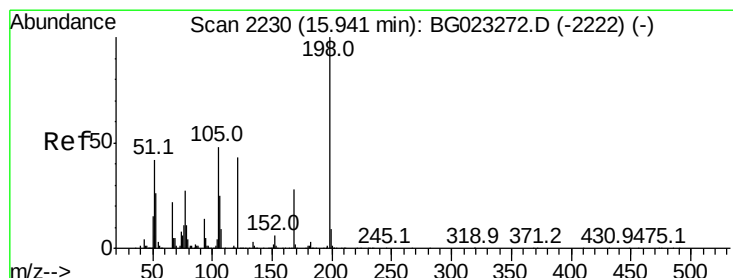
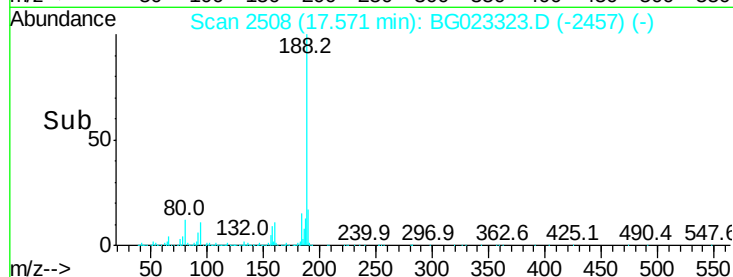
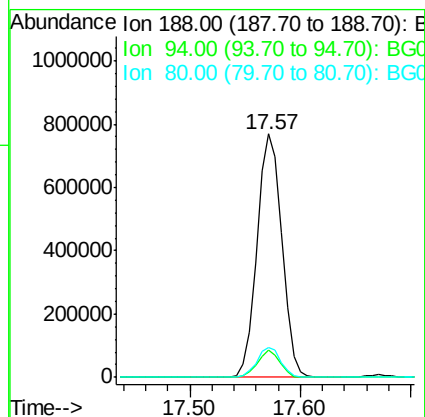
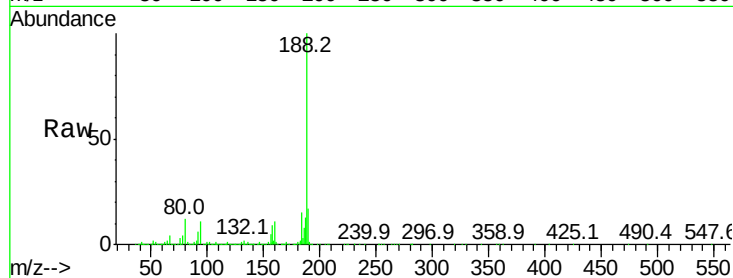
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion:188 Resp: 1214060
Ion Ratio Lower Upper
188 100
94 11.1 5.2 7.8#
80 12.3 7.2 10.8#

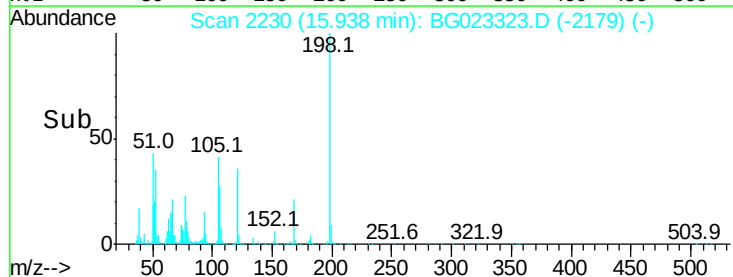
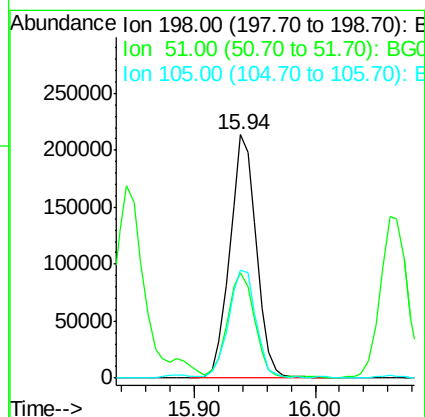
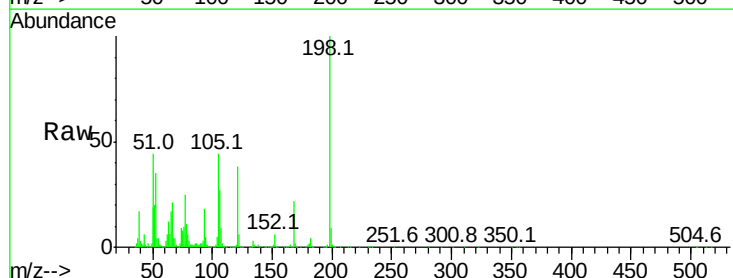
Manual Integrations

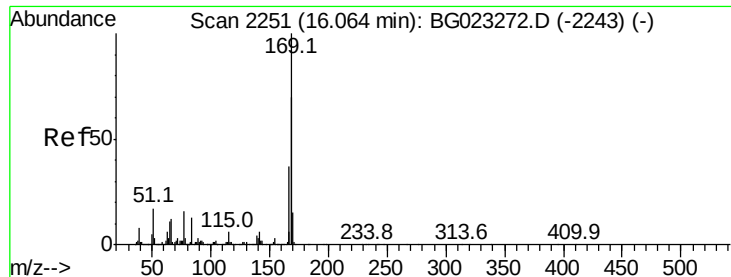
umangi
7/29/2016 6:22:24 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.62 ng
RT: 15.94 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:198 Resp: 324567
Ion Ratio Lower Upper
198 100
51 43.5 26.0 66.0
105 44.3 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 43.39 ng

RT: 16.07 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:169 Resp: 1406506

Ion Ratio Lower Upper

169 100

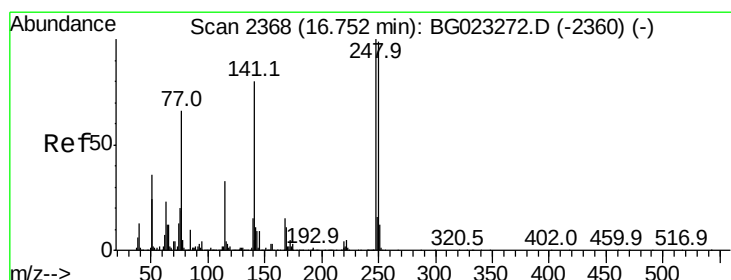
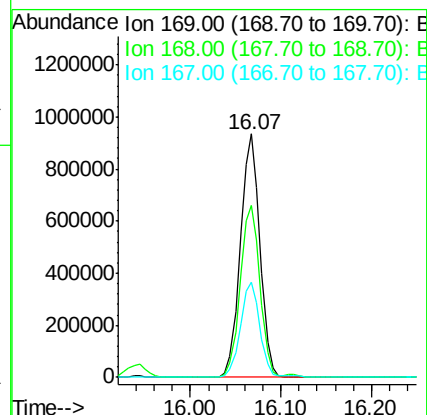
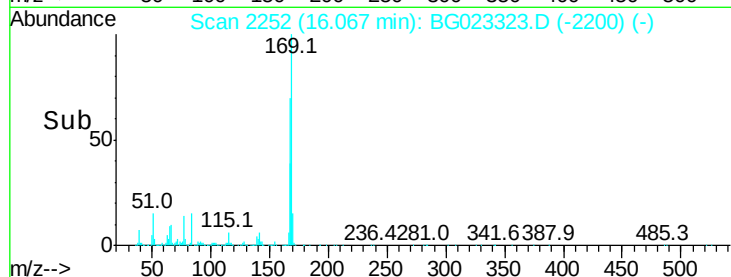
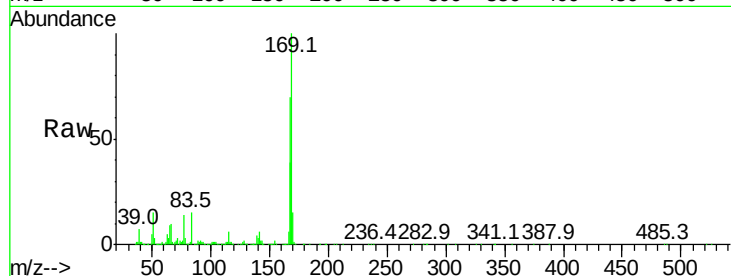
168 70.4 55.0 82.4

167 39.0 27.4 41.0

Manual Integrations

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#66

4-Bromophenyl-phenylether

Concen: 44.02 ng

RT: 16.75 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

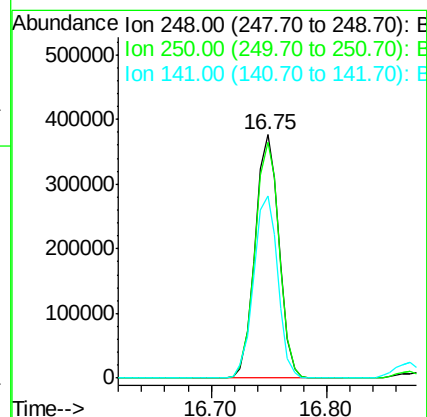
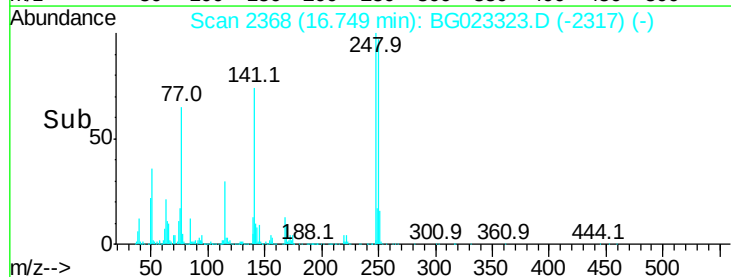
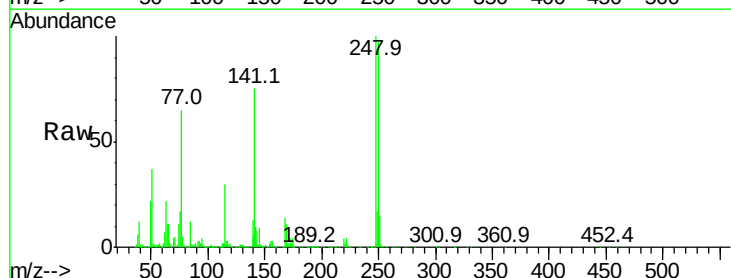
Tgt Ion:248 Resp: 540426

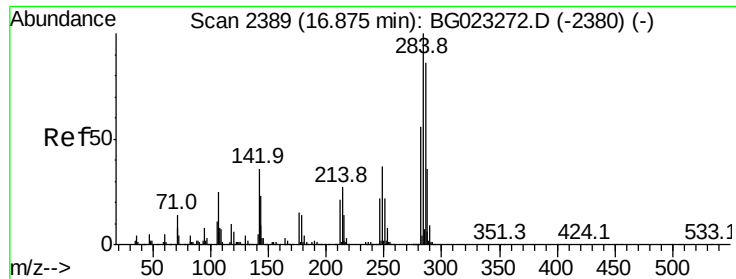
Ion Ratio Lower Upper

248 100

250 97.1 77.8 116.8

141 74.9 65.7 98.5





#67

Hexachlorobenzene

Concen: 45.49 ng

RT: 16.87 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

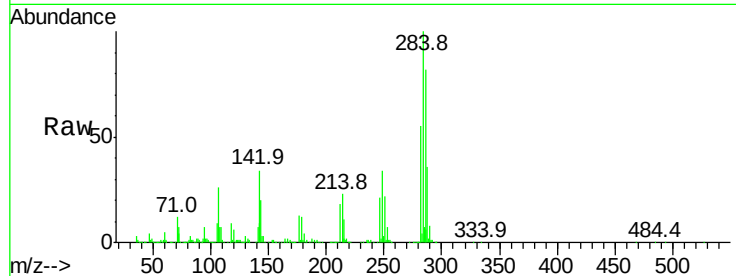
PB92434BS

Tot Ion:	284	Resp:	561432
Ion Ratio	Lower	Upper	
284	100		
142	33.9	26.8	40.2
249	33.6	28.9	43.3

Manual Integrations

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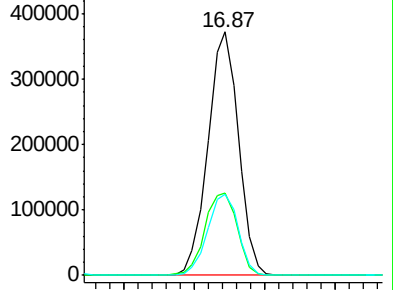
7/29/2016 6:22:24 PM



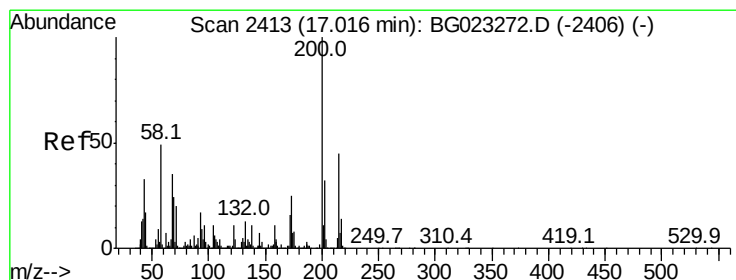
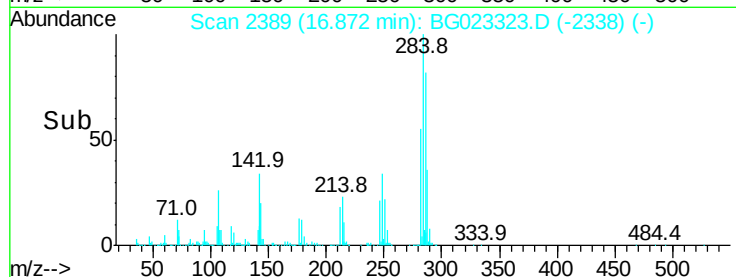
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 41.73 ng

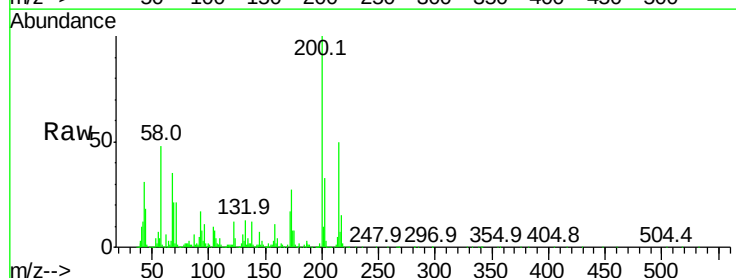
RT: 17.02 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

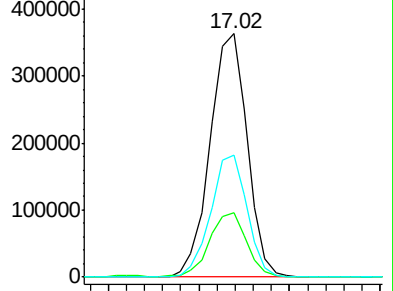
Tgt Ion:	200	Resp:	518883
Ion Ratio	Lower	Upper	
200	100		
173	26.6	1.6	41.6
215	50.1	28.7	68.7



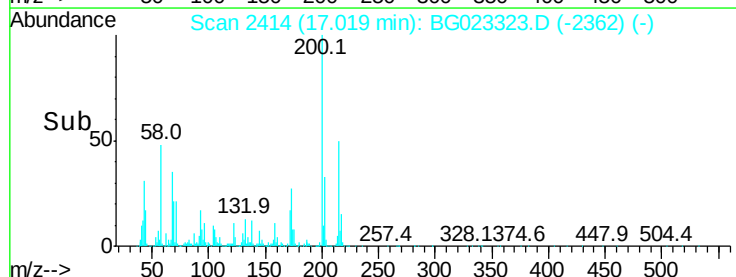
Abundance Ion 200.00 (199.70 to 200.70): E

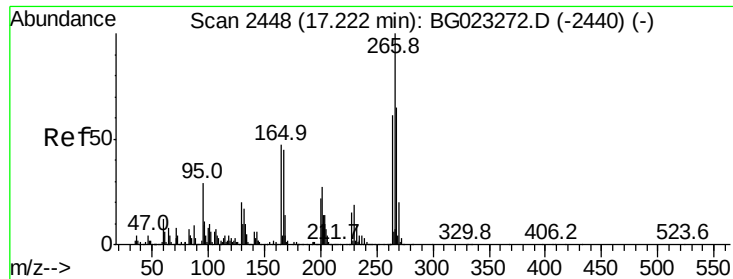
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->





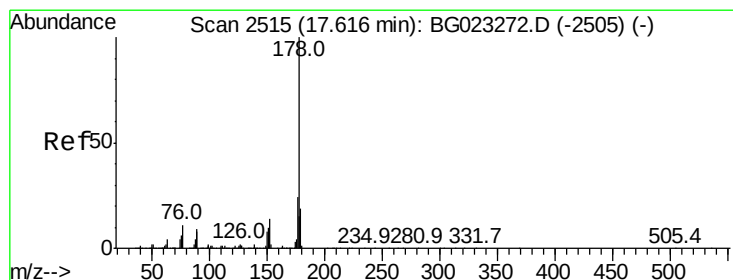
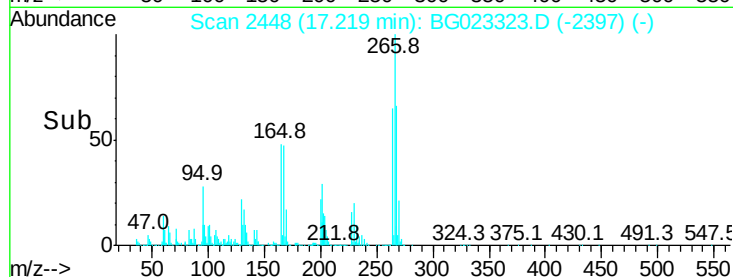
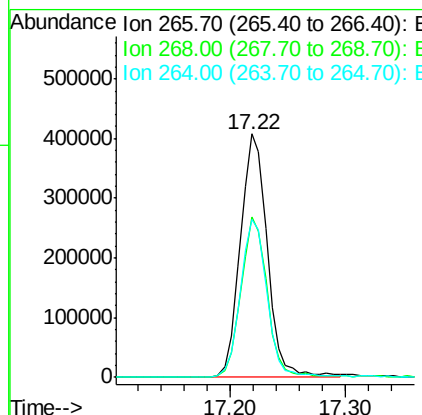
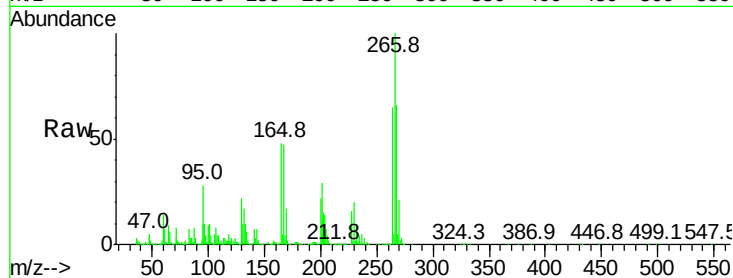
#69
 Pentachlorophenol
 Concen: 86.58 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Instrument :
 BNA_G
 ClientSampleID :
 PB92434BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.9	77.9
264	64.8	50.6	75.8

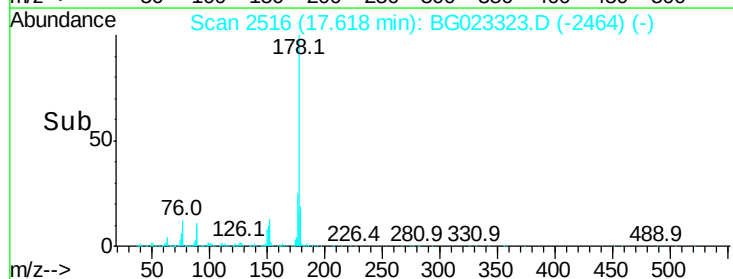
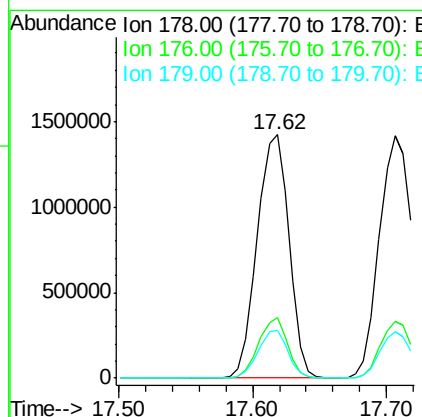
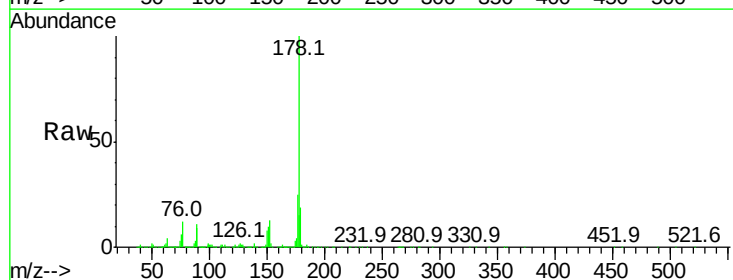
Manual Integrations

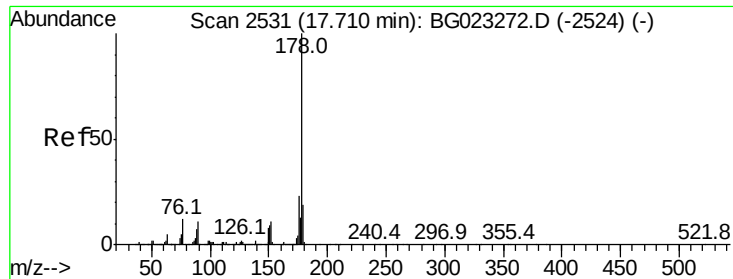
umangi
 7/29/2016 6:22:24 PM



#70
 Phenanthrene
 Concen: 44.12 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.01 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.9	16.8	25.2
179	19.4	14.3	21.5





#71

Anthracene

Concen: 44.76 ng

RT: 17.71 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:178 Resp: 2401420

Ion Ratio Lower Upper

178 100

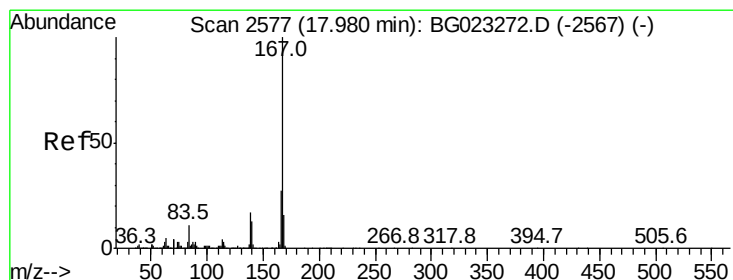
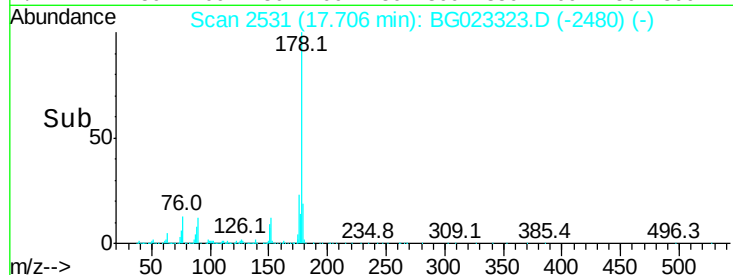
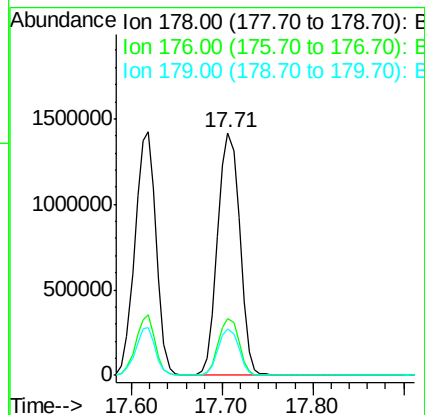
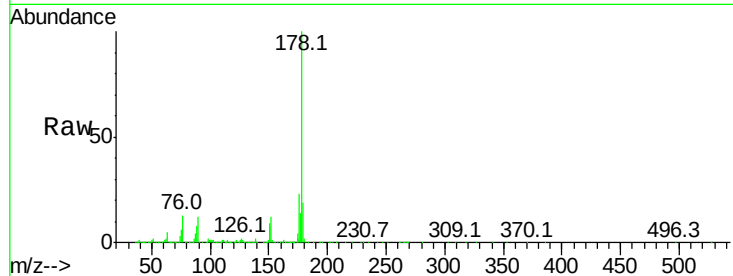
176 23.3 17.3 25.9

179 19.2 14.0 21.0

Manual Integrations

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#72

Carbazole

Concen: 45.11 ng

RT: 17.98 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

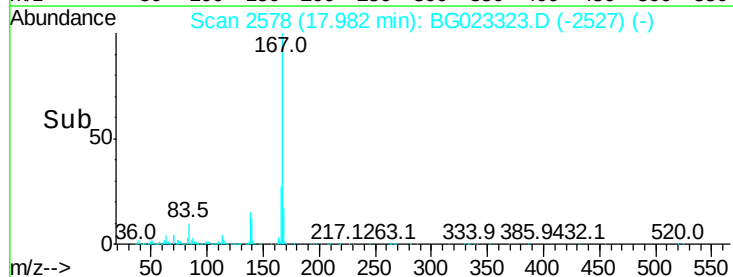
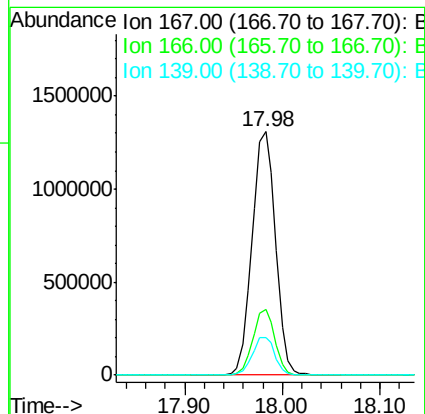
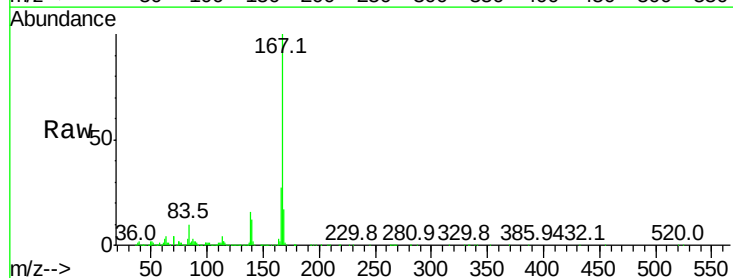
Tgt Ion:167 Resp: 2216786

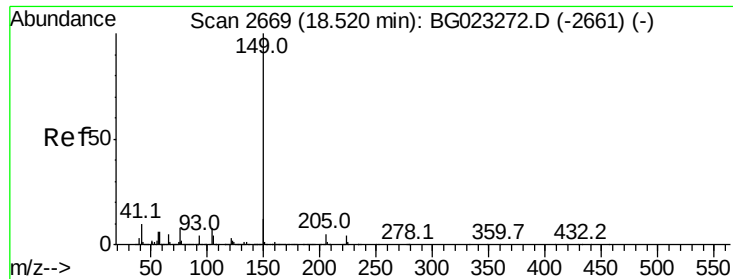
Ion Ratio Lower Upper

167 100

166 27.0 20.7 31.1

139 15.5 11.9 17.9





#73

Di-n-butylphthalate

Concen: 44.49 ng

RT: 18.52 min Scan# 2670

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:149 Resp: 2439565

Ion Ratio Lower Upper

149 100

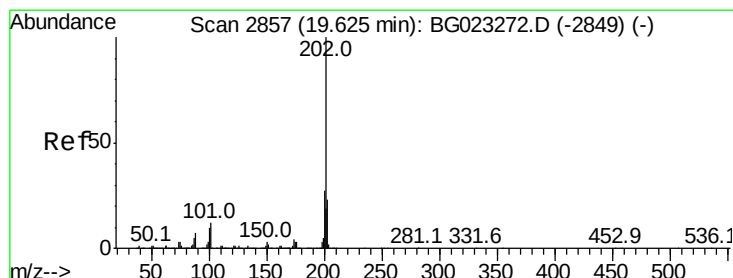
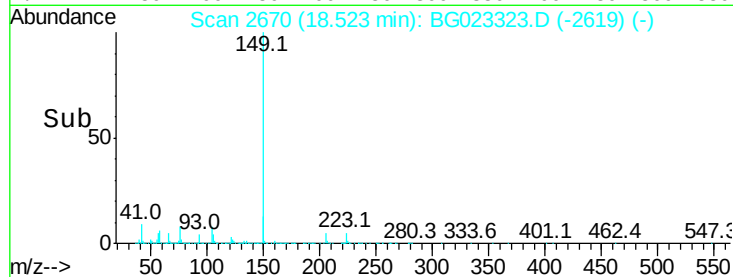
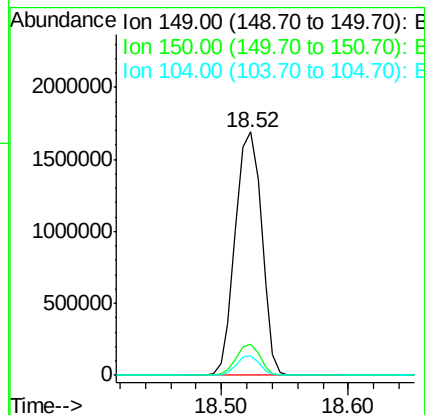
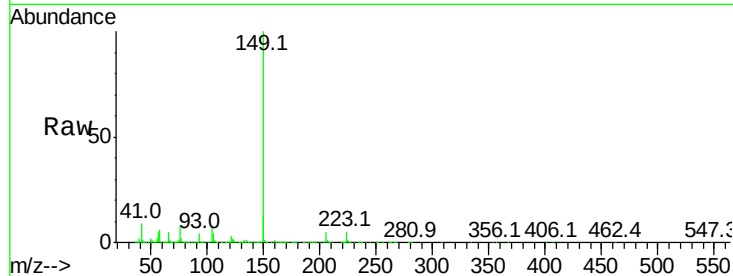
150 12.8 9.1 13.7

104 8.3 6.9 10.3

Manual Integrations

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#74

Fluoranthene

Concen: 42.51 ng

RT: 19.63 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

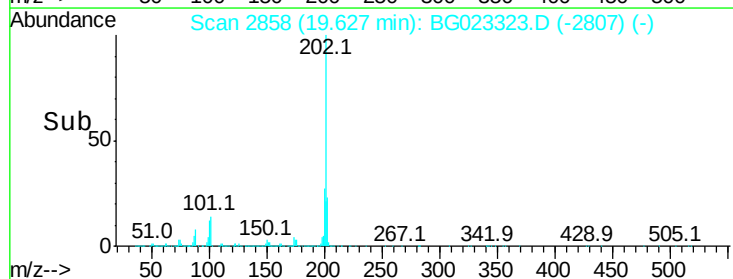
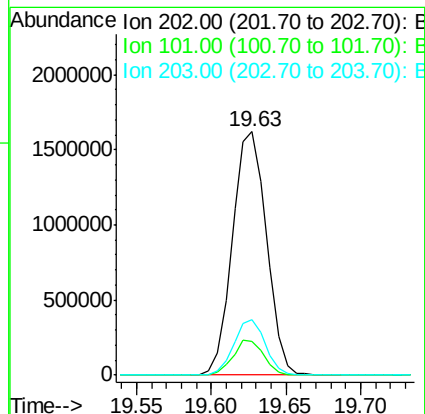
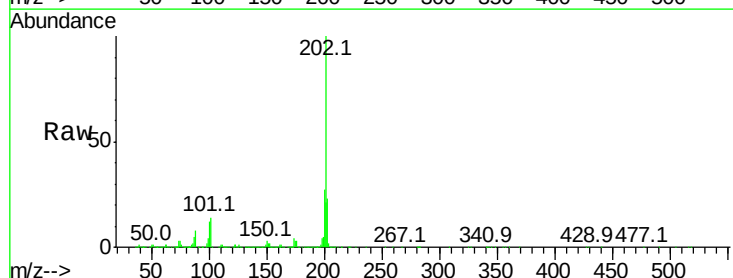
Tgt Ion:202 Resp: 2575954

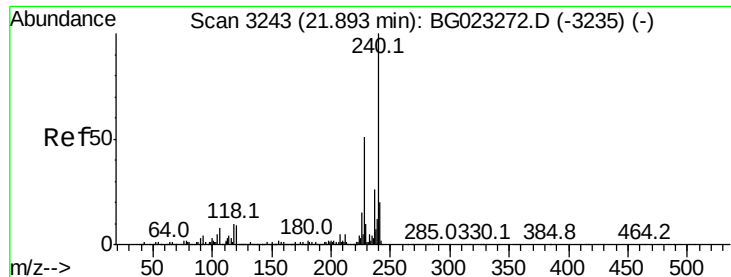
Ion Ratio Lower Upper

202 100

101 14.0 0.0 27.4

203 22.9 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:240 Resp: 1218921

Ion Ratio Lower Upper

240 100

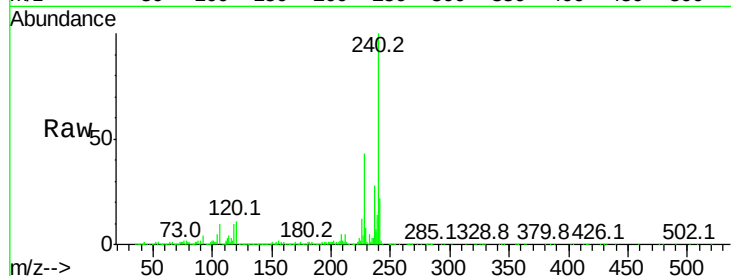
120 10.7 4.1 6.1#

236 27.7 21.1 31.7

Manual Integrations

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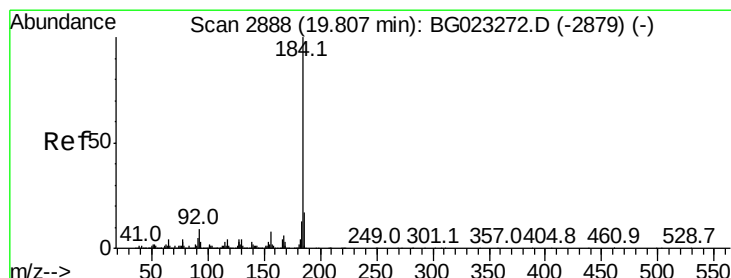
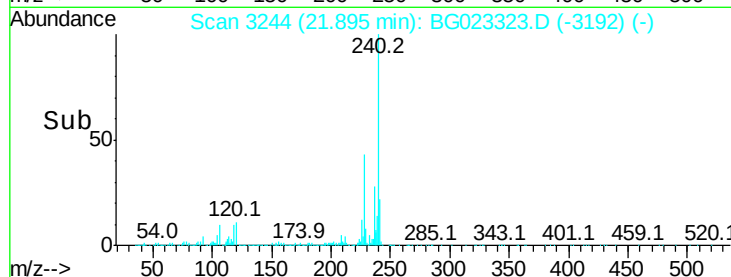
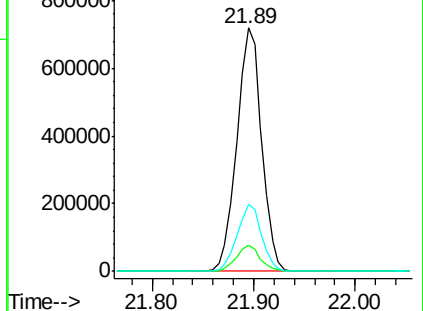
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.13 ng

RT: 19.81 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

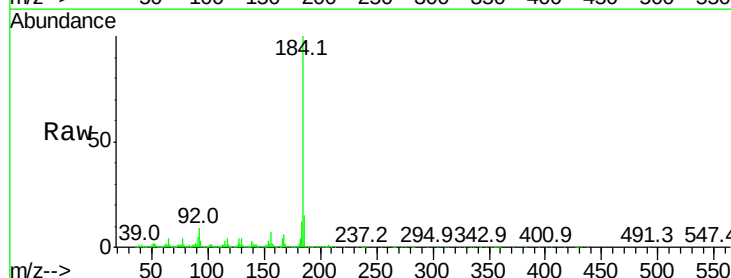
Tgt Ion:184 Resp: 1375620

Ion Ratio Lower Upper

184 100

185 15.3 12.6 19.0

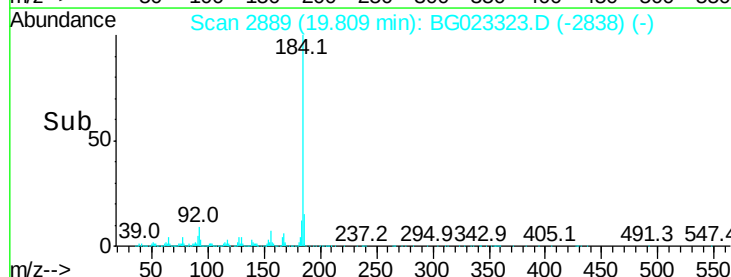
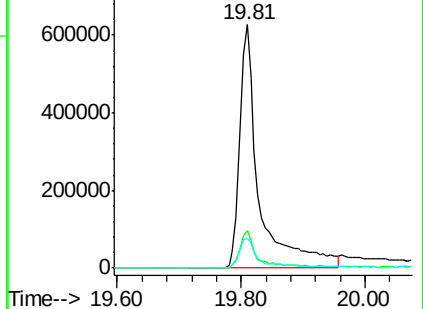
183 12.4 10.7 16.1

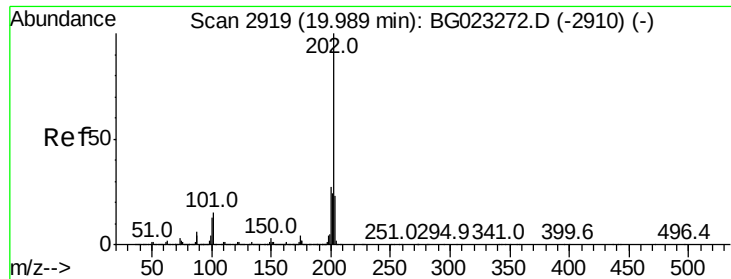


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.02 ng

RT: 19.99 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:202 Resp: 2560836

Ion Ratio Lower Upper

202 100

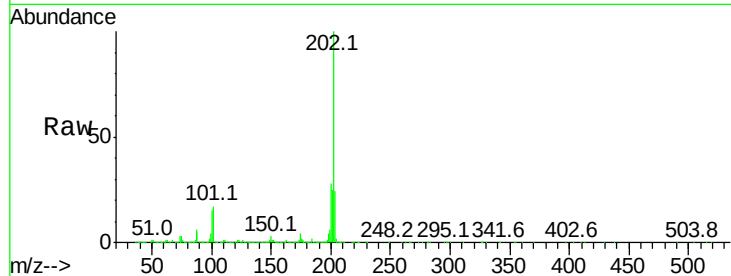
200 28.2 21.2 31.8

203 23.7 16.8 25.2

Manual Integrations

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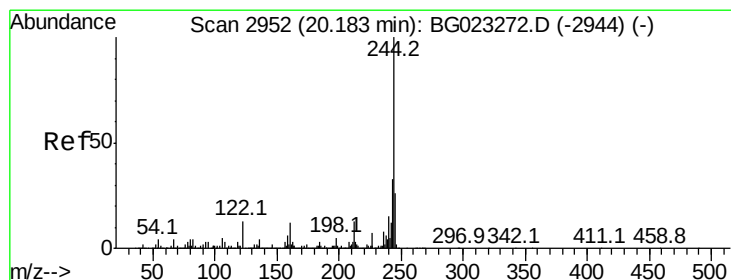
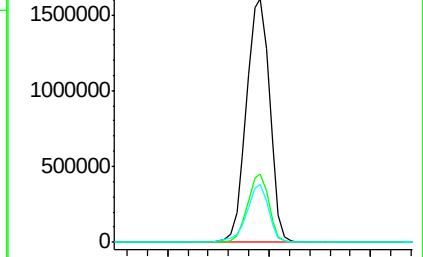
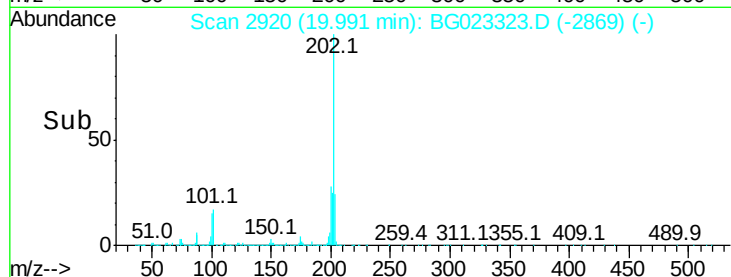
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.66 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

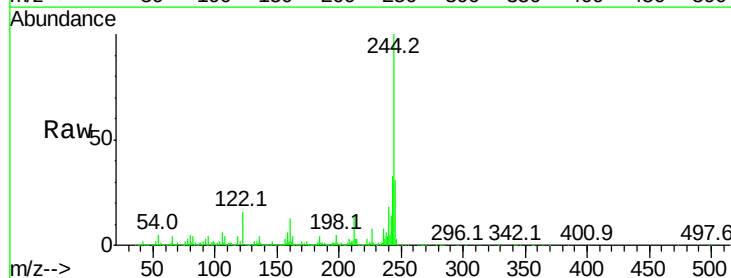
Tgt Ion:244 Resp: 3024479

Ion Ratio Lower Upper

244 100

212 13.7 10.8 16.2

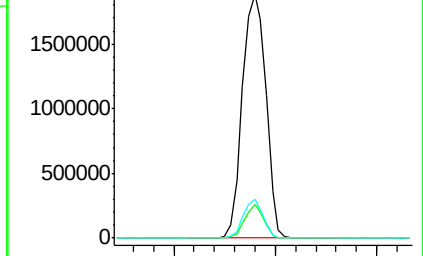
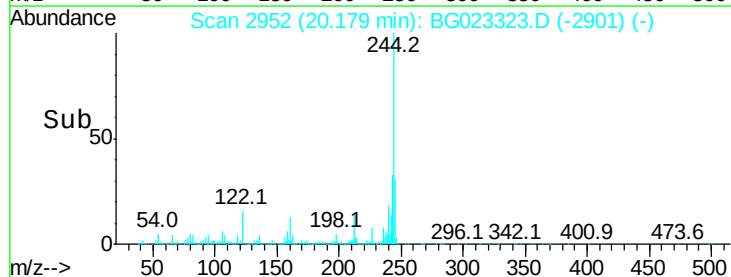
122 15.8 8.0 12.0#

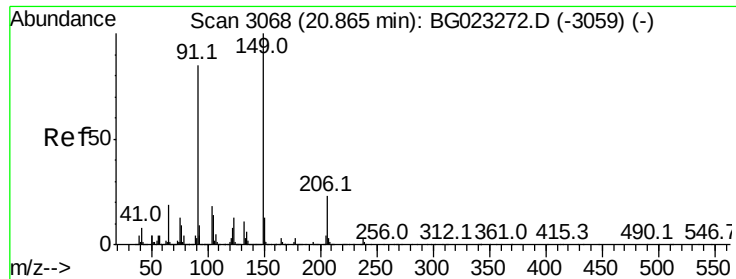


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.77 ng

RT: 20.87 min Scan# 3069

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:149 Resp: 1240690

Ion Ratio Lower Upper

149 100

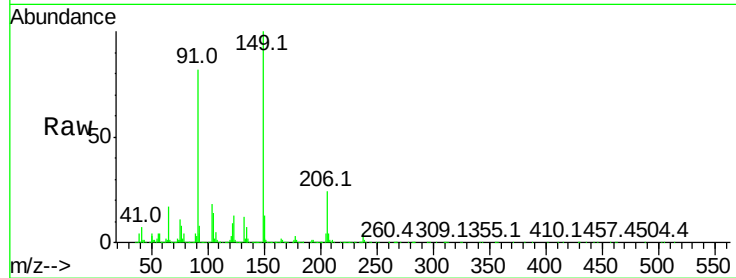
91 81.6 68.1 102.1

206 24.0 19.8 29.6

Manual Integrations

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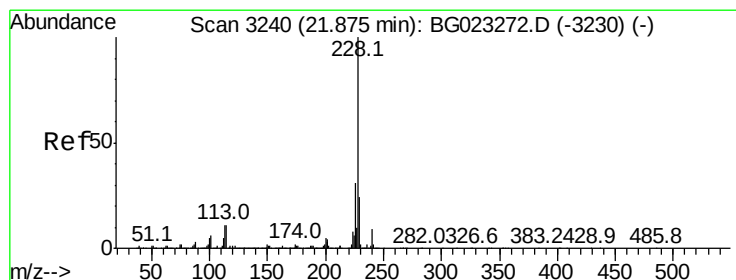
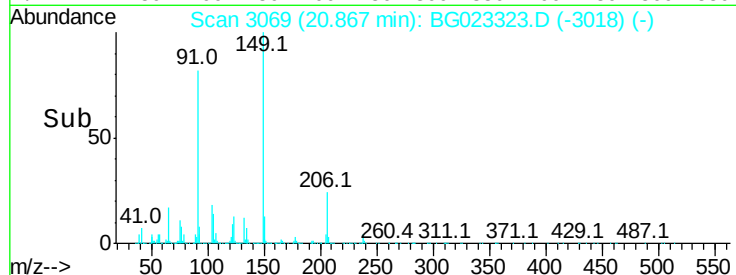
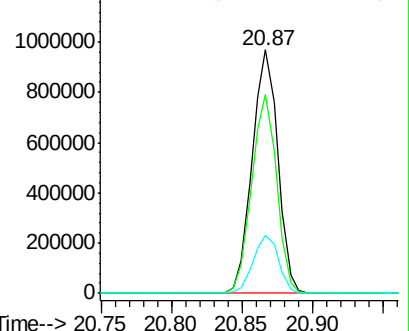
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.40 ng

RT: 21.87 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

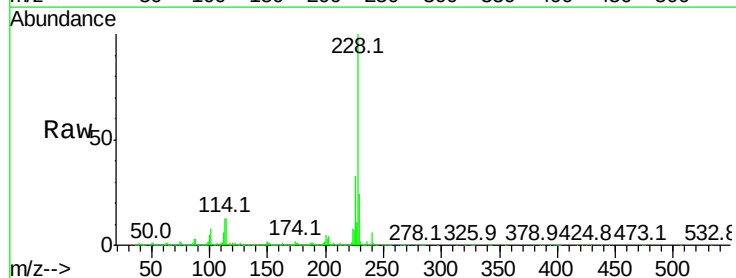
Tgt Ion:228 Resp: 2577931

Ion Ratio Lower Upper

228 100

226 32.8 25.3 37.9

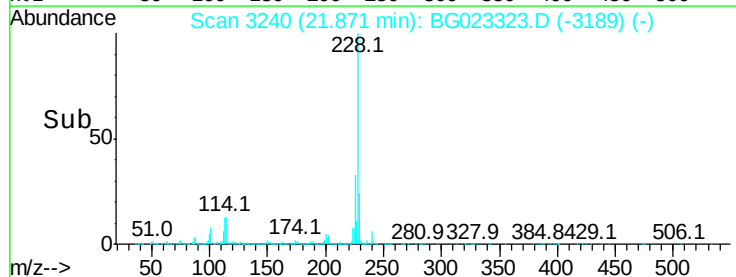
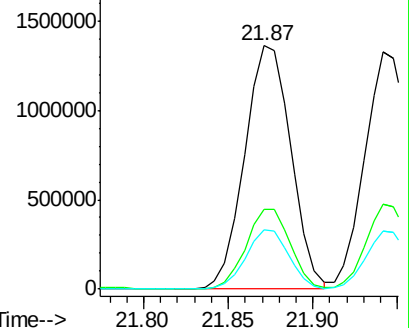
229 24.4 19.9 29.9

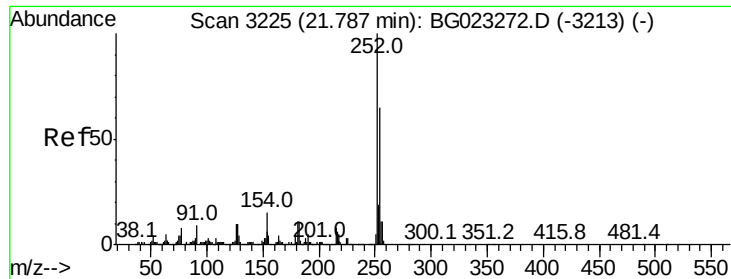


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





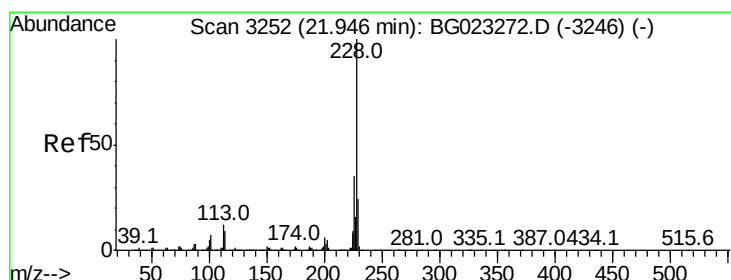
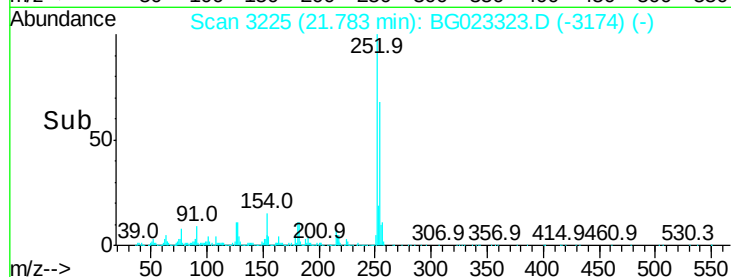
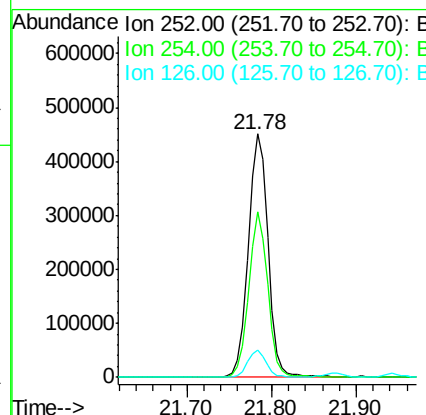
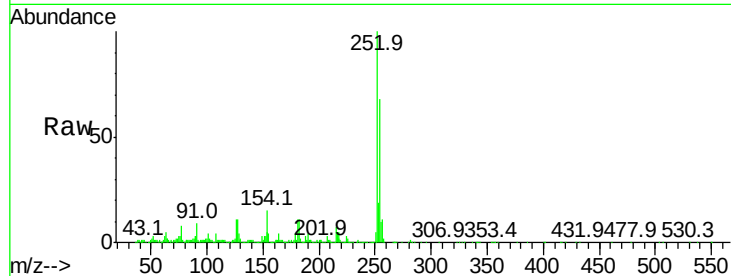
#81
 3,3'-Dichlorobenzidine
 Concen: 28.14 ng
 RT: 21.78 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92434BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	68.2	51.2	76.8
126	11.3	5.3	7.9

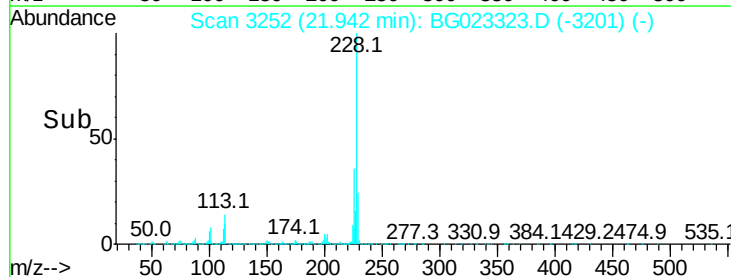
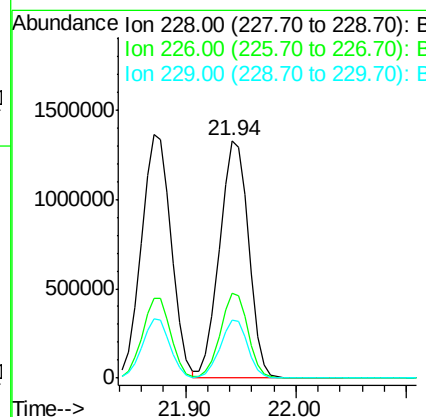
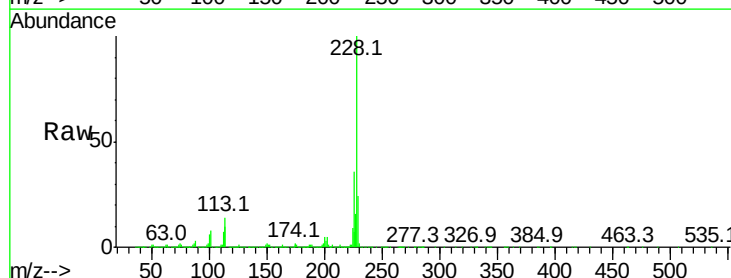
Manual Integrations

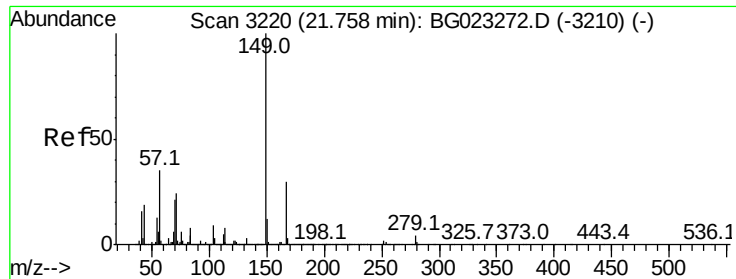
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#82
 Chrysene
 Concen: 39.39 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	26.7	40.1
229	24.5	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.80 ng

RT: 21.75 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

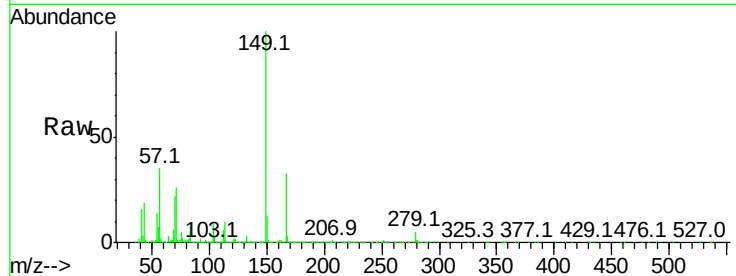
Tot Ion:149 Resp: 1694951

Ion	Ratio	Lower	Upper
149	100		
167	32.9	24.0	36.0
279	5.3	4.8	7.2

Manual Integrations

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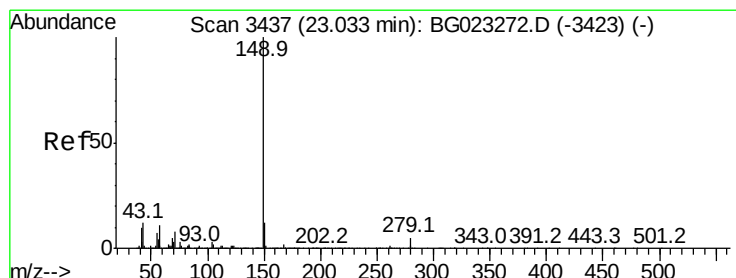
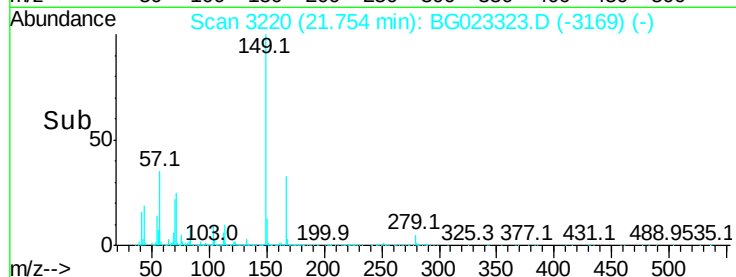
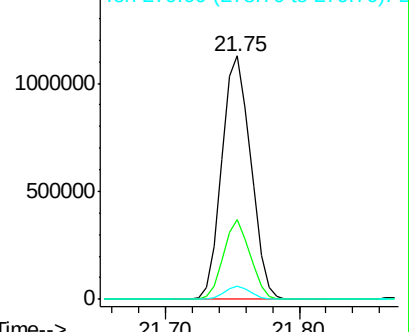


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.55 ng

RT: 23.03 min Scan# 3437

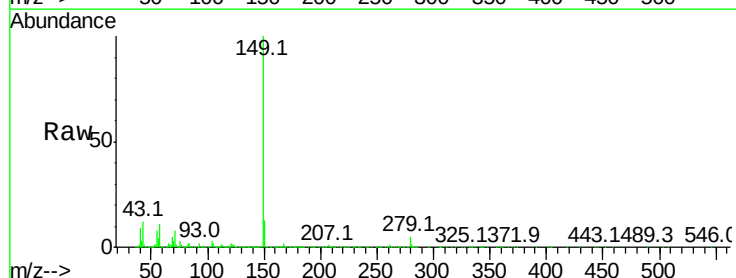
Delta R.T. -0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Tgt Ion:149 Resp: 2824214

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	11.1	8.8	13.2

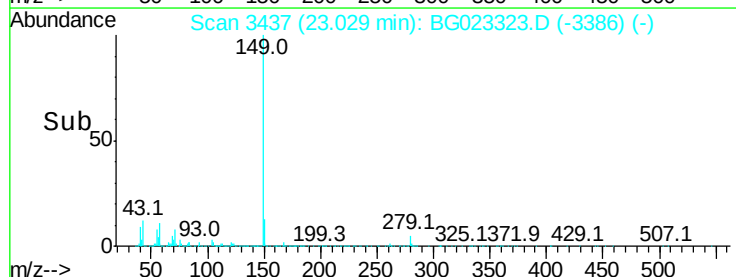
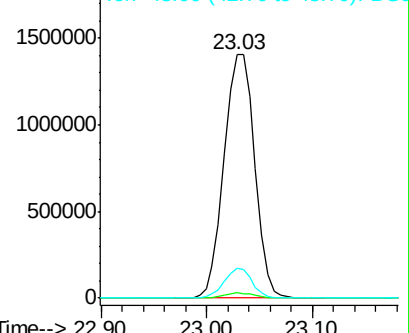


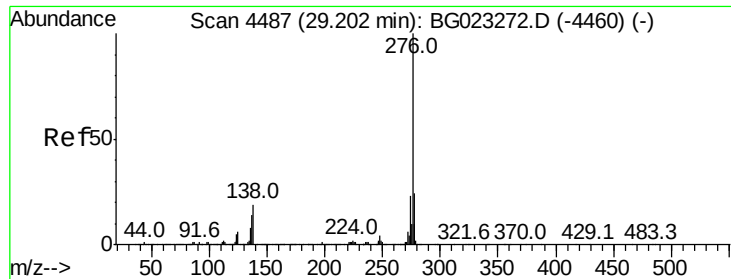
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





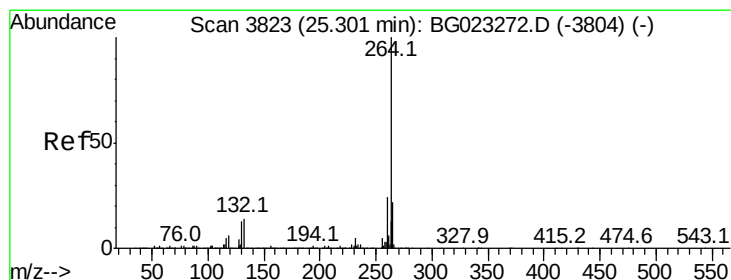
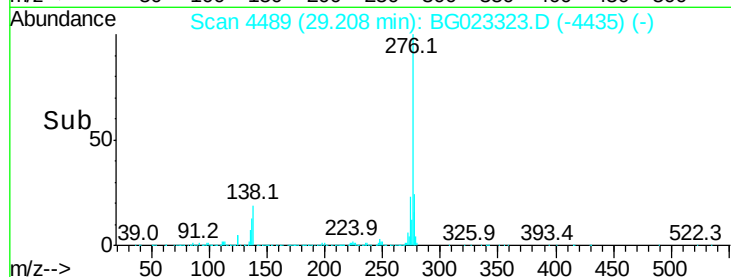
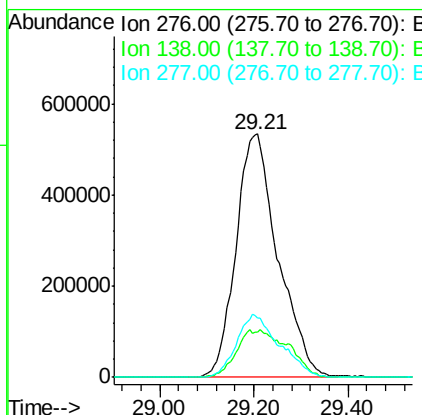
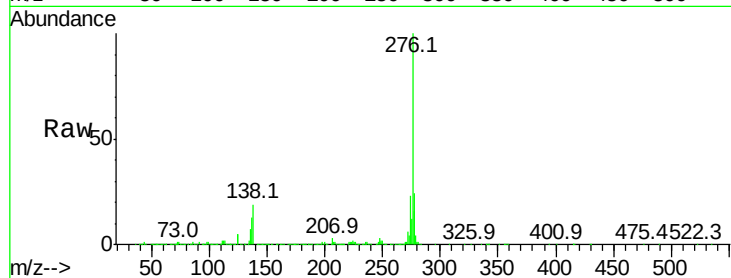
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.83 ng
RT: 29.21 min Scan# 4489
Delta R.T. 0.02 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Instrument :
BNA_G
ClientSampleId :
PB92434BS

Tot Ion:276 Resp: 3296083
Ion Ratio Lower Upper
276 100
138 9.1 0.0 0.0#
277 26.6 0.0 0.0#

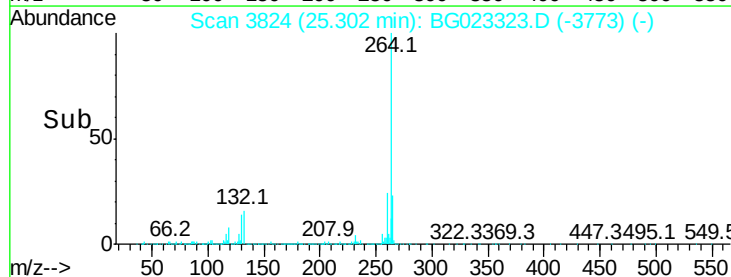
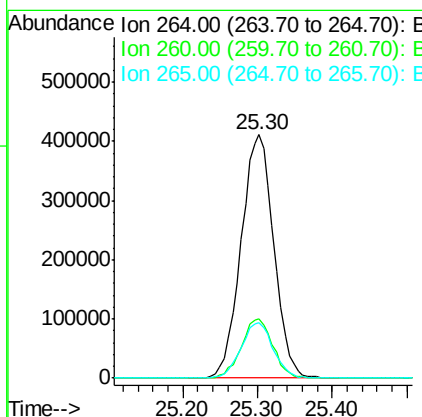
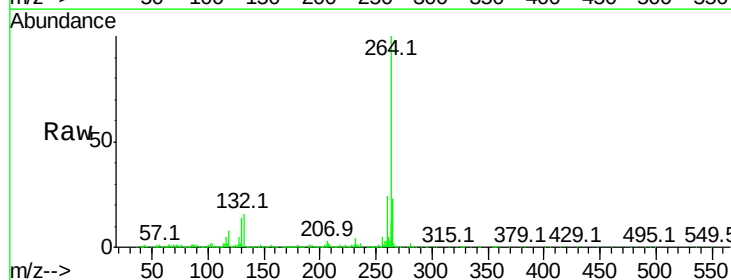
Manual Integrations

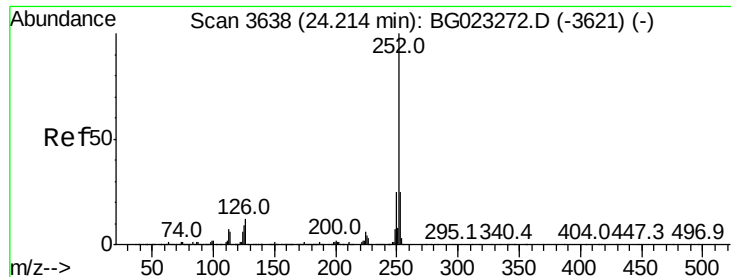
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3824
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:264 Resp: 1244968
Ion Ratio Lower Upper
264 100
260 24.5 18.4 27.6
265 23.0 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 42.28 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:252 Resp: 2796444

Ion Ratio Lower Upper

252 100

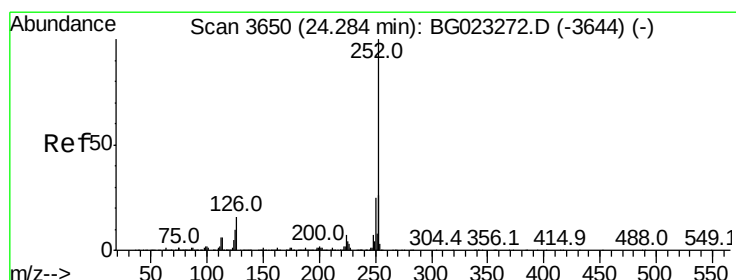
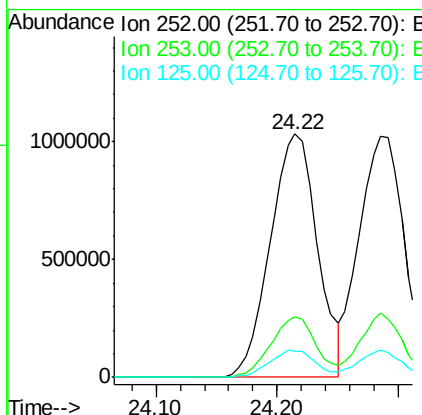
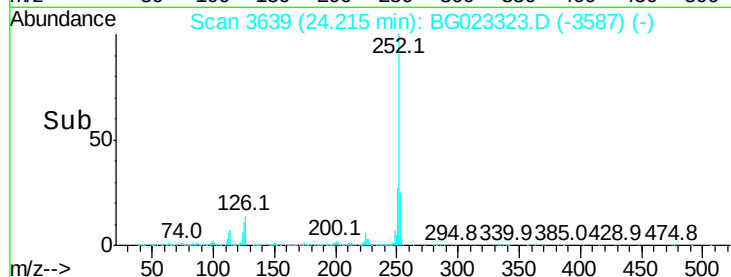
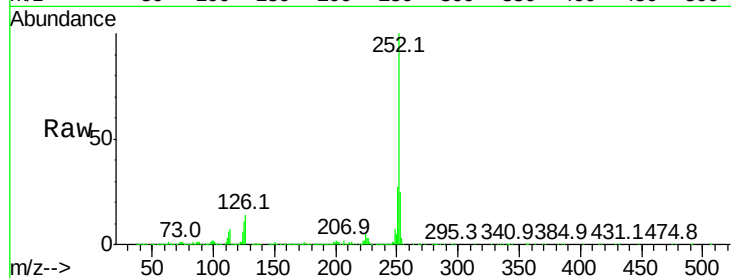
253 24.9 18.9 28.3

125 10.9 3.9 5.9#

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 40.20 ng

RT: 24.29 min Scan# 3651

Delta R.T. -0.00 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

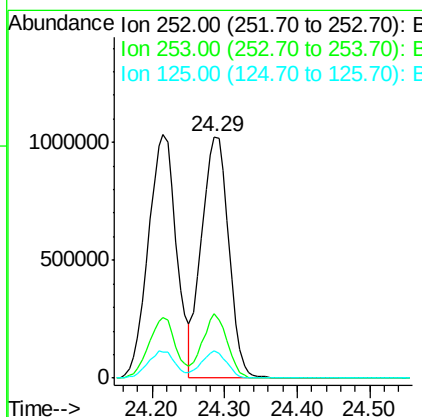
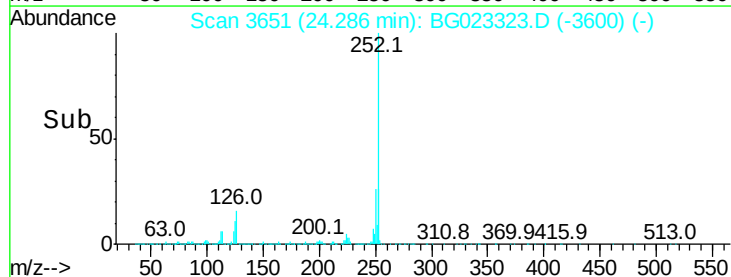
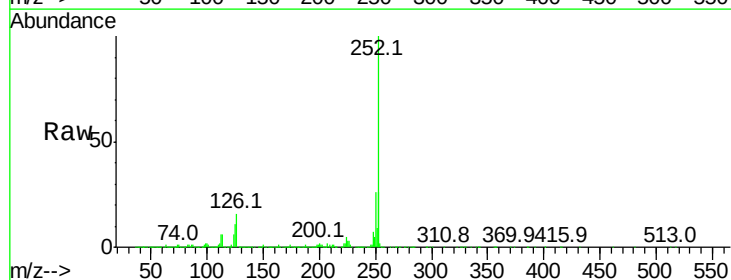
Tgt Ion:252 Resp: 2657716

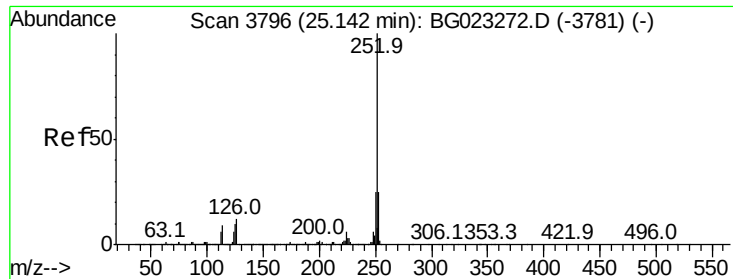
Ion Ratio Lower Upper

252 100

253 26.5 18.8 28.2

125 11.3 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 42.20 ng

RT: 25.14 min Scan# 3796

Delta R.T. 0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

Instrument :

BNA_G

ClientSampleId :

PB92434BS

Tot Ion:252 Resp: 2734769

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	12.5	3.9	5.9

252 100

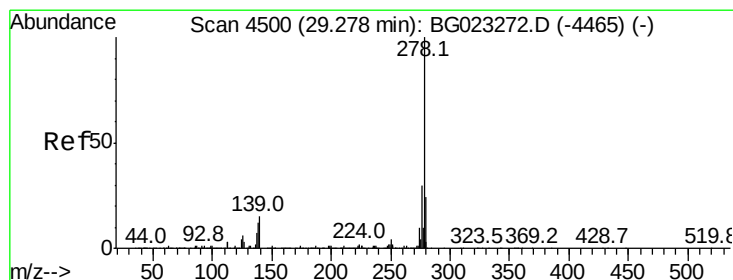
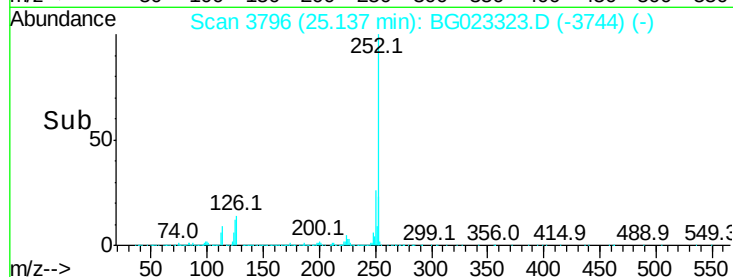
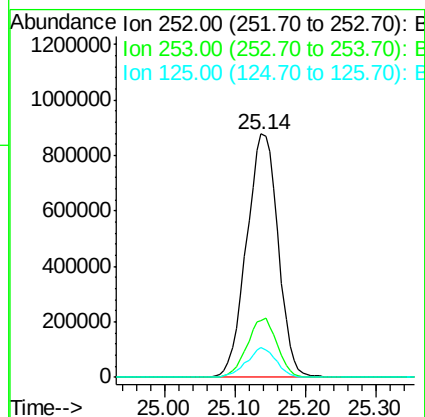
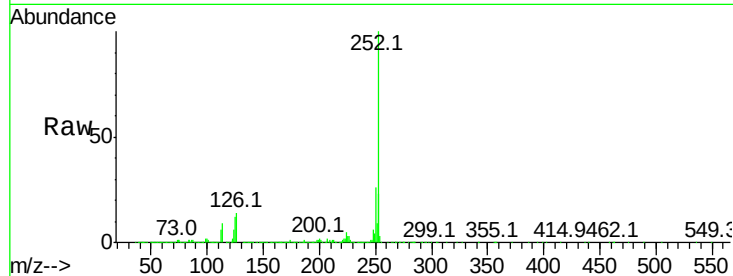
253 23.3 18.7 28.1

125 12.5 3.9 5.9

Manual Integrations

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#90

Dibenzo(a,h)anthracene

Concen: 44.32 ng

RT: 29.27 min Scan# 4499

Delta R.T. 0.01 min

Lab File: BG023323.D

Acq: 29 Jul 2016 3:05

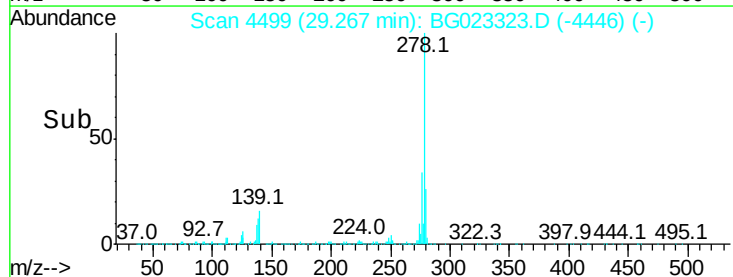
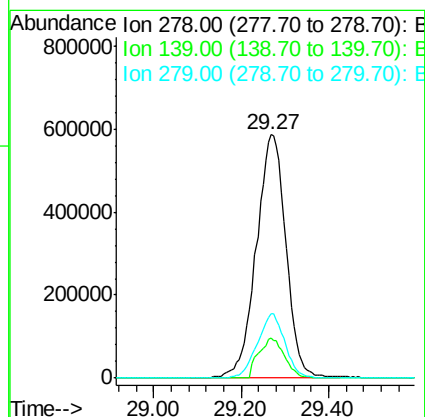
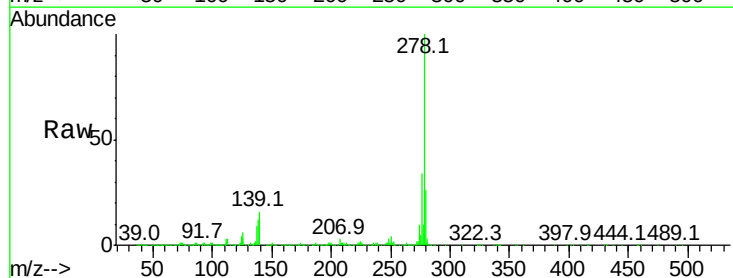
Tgt Ion:278 Resp: 2717003

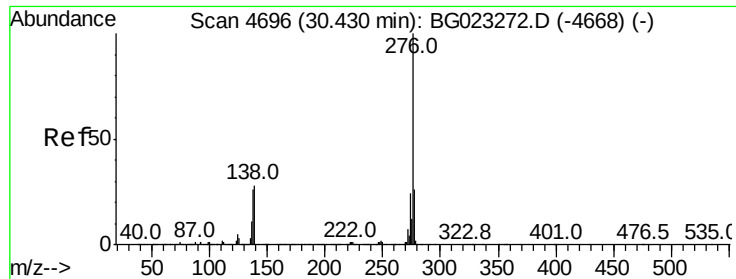
Ion	Ratio	Lower	Upper
278	100		
139	16.3	4.7	7.1
279	26.4	18.3	27.5

278 100

139 16.3 4.7 7.1

279 26.4 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 42.48 ng
 RT: 30.42 min Scan# 4695
 Delta R.T. -0.00 min
 Lab File: BG023323.D
 Acq: 29 Jul 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92434BS

Tot Ion:276 Resp: 2741961
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 27.8
 138 18.7 6.8 10.2#

Manual Integrations

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